

ELECTRONICS TEST CENTRE

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TEST RESULTS

FOR THE

M26 Conducted Energy Weapon (CEW)

IN ACCORDANCE WITH

TASER International Device Specifications

CEWs Evaluated in this Report: 128

Report No.: B36R9026B3

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ISO/IEC 17025: 2005

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1 INTRODUCTION

1.1 PURPOSE

The purpose of this report is to present the findings and results of testing performed on the M26 Conducted Energy Weapons (CEW) in accordance with the applicable guidelines provided by TASER International.

1.2 SCOPE

The scope of the documented tests is limited to the test samples provided by the British Columbia Solicitor General. A total of 128 CEWs have been evaluated in this report. The results contained in this report relate only to the item(s) tested.

The Electronics Test Centre is ISO/IEC 17025 accredited.

1.3 REVISION STATUS

Version	Date Issued	Reason for Issue / Re-Issue
0	May 5, 2009	Initial Release
1	May 6, 2009	Sorted Test Results A->Z
2	May 21, 2009	Moved Lower Mainland/Westminster results to BC Sheriffs
3	May 25, 2009	Final

1.4 APPLICABLE DOCUMENTS

1.4.1 Government documents

ISO/IEC 17025:2005	General requirements for the competence of testing and calibration laboratories
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1.4.2 TASER International documents

TASER Peak Arcing Voltage Tolerance	Peak arcing voltage measurement of TASER X26™ and TASER M26™ devices, Magne Nerheim, Vice President Research and Development, TASER International, dated May 21, 2008.
TASER Performance Criteria	Letter to H.D.M. Madill, Deputy Commissioner, and RCMP from Magne Nerheim, Vice President Research and Development, TASER International, dated December 15, 2008.
TASER Customer Performance Criteria	Customer Testing of TASER X26™ and Advanced TASER M26™ Note from Magne Nerheim, Vice President Research and Development, TASER International, dated January 19, 2009.
TASER 2005 International Test Procedure	TASER International Test Procedure - Measurement of Open Circuit Voltage, Load Voltage and Load Current, 23 July 2005. Appendix C to Testing of Conducted Energy Weapons: TASER X26™ Electrical Performance Evaluation, Canadian Police Research Centre.
TASER Test Procedure	TASER M26 Factory Specification and Test Procedure. Version 4.0.
TASER Device Specifications	Advanced TASER M26™ Series Electronic Control Device Specifications (Law Enforcement M26). Version 2.0. February 6, 2009.

1.4.3 Company documents

TASER Model M26 Test Concepts	TASER Model M26 Test Concepts, Ian P.W. Sinclair, MPB Technologies Inc. Version 5, Draft 9. April 15, 2009.
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1.5 DEFINITIONS

The terms used in this report are defined in ANSI C63.14. In addition, the following definitions are applicable for the purpose of this report.

1.5.1 Acronyms used in this test report

- | | |
|--------|---|
| a) EUT | - Equipment Under Test |
| b) CEW | - Conducted Energy Weapon (also referred as TASER M26™ or TASER M26™) |
| c) TI | - TASER International |

2 EQUIPMENT UNDER TEST

The CEW test samples were provided by the British Columbia Solicitor General.

The CEWs are manufactured by TASER International of Scottsdale, AZ 85255-6311 USA.

3 TEST CRITERIA AND EXPLANATION

Please refer to Company Documents (Section 1.4.3) above for a list of documentation pertaining to the CEW waveform parameters.

3.1 PRESENTATION OF RESULTS

The results of the tests are presented in two formats. Section 4 of this report contains the executive summary of the overall status for all devices tested. Section 5 contains the detailed test results for each device.

Section 4 is a summary of the final results for each device tested. This table includes the serial number of each device followed by its overall status ("In Tolerance", "Above Tolerance" and/or "Below Tolerance"). The overall status of each device was determined using only the TI Operating Parameters and the TI calculation method.

The detailed test results presented in Section 5 includes all the measured parameters and calculations conducted during testing. Typically, there will only be one results page for each CEW unless the CEW was subject to further investigation. (Any device subject to further investigation is included in Section 6).

The results for each CEW under test are presented in four tables: CEW Details, Overall CEW Status, TI CEW Operating Parameters, and Supplemental Parameters. These tables are explained below.

CEW Details:

"CEW Details" at the upper left of each page provides information pertaining to the CEW. Measured values of the load resistance and pertinent comments are entered as appropriate.

Overall CEW Status:

"Overall CEW Status" at the upper right of each page indicates if the CEW under test is in or out of tolerance in any of the seven parameters that are assessed in the table "TI CEW Operating Parameters". A device is found "In Tolerance" when the performance results fall within the TI parameter limits. A device is found "Above Tolerance" or "Below Tolerance" when the performance results fall outside the limits established for any of the TI CEW Operating Parameters. It is "Above / Below Tolerance" when above the limit in one parameter and below the limit in another parameter.

TI CEW Operating Parameters:

"TI (TASER International) CEW Operating Parameters" contains the test results for which the manufacturer's operating specifications are applicable. The measured values are highlighted on the sample results page. For each such parameter, the "Compliance as Found" column indicates if the value is in or out of tolerance.

In accordance with the TASER International Test Procedure, device performance is measured using seven Operating Parameters:

- o Strike Phase Duration
- o Strike Phase Net Charge
- o Strike Phase Peak Current
- o Strike Phase Peak Voltage
- o Full Pulse Duration
- o Full Pulse Net Charge
- o Pulse Repetition Rate

Strike Phase Pulse Duration, Strike Phase Net Charge, and Strike Phase Peak Voltage, Full Pulse Duration, Full Pulse Net Charge are calculated by averaging last eight pulses of each cycle. (This is equivalent to setting a digital oscilloscope to maintain a running average of eight pulses.) Strike Phase Peak Current is added as a measurement that is equivalent to the peak voltage divided by the load resistance. Pulse repetition rate is measured over all pulses in the cycle. ("Cycle" is a 5-second burst of pulses initiated by a single trigger pull).

These measures and their significance are discussed in greater detail in the ETC Taser Model M26 Test Concepts (see Section 1.4.3).

The information in this table has been extracted from the third table, Supplemental Test Parameters. The relevant cells in this table are highlighted on the sample results page.

Supplemental Parameters:

The supplemental parameters table contains a detailed summary of all measurements and alternative methods of performance calculation carried out during testing. While the operating parameters used to calculate overall status are included in this table, most of the data included and methods of performance calculation presented go beyond the specified TI CEW Operating Parameters. The data in this table was collected to support research into a standardized international output test protocol and was not used to determine the overall status of a device.

The supplemental parameter table shows various descriptions of device performance including:

- o Pulse duration and pulse rate
- o Pulse measurements at different times: during strike phase, decay phase and for a full pulse
- o Standard deviation (Column D) of all pulses in a 5-second cycle. Standard deviation indicates the spread of values in a data set. A low standard deviation indicates that the data points tend to be very close to the same value (a mean), while high standard deviation indicates that the data are "spread out" over a large range of values.
- o Maximum (Column H) value and minimum (Column I) value for each parameter measured during a full cycle. The maximum and minimum are selected from the one pulse out of all possible pulses in a 5 second cycle that exhibits the highest or lowest value for that parameter.
- o Total number of pulses in a cycle and the duration of the cycle. Duration is the time from the start of the first pulse to the end of the last pulse in a cycle
- o Pulse rate per second, or the total number of pulses in the cycle less one divided by the time from the start of the first pulse to the start of the last pulse

- o Charge per second is computed by multiplying the full cycle average of the Strike Phase Net Charge by the Pulse Rate
- o Energy per second is computed by multiplying the full cycle average of the Full Pulse Energy by the Pulse Rate

The supplemental parameters presented in the table are described in greater detail in ETC Taser Model M26 Test Concepts (see Section 1.4.3).

The supplemental table also includes four alternative performance calculation methods. These methods have been used by various researchers evaluating CEW performance. The calculation methods differ in two areas. They differ in the number of pulses used to calculate the average for comparison against the TI standard and they differ in where in the 5-second cycle the data used in the calculation is collected. The four calculation methods are:

- o Average of all pulses produced in a full cycle (typically 40 pulses) (Column C)
- o First 8 pulses generated in a cycle (Column E)
- o Last 8 pulses generated in a cycle (Column F)
- o 8 maximum values recorded for each parameter during a cycle (Column G)

3.2 TEST PROCEDURE

Unless otherwise stated, all CEWs have been spark tested for a period of no less than one pull of the CEW trigger (approximately 5-seconds) prior to the formal measurements being recorded. If during the spark test, the CEW exhibited noticeably unusual or abnormal behaviour, the CEW was subject to further investigation. Unusual behaviour includes items such as failure of the CEW to fire, delayed firing, pulse rate excessively slow, failure to fire for the entire cycle duration, the CEW resetting midway through a cycle and so on. If abnormal behaviour was noted the first course of action was to ensure the battery terminals are clear of debris and to ensure that the battery pack was firmly seated.

Unusual behaviour of the CEW is explored in greater detail in Section 6 of this report.

The test consisted of fitting the unit into a 500-ohm non-inductive test jig and connecting an external 12Vdc power supply to power the unit. It should be noted the power supply has been adjusted to emulate eight Duracell Ultra AA cell batteries connected in series. Once connected and powered the trigger was then pulled. Spark test data was then recorded for a period of ten seconds. This included the 5-second cycle plus additional time, in order to account for pulses that could possibly have occurred after five seconds.

During the second trigger pull, a continuous set of data was recorded for a period of ten seconds. This second data set was used to visually verify, in real time, that the CEW was functioning as expected.

The trigger was pulled one last time and detailed data for each pulse was recorded at high resolution. This third set was used for the subsequent analysis. The sample gates were left open for ten seconds in order to capture any stray pulses following the 5-second cycle.

3.3 TASER INTERNATIONAL M26 TEST LIMITS

TI specifies six test parameters for the Taser M26 – Strike Phase Duration, Strike Phase Net Charge, Strike Phase Peak Voltage, Full Pulse Duration, Full Pulse Net Charge and Pulse Rate. TI confirmed that Main Phase Peak Current is a valid parameter, equivalent to the Main Phase Peak Voltage divided by the load resistance, 500 ohms.

Parameter	Units	Minimum Value	Maximum Value
Strike Phase Duration	microseconds	7	12
Strike Phase Net Charge	microcoulombs	70	120
Strike Phase Peak Current	amps	13.8	18.8
Strike Phase Peak Voltage	volts	6900	9400
Full Pulse Duration	microseconds	32	60
Full Pulse Net Charge	microcoulombs	15	55
Pulse Rate	pulses/second	11.25	19.5

Note: Refer to sample results page. Test limits are shaded in TI CEW Operating Parameters and in Supplemental Test Parameters.

3.4 TASER INTERNATIONAL M26 ELECTRICAL CHARACTERISTICS

TI provides values for certain electrical characteristics in order to inform users and the public on the characteristics of the device. These parameters are not part of factory specifications, nor are the devices tested for such parameters at the factory. The limits given here are approximate, and are intended as a general guide for the expected range of values.

Parameter	Units	Minimum Value	Maximum Value
Full Pulse Energy	millijoules	690	1050
Charge/Second	milliamps	0.9	2.1

3.5 SAMPLE RESULTS PAGE

CEW Details

Model Number	-	M26
Serial Number	-	XX-XXXXXX
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	XXX.xx
Comments:	-	

Overall CEW Status:

In Tolerance

TI CEW Operating Parameters

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	X.x	X	XX
Strike Phase Net Charge	microcoulombs	In Tolerance	XX.x	XX	XXX
Strike Phase Peak Current	amps	In Tolerance	XX.xx	XX.x	XX.x
Strike Phase Peak Voltage	volts	In Tolerance	XXXX	XXXx	XXXx
Full Pulse Duration	microseconds	In Tolerance	XX.x	XX	XX
Full Pulse Net Charge	microcoulombs	In Tolerance	XX.x	XX	XX
Pulse Rate	pulses/second	Below Tolerance	X.xxx	XX.xx	XX.xx

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	X.x	X.x	X.x	X.x	X.x	X.x	X.x
Strike Phase Net Charge	microcoulombs	XX.x	XX.x	XX.x	XX.x	XX.x	XX.x	XX.x
Strike Phase Total Charge	microcoulombs	XX.x	XX.x	XX.x	XX.x	XX.x	XX.x	XX.x
Strike Phase Peak Current	amps	XX.xx	XX.xx	XX.xx	XX.xx	XX.xx	XX.xx	XX.xx
Strike Phase Peak Voltage	volts	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX
Strike Phase Energy	millijoules	XXX.x	XXX.x	XXX.x	XXX.x	XXX.x	XXX.x	XXX.x
Decay Phase Duration	microseconds	XX.x	XX.x	XX.x	XX.x	XX.x	XX.x	XX.x
Decay Phase Net Charge	microcoulombs	XX.x	XX.x	XX.x	XX.x	XX.x	XX.x	XX.x
Decay Phase Total Charge	microcoulombs	XXX.x	XXX.x	XXX.x	XXX.x	XXX.x	XXX.x	XXX.x
Decay Phase Peak Current	amps	XX.xx	XX.xx	XX.xx	XX.xx	XX.xx	XX.xx	XX.xx
Decay Phase Peak Voltage	volts	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX
Decay Phase Energy	millijoules	XXX.x	XXX.x	XXX.x	XXX.x	XXX.x	XXX.x	XXX.x
Full Pulse Duration	microseconds	XX.x	XX.x	XX.x	XX.x	XX.x	XX.x	XX.x
Full Pulse Net Charge	microcoulombs	XX.x	XX.x	XX.x	XX.x	XX.x	XX.x	XX.x
Full Pulse Total Charge	microcoulombs	XXX.x	XXX.x	XXX.x	XXX.x	XXX.x	XXX.x	XXX.x
Full Pulse Energy	millijoules	XXX.x	XXX.x	XXX.x	XXX.x	XXX.x	XXX.x	XXX.x
Pulse Rate	pulses/second	XX.xxx						
Charge/Second	milliamps	X.x						
Energy/Second	watts	X.x						
Duration of Cycle	seconds	X.xxxx						
Total Number of Pulses	-	XX						

4 EXECUTIVE TEST RESULT SUMMARY

A total of 128 CEWs have been evaluated in this report. Of the 128 CEWs evaluated, 102 were found to be out of tolerance. Of the 128 CEWs evaluated, 1 was found to exhibit unusual behaviour during the spark test. Please refer to the Executive Test Result Summary tables below.

Executive Test Result Summary - Abbotsford (February 11-13, 2009)

Sample Number	CEW Serial Number	Overall CEW Status
1	P2-013868	Below Tolerance
2	P2-013906	Below Tolerance
3	P2-013934	Below Tolerance
4	P2-013940	Below Tolerance
5	P2-014355	Below Tolerance
6	P2-014356	Below Tolerance
7	P3-021732	In Tolerance
8	P4-004654	In Tolerance
9	P4-005234	In Tolerance
10	P4-005641	Below Tolerance
11	P4-010674	In Tolerance
12	P4-013405	Below Tolerance
13	P4-015610	Below Tolerance
14	P4-019016	Below Tolerance
15	P4-019178	Below Tolerance

Executive Test Result Summary - BC Corrections (February 11-13, 2009)

Sample Number	CEW Serial Number	Overall CEW Status
1	P3-014748	Below Tolerance

Executive Test Result Summary - BC Sheriff (February 11-13, 2009)

Sample Number	CEW Serial Number	Overall CEW Status
1	P003601	Below Tolerance
2	P004003	Below Tolerance
3	P1-003999	Below Tolerance
4	P1-004080	Below Tolerance
5	P1-008016	Below Tolerance
6	P2-004465	Below Tolerance
7	P2-004467	Below Tolerance
8	P2-004582	Below Tolerance
9	P2-004604	Below Tolerance
10	P2-005469	Below Tolerance
11	P2-005470	Below Tolerance
12	P2-005472	Below Tolerance
13	P2-005480	Below Tolerance
14	P2-005481	Below Tolerance

Executive Test Result Summary - BC Sheriff (February 11-13, 2009) CONTINUED

Sample Number	CEW Serial Number	Overall CEW Status
15	P2-005902	Below Tolerance
16	P2-005926	Below Tolerance
17	P2-010742	Below Tolerance
18	P2-010769	Below Tolerance
19	P2-010794	Below Tolerance
20	P2-010840	Below Tolerance
21	P2-011945	Below Tolerance
22	P2-013862	In Tolerance
23	P2-013866	Below Tolerance
24	P2-013886	Below Tolerance
25	P2-013892	In Tolerance
26	P2-014034	In Tolerance
27	P2-014104	Below Tolerance
28	P2-014112	Below Tolerance
29	P2-014243	Below Tolerance
30	P2-014301	Below Tolerance
31	P2-014317	Below Tolerance
32	P2-014318	Below Tolerance
33	P2-014338	Below Tolerance
34	P2-014377	Below Tolerance
35	P2-014383	Below Tolerance
36	P2-014388	Below Tolerance
37	P2-014395	Below Tolerance
38	P2-014401	Below Tolerance
39	P2-014407	Below Tolerance
40	P2-014408	Below Tolerance
41	P2-014409	Below Tolerance
42	P2-014411	Below Tolerance
43	P2-014423	Below Tolerance
44	P2-014430	Below Tolerance
45	P2-014472	Below Tolerance
46	P2-014526	Below Tolerance
47	P2-014545	Below Tolerance
48	P2-014627	Below Tolerance
49	P2-014649	Below Tolerance
50	P3-010053	Below Tolerance
51	P3-010099	Below Tolerance
52	P3-010101	In Tolerance
53	P3-010114	In Tolerance

Executive Test Result Summary - BC Sheriff (February 11-13, 2009) CONTINUED

54	P3-010115	In Tolerance
55	P3-014734	Below Tolerance
56	P3-014735	Below Tolerance
57	P3-015339	Below Tolerance
58	P3-015406	Below Tolerance
59	P3-019334	Below Tolerance
60	P3-024808	In Tolerance
61	P3-036983	Below Tolerance
62	P3-040963	In Tolerance
63	P3-041750	In Tolerance
64	P3-041767	Below Tolerance
65	P3-041768	In Tolerance
66	P3-049391	In Tolerance
67	P4-001536	In Tolerance
68	P4-003469	Below Tolerance
69	P4-005643	Below Tolerance
70	P4-007555	Below Tolerance
71	P4-010672	Below Tolerance
72	P4-015564	Below Tolerance
73	P4-015612	Below Tolerance
74	P4-019022	Below Tolerance
75	P4-019024	Below Tolerance
76	P4-019707	Below Tolerance
77	P4-019709	In Tolerance
78	P4-019716	In Tolerance
79	P4-020568	Below Tolerance
80	P4-020796	Below Tolerance
81	P4-020800	Below Tolerance
82	P4-020809	Below Tolerance
83	P4-021531	In Tolerance
84	P4-025351	Below Tolerance
85	P4-025352	Below Tolerance
86	P4-025353	Below Tolerance
87	P4-025354	Below Tolerance
88	P4-025356	Below Tolerance
89	P4-025359	Below Tolerance
90	P4-025361	Below Tolerance

Executive Test Result Summary - Nelson (February 11-13, 2009)

Sample Number	CEW Serial Number	Overall CEW Status
1	P1-010856	In Tolerance

Executive Test Result Summary - Oak Bay (February 11-13, 2009)

Sample Number	CEW Serial Number	Overall CEW Status
1	P2-013907	Below Tolerance
2	P2-014516	Below Tolerance
3	P3-015298	In Tolerance

Executive Test Result Summary - Port Moody (February 11-13, 2009)

Sample Number	CEW Serial Number	Overall CEW Status
1	P4-023566	Below Tolerance
2	P4-023569	Below Tolerance

Executive Test Result Summary - Saanich (February 11-13, 2009)

Sample Number	CEW Serial Number	Overall CEW Status
1	P3-045454	Below Tolerance
2	P4-012298	Below Tolerance

Executive Test Result Summary - Victoria (February 11-13, 2009)

Sample Number	CEW Serial Number	Overall CEW Status
1	P000329	Below Tolerance
2	P2-014530	Below Tolerance
3	P3-015410	Below Tolerance
4	P3-050480	Below Tolerance
5	P4-001539	Below Tolerance
6	P4-003527	In Tolerance
7	P4-003533	Below Tolerance
8	P4-007576	In Tolerance
9	P4-013870	Below Tolerance

Executive Test Result Summary - Yukon (February 11-13, 2009)

Sample Number	CEW Serial Number	Overall CEW Status
1	P3-050397	In Tolerance
2	P3-050403	In Tolerance
3	P3-050416	In Tolerance
4	P4-020528	Below Tolerance

Executive Test Result Summary - Abnormal CEW - Saanich (February 11-13, 2009)

Sample Number	CEW Serial Number	Overall CEW Status
1	P4-007489	Above / Below Tolerance

5 TEST RESULTS

5.1 TEST RESULTS - ABBOTSFORD

CEW Details

Model Number	-	M26
Serial Number	-	P2-013868
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:

Below Tolerance

TI CEW Operating Parameters

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	8.8	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	87.3	70	120
Strike Phase Peak Current	amps	In Tolerance	15.82	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	7930	6900	9400
Full Pulse Duration	microseconds	In Tolerance	37.6	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	33.1	15	55
Pulse Rate	pulses/second	Below Tolerance	8.580	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	8.8	0.0	8.8	8.8	8.9	8.9	8.8
Strike Phase Net Charge	microcoulombs	87.5	0.8	87.1	87.3	88.3	88.5	85.1
Strike Phase Total Charge	microcoulombs	87.5	0.8	87.1	87.3	88.3	88.5	85.1
Strike Phase Peak Current	amps	15.87	0.14	15.80	15.82	16.03	16.07	15.44
Strike Phase Peak Voltage	volts	7952	73	7919	7930	8033	8055	7737
Strike Phase Energy	millijoules	544.3	9.7	540.0	541.9	554.9	557.4	513.9
Decay Phase Duration	microseconds	28.9	0.5	28.7	28.8	29.6	30.8	28.4
Decay Phase Net Charge	microcoulombs	54.3	1.2	53.9	54.2	56.1	56.9	52.3
Decay Phase Total Charge	microcoulombs	95.8	1.3	94.9	95.8	97.6	98.7	93.4
Decay Phase Peak Current	amps	9.53	0.11	9.47	9.53	9.66	9.77	9.28
Decay Phase Peak Voltage	volts	4778	53	4746	4775	4844	4897	4654
Decay Phase Energy	millijoules	265.4	6.0	261.3	265.1	272.9	278.8	251.5
Full Pulse Duration	microseconds	37.7	0.5	37.6	37.6	38.5	39.6	37.3
Full Pulse Net Charge	microcoulombs	33.2	1.3	33.2	33.1	34.7	34.9	30.7
Full Pulse Total Charge	microcoulombs	183.3	1.8	182.1	183.1	185.6	187.0	178.5
Full Pulse Energy	millijoules	809.7	15.0	801.3	807.0	826.5	835.3	765.4
Pulse Rate	pulses/second	8.580						
Charge/Second	milliamps	0.5						
Energy/Second	watts	6.9						
Duration of Cycle	seconds	4.7787						
Total Number of Pulses	-	42						

CEW Details

Model Number	-	M26
Serial Number	-	P2-013906
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:**Below Tolerance****TI CEW Operating Parameters**

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.0	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	88.3	70	120
Strike Phase Peak Current	amps	In Tolerance	15.79	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	7915	6900	9400
Full Pulse Duration	microseconds	In Tolerance	38.9	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	32.1	15	55
Pulse Rate	pulses/second	Below Tolerance	8.402	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.0	0.0	9.0	9.0	9.0	9.0	8.9
Strike Phase Net Charge	microcoulombs	87.7	0.8	87.4	88.3	88.8	89.5	86.0
Strike Phase Total Charge	microcoulombs	87.7	0.8	87.4	88.3	88.8	89.5	86.0
Strike Phase Peak Current	amps	15.66	0.16	15.62	15.79	15.88	16.05	15.35
Strike Phase Peak Voltage	volts	7852	79	7827	7915	7962	8044	7693
Strike Phase Energy	millijoules	538.4	10.3	535.5	546.5	552.6	563.7	516.7
Decay Phase Duration	microseconds	29.9	0.4	29.9	29.9	30.7	31.4	29.5
Decay Phase Net Charge	microcoulombs	55.8	1.0	55.6	56.2	57.3	57.9	54.0
Decay Phase Total Charge	microcoulombs	97.3	1.3	96.7	98.3	99.1	99.6	94.3
Decay Phase Peak Current	amps	9.41	0.11	9.36	9.50	9.57	9.66	9.19
Decay Phase Peak Voltage	volts	4717	54	4691	4763	4797	4842	4608
Decay Phase Energy	millijoules	265.0	6.3	262.1	270.5	274.1	278.2	251.1
Full Pulse Duration	microseconds	38.9	0.4	38.9	38.9	39.6	40.4	38.5
Full Pulse Net Charge	microcoulombs	31.8	1.2	31.8	32.1	33.3	33.5	29.0
Full Pulse Total Charge	microcoulombs	184.9	1.9	184.1	186.6	187.7	188.9	180.7
Full Pulse Energy	millijoules	803.5	16.0	797.6	817.0	826.1	842.0	772.1
Pulse Rate	pulses/second	8.402						
Charge/Second	milliamps	0.5						
Energy/Second	watts	6.8						
Duration of Cycle	seconds	4.9988						
Total Number of Pulses	-	43						

CEW Details

Model Number	-	M26
Serial Number	-	P2-013934
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:**Below Tolerance****TI CEW Operating Parameters**

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.1	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	88.8	70	120
Strike Phase Peak Current	amps	In Tolerance	15.70	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	7870	6900	9400
Full Pulse Duration	microseconds	In Tolerance	38.6	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	32.6	15	55
Pulse Rate	pulses/second	Below Tolerance	9.331	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.1	0.0	9.0	9.1	9.1	9.1	9.0
Strike Phase Net Charge	microcoulombs	89.3	0.8	89.2	88.8	90.4	91.1	87.4
Strike Phase Total Charge	microcoulombs	89.3	0.8	89.2	88.8	90.4	91.1	87.4
Strike Phase Peak Current	amps	15.80	0.17	15.79	15.70	16.06	16.19	15.42
Strike Phase Peak Voltage	volts	7921	83	7917	7870	8051	8116	7729
Strike Phase Energy	millijoules	553.3	10.8	552.4	546.9	569.1	578.6	527.6
Decay Phase Duration	microseconds	29.6	0.3	29.6	29.5	30.0	30.8	29.3
Decay Phase Net Charge	microcoulombs	56.8	1.2	56.6	56.2	58.7	59.7	54.7
Decay Phase Total Charge	microcoulombs	101.7	1.6	101.0	101.1	103.9	105.2	98.1
Decay Phase Peak Current	amps	9.72	0.12	9.69	9.66	9.89	9.98	9.41
Decay Phase Peak Voltage	volts	4872	60	4857	4841	4959	5002	4716
Decay Phase Energy	millijoules	287.2	7.8	284.5	283.6	298.4	304.2	268.2
Full Pulse Duration	microseconds	38.6	0.3	38.7	38.6	39.1	39.9	38.4
Full Pulse Net Charge	microcoulombs	32.5	1.1	32.6	32.6	33.8	34.1	30.0
Full Pulse Total Charge	microcoulombs	191.0	2.3	190.2	190.0	194.2	196.0	185.5
Full Pulse Energy	millijoules	840.5	18.1	836.9	830.4	867.1	882.8	795.8
Pulse Rate	pulses/second	9.331						
Charge/Second	milliamps	0.5						
Energy/Second	watts	7.8						
Duration of Cycle	seconds	4.5010						
Total Number of Pulses	-	43						

CEW Details

Model Number	-	M26
Serial Number	-	P2-013940
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:**Below Tolerance****TI CEW Operating Parameters**

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.1	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	88.2	70	120
Strike Phase Peak Current	amps	In Tolerance	15.55	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	7794	6900	9400
Full Pulse Duration	microseconds	In Tolerance	38.9	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	32.3	15	55
Pulse Rate	pulses/second	Below Tolerance	9.358	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.1	0.0	9.1	9.1	9.1	9.2	9.0
Strike Phase Net Charge	microcoulombs	87.7	0.9	87.8	88.2	88.8	89.4	85.6
Strike Phase Total Charge	microcoulombs	87.7	0.9	87.8	88.2	88.8	89.4	85.6
Strike Phase Peak Current	amps	15.44	0.17	15.47	15.55	15.64	15.73	14.98
Strike Phase Peak Voltage	volts	7739	85	7753	7794	7842	7886	7509
Strike Phase Energy	millijoules	530.2	11.4	532.0	537.3	544.7	551.5	501.1
Decay Phase Duration	microseconds	29.9	0.4	29.9	29.8	30.5	31.9	29.6
Decay Phase Net Charge	microcoulombs	55.6	1.3	55.5	55.9	57.6	59.0	52.8
Decay Phase Total Charge	microcoulombs	98.9	1.7	98.8	99.8	101.2	102.7	94.3
Decay Phase Peak Current	amps	9.43	0.13	9.45	9.52	9.60	9.66	9.07
Decay Phase Peak Voltage	volts	4728	67	4735	4770	4814	4841	4549
Decay Phase Energy	millijoules	270.9	7.9	270.9	275.9	281.2	284.4	249.2
Full Pulse Duration	microseconds	39.1	0.4	39.0	38.9	39.6	41.0	38.7
Full Pulse Net Charge	microcoulombs	32.1	1.3	32.3	32.3	33.6	33.9	29.3
Full Pulse Total Charge	microcoulombs	186.6	2.4	186.6	188.1	189.7	190.9	179.9
Full Pulse Energy	millijoules	801.1	18.7	802.9	813.2	824.8	834.5	750.2
Pulse Rate	pulses/second	9.358						
Charge/Second	milliamps	0.5						
Energy/Second	watts	7.5						
Duration of Cycle	seconds	4.3813						
Total Number of Pulses	-	42						

CEW Details

Model Number	-	M26
Serial Number	-	P2-014355
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:**Below Tolerance****TI CEW Operating Parameters**

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.0	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	87.1	70	120
Strike Phase Peak Current	amps	In Tolerance	15.94	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	7989	6900	9400
Full Pulse Duration	microseconds	In Tolerance	39.5	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	28.5	15	55
Pulse Rate	pulses/second	Below Tolerance	9.670	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.0	0.0	9.0	9.0	9.0	9.0	8.9
Strike Phase Net Charge	microcoulombs	86.6	1.1	86.1	87.1	88.1	88.6	84.1
Strike Phase Total Charge	microcoulombs	86.6	1.1	86.1	87.1	88.1	88.6	84.1
Strike Phase Peak Current	amps	15.84	0.24	15.72	15.94	16.18	16.30	15.35
Strike Phase Peak Voltage	volts	7940	121	7879	7989	8110	8173	7694
Strike Phase Energy	millijoules	532.2	15.0	524.7	538.3	552.5	560.3	500.4
Decay Phase Duration	microseconds	30.6	0.1	30.6	30.5	30.7	30.8	30.4
Decay Phase Net Charge	microcoulombs	58.3	1.2	57.8	58.6	60.1	60.8	55.5
Decay Phase Total Charge	microcoulombs	110.8	2.0	109.5	111.9	113.6	114.2	106.2
Decay Phase Peak Current	amps	9.76	0.16	9.68	9.84	9.97	10.06	9.41
Decay Phase Peak Voltage	volts	4894	78	4850	4932	5000	5042	4717
Decay Phase Energy	millijoules	314.1	10.9	307.3	319.6	328.9	332.7	290.8
Full Pulse Duration	microseconds	39.5	0.1	39.6	39.5	39.7	39.8	39.4
Full Pulse Net Charge	microcoulombs	28.3	1.3	28.2	28.5	29.8	29.9	25.7
Full Pulse Total Charge	microcoulombs	197.4	3.1	195.5	198.9	201.6	202.6	190.8
Full Pulse Energy	millijoules	846.3	25.4	832.0	857.9	880.7	893.0	795.9
Pulse Rate	pulses/second	9.670						
Charge/Second	milliamps	0.6						
Energy/Second	watts	8.2						
Duration of Cycle	seconds	4.7572						
Total Number of Pulses	-	47						

CEW Details

Model Number	-	M26
Serial Number	-	P2-014356
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:
Below Tolerance
TI CEW Operating Parameters

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	8.9	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	91.9	70	120
Strike Phase Peak Current	amps	In Tolerance	16.64	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	8339	6900	9400
Full Pulse Duration	microseconds	In Tolerance	38.9	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	32.0	15	55
Pulse Rate	pulses/second	Below Tolerance	8.446	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.0	0.0	9.0	8.9	9.0	9.0	8.9
Strike Phase Net Charge	microcoulombs	90.5	1.4	89.1	91.9	91.9	92.3	87.8
Strike Phase Total Charge	microcoulombs	90.5	1.4	89.1	91.9	91.9	92.3	87.8
Strike Phase Peak Current	amps	16.32	0.30	16.03	16.64	16.64	16.70	15.76
Strike Phase Peak Voltage	volts	8181	151	8034	8339	8342	8371	7898
Strike Phase Energy	millijoules	576.2	18.8	557.6	595.9	596.5	600.7	540.3
Decay Phase Duration	microseconds	29.9	0.2	29.9	29.9	30.1	30.6	29.6
Decay Phase Net Charge	microcoulombs	58.7	1.4	57.8	59.9	60.8	61.4	56.1
Decay Phase Total Charge	microcoulombs	106.6	2.5	104.2	109.3	109.6	110.4	102.4
Decay Phase Peak Current	amps	10.00	0.20	9.80	10.20	10.21	10.27	9.64
Decay Phase Peak Voltage	volts	5010	100	4912	5113	5119	5149	4833
Decay Phase Energy	millijoules	309.9	13.3	296.9	324.5	325.6	329.5	287.0
Full Pulse Duration	microseconds	38.9	0.2	38.9	38.9	39.1	39.5	38.6
Full Pulse Net Charge	microcoulombs	31.7	1.2	31.3	32.0	33.1	33.5	29.5
Full Pulse Total Charge	microcoulombs	197.1	3.8	193.4	201.2	201.4	202.3	190.9
Full Pulse Energy	millijoules	886.1	31.7	854.5	920.3	921.3	927.6	829.9
Pulse Rate	pulses/second	8.446						
Charge/Second	milliamps	0.5						
Energy/Second	watts	7.5						
Duration of Cycle	seconds	4.6177						
Total Number of Pulses	-	40						

CEW Details

Model Number	-	M26
Serial Number	-	P3-021732
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:
In Tolerance
TI CEW Operating Parameters

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.0	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	80.0	70	120
Strike Phase Peak Current	amps	In Tolerance	14.25	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	7145	6900	9400
Full Pulse Duration	microseconds	In Tolerance	38.0	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	30.3	15	55
Pulse Rate	pulses/second	In Tolerance	12.281	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.0	0.0	9.0	9.0	9.0	9.0	9.0
Strike Phase Net Charge	microcoulombs	80.4	0.8	80.5	80.0	81.8	82.1	79.2
Strike Phase Total Charge	microcoulombs	80.4	0.8	80.5	80.0	81.8	82.1	79.2
Strike Phase Peak Current	amps	14.36	0.17	14.38	14.25	14.66	14.71	14.12
Strike Phase Peak Voltage	volts	7197	85	7208	7145	7347	7371	7078
Strike Phase Energy	millijoules	452.1	9.6	453.2	446.9	469.0	472.1	438.1
Decay Phase Duration	microseconds	29.1	0.2	29.2	29.0	29.3	29.5	28.8
Decay Phase Net Charge	microcoulombs	50.0	1.0	50.1	49.6	51.5	52.0	48.0
Decay Phase Total Charge	microcoulombs	88.3	1.2	88.1	87.7	90.2	91.1	85.7
Decay Phase Peak Current	amps	8.64	0.10	8.65	8.59	8.81	8.89	8.45
Decay Phase Peak Voltage	volts	4332	51	4335	4308	4418	4457	4236
Decay Phase Energy	millijoules	221.7	5.5	221.5	219.2	230.6	234.3	211.2
Full Pulse Duration	microseconds	38.1	0.2	38.1	38.0	38.3	38.5	37.8
Full Pulse Net Charge	microcoulombs	30.4	1.2	30.4	30.3	31.9	32.3	28.3
Full Pulse Total Charge	microcoulombs	168.6	1.9	168.6	167.7	171.7	173.0	165.2
Full Pulse Energy	millijoules	673.8	14.5	674.7	666.1	698.8	705.4	652.1
Pulse Rate	pulses/second	12.281						
Charge/Second	milliamps	0.6						
Energy/Second	watts	8.3						
Duration of Cycle	seconds	4.8042						
Total Number of Pulses	-	60						

CEW Details

Model Number	-	M26
Serial Number	-	P4-004654
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:**In Tolerance****TI CEW Operating Parameters**

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.4	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	84.1	70	120
Strike Phase Peak Current	amps	In Tolerance	14.38	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	7210	6900	9400
Full Pulse Duration	microseconds	In Tolerance	40.1	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	31.3	15	55
Pulse Rate	pulses/second	In Tolerance	11.334	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.4	0.0	9.4	9.4	9.4	9.4	9.3
Strike Phase Net Charge	microcoulombs	83.7	1.6	82.8	84.1	85.9	86.5	80.6
Strike Phase Total Charge	microcoulombs	83.7	1.6	82.8	84.1	85.9	86.5	80.6
Strike Phase Peak Current	amps	14.33	0.32	14.15	14.38	14.78	14.90	13.70
Strike Phase Peak Voltage	volts	7181	158	7093	7210	7409	7467	6869
Strike Phase Energy	millijoules	469.8	18.6	459.0	473.3	496.3	503.1	434.0
Decay Phase Duration	microseconds	30.7	0.4	30.6	30.7	31.3	32.6	30.3
Decay Phase Net Charge	microcoulombs	52.7	1.5	52.0	52.8	55.2	56.4	49.9
Decay Phase Total Charge	microcoulombs	90.6	2.3	89.0	91.2	94.2	95.0	86.3
Decay Phase Peak Current	amps	8.58	0.19	8.46	8.62	8.88	8.96	8.20
Decay Phase Peak Voltage	volts	4302	97	4242	4322	4451	4493	4110
Decay Phase Energy	millijoules	226.2	10.5	219.3	228.5	242.6	247.0	206.0
Full Pulse Duration	microseconds	40.0	0.4	40.0	40.1	40.6	42.0	39.7
Full Pulse Net Charge	microcoulombs	31.1	1.4	30.8	31.3	32.8	33.3	28.3
Full Pulse Total Charge	microcoulombs	174.4	3.7	171.9	175.2	180.0	181.5	167.4
Full Pulse Energy	millijoules	696.0	28.8	678.3	701.7	738.3	750.1	644.0
Pulse Rate	pulses/second	11.334						
Charge/Second	milliamps	0.6						
Energy/Second	watts	7.9						
Duration of Cycle	seconds	4.5879						
Total Number of Pulses	-	53						

CEW Details

Model Number	-	M26
Serial Number	-	P4-005234
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:**In Tolerance****TI CEW Operating Parameters**

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.2	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	81.1	70	120
Strike Phase Peak Current	amps	In Tolerance	14.11	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	7072	6900	9400
Full Pulse Duration	microseconds	In Tolerance	39.0	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	28.7	15	55
Pulse Rate	pulses/second	In Tolerance	11.308	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.2	0.0	9.2	9.2	9.2	9.2	9.1
Strike Phase Net Charge	microcoulombs	81.3	0.6	81.1	81.1	82.1	82.2	79.5
Strike Phase Total Charge	microcoulombs	81.3	0.6	81.1	81.1	82.1	82.2	79.5
Strike Phase Peak Current	amps	14.17	0.12	14.13	14.11	14.32	14.37	13.80
Strike Phase Peak Voltage	volts	7102	61	7081	7072	7180	7200	6919
Strike Phase Energy	millijoules	450.8	7.0	447.8	447.9	459.7	461.7	430.2
Decay Phase Duration	microseconds	29.8	0.2	29.8	29.8	30.1	30.7	29.5
Decay Phase Net Charge	microcoulombs	52.6	1.1	52.5	52.4	54.4	54.9	50.3
Decay Phase Total Charge	microcoulombs	94.9	1.2	94.4	94.3	96.6	97.6	91.2
Decay Phase Peak Current	amps	8.85	0.09	8.81	8.82	8.97	9.03	8.59
Decay Phase Peak Voltage	volts	4434	43	4416	4423	4495	4527	4304
Decay Phase Energy	millijoules	243.4	5.2	241.0	241.3	250.9	255.7	228.1
Full Pulse Duration	microseconds	39.0	0.2	39.0	39.0	39.3	39.9	38.7
Full Pulse Net Charge	microcoulombs	28.7	1.2	28.6	28.7	30.3	30.7	26.5
Full Pulse Total Charge	microcoulombs	176.2	1.6	175.4	175.4	178.3	179.8	171.1
Full Pulse Energy	millijoules	694.2	11.4	688.8	689.1	709.1	717.4	660.3
Pulse Rate	pulses/second	11.308						
Charge/Second	milliamps	0.6						
Energy/Second	watts	7.9						
Duration of Cycle	seconds	4.9522						
Total Number of Pulses	-	57						

CEW Details

Model Number	-	M26
Serial Number	-	P4-005641
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:**Below Tolerance****TI CEW Operating Parameters**

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.4	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	86.2	70	120
Strike Phase Peak Current	amps	In Tolerance	14.86	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	7448	6900	9400
Full Pulse Duration	microseconds	In Tolerance	39.8	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	31.4	15	55
Pulse Rate	pulses/second	Below Tolerance	10.933	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.4	0.0	9.3	9.4	9.4	9.4	9.3
Strike Phase Net Charge	microcoulombs	86.4	0.7	86.1	86.2	87.4	87.6	84.7
Strike Phase Total Charge	microcoulombs	86.4	0.7	86.1	86.2	87.4	87.6	84.7
Strike Phase Peak Current	amps	14.90	0.15	14.85	14.86	15.09	15.17	14.60
Strike Phase Peak Voltage	volts	7467	75	7444	7448	7564	7605	7316
Strike Phase Energy	millijoules	501.9	9.2	498.9	499.5	514.3	517.9	481.7
Decay Phase Duration	microseconds	30.4	0.2	30.4	30.4	30.8	31.0	30.2
Decay Phase Net Charge	microcoulombs	55.0	1.1	54.8	54.8	56.6	57.2	53.2
Decay Phase Total Charge	microcoulombs	97.7	1.2	97.0	97.5	99.4	100.9	94.9
Decay Phase Peak Current	amps	9.08	0.10	9.03	9.06	9.22	9.33	8.87
Decay Phase Peak Voltage	volts	4550	49	4524	4539	4621	4677	4447
Decay Phase Energy	millijoules	257.9	5.8	254.9	257.1	266.1	273.6	244.9
Full Pulse Duration	microseconds	39.8	0.2	39.8	39.8	40.1	40.4	39.5
Full Pulse Net Charge	microcoulombs	31.4	1.2	31.3	31.4	33.0	33.3	29.3
Full Pulse Total Charge	microcoulombs	184.0	1.8	183.1	183.7	186.6	188.4	180.0
Full Pulse Energy	millijoules	759.8	14.4	753.9	756.6	779.5	791.5	730.5
Pulse Rate	pulses/second	10.933						
Charge/Second	milliamps	0.6						
Energy/Second	watts	8.3						
Duration of Cycle	seconds	4.8476						
Total Number of Pulses	-	54						

CEW Details

Model Number	-	M26
Serial Number	-	P4-010674
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:**In Tolerance****TI CEW Operating Parameters**

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.3	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	85.1	70	120
Strike Phase Peak Current	amps	In Tolerance	14.76	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	7399	6900	9400
Full Pulse Duration	microseconds	In Tolerance	39.8	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	30.2	15	55
Pulse Rate	pulses/second	In Tolerance	13.537	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.3	0.0	9.3	9.3	9.4	9.4	9.2
Strike Phase Net Charge	microcoulombs	84.3	1.1	84.2	85.1	86.5	88.1	82.2
Strike Phase Total Charge	microcoulombs	84.3	1.1	84.2	85.1	86.5	88.1	82.2
Strike Phase Peak Current	amps	14.61	0.24	14.59	14.76	15.10	15.48	14.19
Strike Phase Peak Voltage	volts	7324	123	7314	7399	7570	7758	7110
Strike Phase Energy	millijoules	480.6	14.1	479.6	489.7	508.8	531.6	454.8
Decay Phase Duration	microseconds	30.5	0.1	30.4	30.4	30.7	30.8	30.2
Decay Phase Net Charge	microcoulombs	54.3	1.4	54.2	54.8	56.9	59.1	51.9
Decay Phase Total Charge	microcoulombs	96.8	2.1	96.6	98.2	101.1	104.4	93.2
Decay Phase Peak Current	amps	8.98	0.16	8.96	9.10	9.32	9.63	8.70
Decay Phase Peak Voltage	volts	4504	81	4492	4563	4670	4826	4360
Decay Phase Energy	millijoules	252.7	9.8	251.2	259.5	273.4	291.3	235.7
Full Pulse Duration	microseconds	39.8	0.1	39.7	39.8	40.0	40.1	39.5
Full Pulse Net Charge	microcoulombs	30.0	1.2	30.0	30.2	31.5	31.9	28.0
Full Pulse Total Charge	microcoulombs	181.1	3.1	180.8	183.3	187.6	192.5	175.7
Full Pulse Energy	millijoules	733.3	23.5	730.8	749.1	782.0	822.9	692.9
Pulse Rate	pulses/second	13.537						
Charge/Second	milliamps	0.7						
Energy/Second	watts	9.9						
Duration of Cycle	seconds	5.0973						
Total Number of Pulses	-	70						

CEW Details

Model Number	-	M26
Serial Number	-	P4-013405
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:
Below Tolerance
TI CEW Operating Parameters

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.2	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	88.7	70	120
Strike Phase Peak Current	amps	In Tolerance	15.50	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	7767	6900	9400
Full Pulse Duration	microseconds	In Tolerance	39.4	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	31.9	15	55
Pulse Rate	pulses/second	Below Tolerance	8.846	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.2	0.0	9.2	9.2	9.2	9.2	9.2
Strike Phase Net Charge	microcoulombs	88.4	0.7	88.1	88.7	89.5	90.2	87.0
Strike Phase Total Charge	microcoulombs	88.4	0.7	88.1	88.7	89.5	90.2	87.0
Strike Phase Peak Current	amps	15.44	0.12	15.38	15.50	15.64	15.77	15.15
Strike Phase Peak Voltage	volts	7739	62	7710	7767	7839	7907	7596
Strike Phase Energy	millijoules	534.2	8.8	530.0	538.3	548.5	558.2	516.5
Decay Phase Duration	microseconds	30.2	0.2	30.2	30.2	30.5	30.8	29.9
Decay Phase Net Charge	microcoulombs	56.5	1.0	56.3	56.8	58.0	58.2	54.8
Decay Phase Total Charge	microcoulombs	100.8	1.1	100.0	101.5	102.6	104.2	99.0
Decay Phase Peak Current	amps	9.47	0.09	9.41	9.52	9.62	9.72	9.31
Decay Phase Peak Voltage	volts	4747	46	4716	4771	4821	4874	4665
Decay Phase Energy	millijoules	277.3	5.7	273.5	280.7	286.6	294.4	269.1
Full Pulse Duration	microseconds	39.4	0.2	39.4	39.4	39.7	40.0	39.1
Full Pulse Net Charge	microcoulombs	31.9	1.2	31.7	31.9	33.3	33.6	29.6
Full Pulse Total Charge	microcoulombs	189.1	1.7	188.0	190.3	191.9	194.2	186.7
Full Pulse Energy	millijoules	811.4	13.9	803.5	819.0	834.2	850.2	787.3
Pulse Rate	pulses/second	8.846						
Charge/Second	milliamps	0.5						
Energy/Second	watts	7.2						
Duration of Cycle	seconds	4.8607						
Total Number of Pulses	-	44						

CEW Details

Model Number	-	M26
Serial Number	-	P4-015610
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:
Below Tolerance
TI CEW Operating Parameters

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.4	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	87.2	70	120
Strike Phase Peak Current	amps	In Tolerance	14.88	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	7460	6900	9400
Full Pulse Duration	microseconds	In Tolerance	39.9	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	31.5	15	55
Pulse Rate	pulses/second	Below Tolerance	10.286	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.4	0.0	9.4	9.4	9.4	9.5	9.3
Strike Phase Net Charge	microcoulombs	87.3	1.3	87.3	87.2	89.6	91.5	84.9
Strike Phase Total Charge	microcoulombs	87.3	1.3	87.3	87.2	89.6	91.5	84.9
Strike Phase Peak Current	amps	14.91	0.26	14.93	14.88	15.37	15.72	14.41
Strike Phase Peak Voltage	volts	7475	133	7483	7460	7705	7879	7221
Strike Phase Energy	millijoules	509.0	16.7	510.1	507.3	538.5	563.4	478.7
Decay Phase Duration	microseconds	30.5	0.2	30.6	30.5	30.8	31.0	30.3
Decay Phase Net Charge	microcoulombs	55.7	1.2	55.7	55.7	57.6	58.1	53.4
Decay Phase Total Charge	microcoulombs	98.9	2.0	98.8	98.8	102.5	104.5	95.5
Decay Phase Peak Current	amps	9.19	0.17	9.18	9.18	9.48	9.69	8.88
Decay Phase Peak Voltage	volts	4605	85	4601	4603	4754	4858	4450
Decay Phase Energy	millijoules	264.3	10.3	264.0	263.8	282.6	295.2	245.9
Full Pulse Duration	microseconds	39.9	0.2	40.0	39.9	40.2	40.4	39.7
Full Pulse Net Charge	microcoulombs	31.6	1.3	31.6	31.5	33.3	33.9	29.1
Full Pulse Total Charge	microcoulombs	186.2	3.2	186.1	186.0	192.0	196.0	180.4
Full Pulse Energy	millijoules	773.4	26.6	774.1	771.1	820.8	858.7	724.6
Pulse Rate	pulses/second	10.286						
Charge/Second	milliamps	0.6						
Energy/Second	watts	8.0						
Duration of Cycle	seconds	4.9584						
Total Number of Pulses	-	52						

CEW Details

Model Number	-	M26
Serial Number	-	P4-019016
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:**Below Tolerance****TI CEW Operating Parameters**

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.2	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	99.5	70	120
Strike Phase Peak Current	amps	In Tolerance	17.60	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	8823	6900	9400
Full Pulse Duration	microseconds	In Tolerance	39.9	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	34.9	15	55
Pulse Rate	pulses/second	Below Tolerance	8.140	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.1	0.0	9.1	9.2	9.2	9.2	9.1
Strike Phase Net Charge	microcoulombs	99.2	0.7	99.3	99.5	100.0	100.5	97.6
Strike Phase Total Charge	microcoulombs	99.2	0.7	99.3	99.5	100.0	100.5	97.6
Strike Phase Peak Current	amps	17.54	0.14	17.60	17.60	17.73	17.86	17.23
Strike Phase Peak Voltage	volts	8793	71	8820	8823	8885	8953	8635
Strike Phase Energy	millijoules	678.3	9.8	681.3	682.7	691.3	699.6	656.2
Decay Phase Duration	microseconds	30.7	0.5	30.7	30.7	31.4	32.0	30.2
Decay Phase Net Charge	microcoulombs	64.4	1.1	64.4	64.6	65.9	66.3	62.5
Decay Phase Total Charge	microcoulombs	118.1	1.3	118.2	118.9	119.8	120.8	115.6
Decay Phase Peak Current	amps	10.82	0.10	10.83	10.86	10.95	11.04	10.61
Decay Phase Peak Voltage	volts	5422	50	5430	5445	5491	5533	5321
Decay Phase Energy	millijoules	372.7	7.0	373.5	376.9	382.5	387.1	359.6
Full Pulse Duration	microseconds	39.8	0.4	39.8	39.9	40.5	41.1	39.4
Full Pulse Net Charge	microcoulombs	34.8	1.3	34.9	34.9	36.3	36.5	32.0
Full Pulse Total Charge	microcoulombs	217.3	1.8	217.5	218.4	219.6	221.3	213.9
Full Pulse Energy	millijoules	1051.1	16.0	1054.8	1059.6	1072.2	1086.7	1020.5
Pulse Rate	pulses/second	8.140						
Charge/Second	milliamps	0.5						
Energy/Second	watts	8.6						
Duration of Cycle	seconds	4.5455						
Total Number of Pulses	-	38						

CEW Details

Model Number	-	M26
Serial Number	-	P4-019178
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:
Below Tolerance
TI CEW Operating Parameters

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.1	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	94.7	70	120
Strike Phase Peak Current	amps	In Tolerance	16.85	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	8447	6900	9400
Full Pulse Duration	microseconds	In Tolerance	39.1	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	33.6	15	55
Pulse Rate	pulses/second	Below Tolerance	9.113	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.1	0.0	9.0	9.1	9.1	9.1	9.0
Strike Phase Net Charge	microcoulombs	94.7	1.4	95.6	94.7	96.6	97.2	90.9
Strike Phase Total Charge	microcoulombs	94.7	1.4	95.6	94.7	96.6	97.2	90.9
Strike Phase Peak Current	amps	16.87	0.31	17.08	16.85	17.29	17.52	16.02
Strike Phase Peak Voltage	volts	8454	155	8561	8447	8666	8781	8031
Strike Phase Energy	millijoules	623.7	19.9	636.6	623.1	651.0	663.6	570.2
Decay Phase Duration	microseconds	30.2	0.4	30.2	30.0	30.9	31.5	29.7
Decay Phase Net Charge	microcoulombs	61.0	1.3	61.8	61.1	63.1	65.0	59.2
Decay Phase Total Charge	microcoulombs	111.1	2.3	112.4	111.5	114.6	117.1	105.3
Decay Phase Peak Current	amps	10.37	0.17	10.49	10.38	10.64	10.86	9.94
Decay Phase Peak Voltage	volts	5199	87	5257	5203	5335	5441	4980
Decay Phase Energy	millijoules	336.4	12.8	344.3	338.0	355.4	368.6	304.2
Full Pulse Duration	microseconds	39.2	0.4	39.3	39.1	40.0	40.5	38.7
Full Pulse Net Charge	microcoulombs	33.7	1.3	33.8	33.6	35.3	35.7	31.5
Full Pulse Total Charge	microcoulombs	205.8	3.6	207.9	206.2	211.0	214.4	196.2
Full Pulse Energy	millijoules	960.2	32.3	980.9	961.1	1005.5	1032.1	874.4
Pulse Rate	pulses/second	9.113						
Charge/Second	milliamps	0.6						
Energy/Second	watts	8.7						
Duration of Cycle	seconds	4.7187						
Total Number of Pulses	-	44						

5.2 TEST RESULTS - BC CORRECTIONS

CEW Details

Model Number	-	M26
Serial Number	-	P3-014748
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:

Below Tolerance

TI CEW Operating Parameters

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.0	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	87.2	70	120
Strike Phase Peak Current	amps	In Tolerance	15.51	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	7773	6900	9400
Full Pulse Duration	microseconds	In Tolerance	38.7	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	32.2	15	55
Pulse Rate	pulses/second	Below Tolerance	9.385	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.0	0.0	9.0	9.0	9.1	9.1	9.0
Strike Phase Net Charge	microcoulombs	86.7	0.8	86.4	87.2	87.7	88.1	84.9
Strike Phase Total Charge	microcoulombs	86.7	0.8	86.4	87.2	87.7	88.1	84.9
Strike Phase Peak Current	amps	15.44	0.15	15.38	15.51	15.63	15.66	15.04
Strike Phase Peak Voltage	volts	7738	73	7712	7773	7832	7848	7536
Strike Phase Energy	millijoules	524.4	9.9	520.1	529.8	537.5	541.2	499.9
Decay Phase Duration	microseconds	29.7	0.4	29.6	29.7	30.4	30.8	29.2
Decay Phase Net Charge	microcoulombs	54.7	1.2	54.5	54.9	56.3	56.9	52.4
Decay Phase Total Charge	microcoulombs	97.4	1.4	96.7	98.3	99.4	100.1	94.0
Decay Phase Peak Current	amps	9.37	0.11	9.31	9.44	9.53	9.60	9.09
Decay Phase Peak Voltage	volts	4699	54	4665	4731	4775	4811	4557
Decay Phase Energy	millijoules	264.9	6.6	261.2	269.2	274.3	277.4	247.3
Full Pulse Duration	microseconds	38.7	0.4	38.6	38.7	39.4	39.9	38.2
Full Pulse Net Charge	microcoulombs	32.1	1.3	31.9	32.2	33.7	34.1	29.6
Full Pulse Total Charge	microcoulombs	184.2	2.0	183.0	185.5	187.1	188.0	179.1
Full Pulse Energy	millijoules	789.4	15.8	781.3	799.0	811.7	817.1	749.2
Pulse Rate	pulses/second	9.385						
Charge/Second	milliamps	0.5						
Energy/Second	watts	7.4						
Duration of Cycle	seconds	4.9014						
Total Number of Pulses	-	47						

5.3 TEST RESULTS - BC SHERIFF

CEW Details

Model Number	-	M26
Serial Number	-	P003601
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:

Below Tolerance

TI CEW Operating Parameters

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	8.0	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	70.7	70	120
Strike Phase Peak Current	amps	In Tolerance	14.27	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	7155	6900	9400
Full Pulse Duration	microseconds	In Tolerance	38.3	32	60
Full Pulse Net Charge	microcoulombs	Below Tolerance	11.4	15	55
Pulse Rate	pulses/second	Below Tolerance	5.339	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	8.0	0.0	8.0	8.0	8.1	8.1	8.0
Strike Phase Net Charge	microcoulombs	70.7	0.9	70.9	70.7	71.6	72.2	68.6
Strike Phase Total Charge	microcoulombs	70.7	0.9	70.9	70.7	71.6	72.2	68.6
Strike Phase Peak Current	amps	14.29	0.23	14.32	14.27	14.52	14.67	13.71
Strike Phase Peak Voltage	volts	7164	117	7178	7155	7280	7352	6871
Strike Phase Energy	millijoules	394.8	11.0	396.4	394.1	405.9	413.1	368.2
Decay Phase Duration	microseconds	30.3	0.1	30.3	30.3	30.5	30.5	30.1
Decay Phase Net Charge	microcoulombs	59.2	1.2	59.2	59.3	60.7	61.4	57.1
Decay Phase Total Charge	microcoulombs	105.3	2.1	105.4	105.2	107.3	108.4	101.0
Decay Phase Peak Current	amps	10.03	0.19	10.05	10.02	10.21	10.27	9.63
Decay Phase Peak Voltage	volts	5026	93	5037	5023	5116	5146	4825
Decay Phase Energy	millijoules	307.7	11.9	308.8	307.8	319.4	325.7	283.0
Full Pulse Duration	microseconds	38.3	0.1	38.3	38.3	38.5	38.6	38.1
Full Pulse Net Charge	microcoulombs	11.5	1.2	11.7	11.4	12.8	13.2	9.6
Full Pulse Total Charge	microcoulombs	176.0	2.9	176.3	175.9	178.8	180.5	169.6
Full Pulse Energy	millijoules	702.5	22.5	705.2	701.9	724.7	738.8	651.2
Pulse Rate	pulses/second	5.339						
Charge/Second	milliamps	0.3						
Energy/Second	watts	3.8						
Duration of Cycle	seconds	5.6191						
Total Number of Pulses	-	31						

CEW Details

Model Number	-	M26
Serial Number	-	P004003
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:
Below Tolerance
TI CEW Operating Parameters

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	7.2	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	73.2	70	120
Strike Phase Peak Current	amps	In Tolerance	16.22	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	8132	6900	9400
Full Pulse Duration	microseconds	In Tolerance	33.9	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	18.1	15	55
Pulse Rate	pulses/second	Below Tolerance	9.724	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	7.2	0.0	7.2	7.2	7.3	7.3	7.2
Strike Phase Net Charge	microcoulombs	73.5	0.7	73.3	73.2	74.6	75.0	72.4
Strike Phase Total Charge	microcoulombs	73.5	0.7	73.3	73.2	74.6	75.0	72.4
Strike Phase Peak Current	amps	16.30	0.20	16.26	16.22	16.66	16.78	15.95
Strike Phase Peak Voltage	volts	8170	100	8149	8132	8351	8412	7997
Strike Phase Energy	millijoules	469.9	9.6	468.0	466.3	487.4	493.7	454.1
Decay Phase Duration	microseconds	26.5	0.5	26.3	26.7	27.3	27.9	25.7
Decay Phase Net Charge	microcoulombs	55.4	1.2	55.3	55.1	57.2	57.8	53.4
Decay Phase Total Charge	microcoulombs	91.8	1.6	91.7	91.2	94.5	95.5	88.5
Decay Phase Peak Current	amps	10.65	0.17	10.61	10.58	10.95	11.05	10.31
Decay Phase Peak Voltage	volts	5339	85	5318	5303	5491	5537	5168
Decay Phase Energy	millijoules	289.3	9.1	288.2	285.5	305.4	310.7	271.4
Full Pulse Duration	microseconds	33.7	0.5	33.6	33.9	34.5	35.1	33.0
Full Pulse Net Charge	microcoulombs	18.1	1.2	18.0	18.1	19.5	19.8	15.9
Full Pulse Total Charge	microcoulombs	165.3	2.1	165.0	164.5	169.0	170.5	161.0
Full Pulse Energy	millijoules	759.3	18.3	756.2	751.8	791.8	802.9	725.6
Pulse Rate	pulses/second	9.724						
Charge/Second	milliamps	0.5						
Energy/Second	watts	7.4						
Duration of Cycle	seconds	5.2446						
Total Number of Pulses	-	52						

CEW Details

Model Number	-	M26
Serial Number	-	P1-003999
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:
Below Tolerance
TI CEW Operating Parameters

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	7.5	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	70.2	70	120
Strike Phase Peak Current	amps	In Tolerance	15.14	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	7586	6900	9400
Full Pulse Duration	microseconds	In Tolerance	34.3	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	17.4	15	55
Pulse Rate	pulses/second	Below Tolerance	8.965	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	7.5	0.0	7.5	7.5	7.5	7.6	7.4
Strike Phase Net Charge	microcoulombs	69.9	0.6	69.5	70.2	70.8	71.9	68.5
Strike Phase Total Charge	microcoulombs	69.9	0.6	69.5	70.2	70.8	71.9	68.5
Strike Phase Peak Current	amps	15.05	0.16	14.95	15.14	15.30	15.56	14.63
Strike Phase Peak Voltage	volts	7543	82	7492	7586	7667	7799	7331
Strike Phase Energy	millijoules	411.2	8.3	406.0	415.6	423.9	438.7	392.1
Decay Phase Duration	microseconds	27.0	0.2	27.0	26.9	27.3	27.9	26.7
Decay Phase Net Charge	microcoulombs	52.5	1.1	52.3	52.8	54.0	55.4	49.7
Decay Phase Total Charge	microcoulombs	85.1	1.4	84.4	85.8	87.1	89.1	81.2
Decay Phase Peak Current	amps	9.66	0.13	9.58	9.74	9.85	10.07	9.29
Decay Phase Peak Voltage	volts	4843	66	4804	4880	4938	5047	4655
Decay Phase Energy	millijoules	242.3	7.2	238.3	246.3	252.7	263.8	222.4
Full Pulse Duration	microseconds	34.5	0.2	34.5	34.3	34.8	35.4	34.1
Full Pulse Net Charge	microcoulombs	17.4	1.2	17.2	17.4	18.8	18.9	15.2
Full Pulse Total Charge	microcoulombs	155.0	1.9	153.9	156.0	157.8	160.6	149.7
Full Pulse Energy	millijoules	653.5	14.9	644.3	661.9	676.3	701.7	614.5
Pulse Rate	pulses/second	8.965						
Charge/Second	milliamps	0.5						
Energy/Second	watts	5.9						
Duration of Cycle	seconds	5.0197						
Total Number of Pulses	-	46						

CEW Details

Model Number	-	M26
Serial Number	-	P1-004080
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:**Below Tolerance****TI CEW Operating Parameters**

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	7.4	7	12
Strike Phase Net Charge	microcoulombs	Below Tolerance	69.6	70	120
Strike Phase Peak Current	amps	In Tolerance	15.11	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	7575	6900	9400
Full Pulse Duration	microseconds	In Tolerance	34.4	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	16.6	15	55
Pulse Rate	pulses/second	In Tolerance	11.454	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	7.4	0.0	7.5	7.4	7.5	7.5	7.4
Strike Phase Net Charge	microcoulombs	69.7	0.4	69.3	69.6	70.3	70.7	68.8
Strike Phase Total Charge	microcoulombs	69.7	0.4	69.3	69.6	70.3	70.7	68.8
Strike Phase Peak Current	amps	15.14	0.11	15.02	15.11	15.31	15.36	14.91
Strike Phase Peak Voltage	volts	7588	56	7531	7575	7674	7700	7473
Strike Phase Energy	millijoules	412.1	5.5	406.5	410.7	420.7	424.9	401.7
Decay Phase Duration	microseconds	27.0	0.2	27.0	27.0	27.4	27.8	26.7
Decay Phase Net Charge	microcoulombs	53.0	1.2	52.4	53.0	55.1	55.4	50.7
Decay Phase Total Charge	microcoulombs	86.8	1.2	85.7	86.6	89.0	89.2	84.2
Decay Phase Peak Current	amps	9.78	0.11	9.67	9.77	9.98	10.02	9.52
Decay Phase Peak Voltage	volts	4901	55	4846	4895	5005	5021	4772
Decay Phase Energy	millijoules	249.7	5.9	244.0	249.2	261.0	262.5	236.8
Full Pulse Duration	microseconds	34.5	0.2	34.5	34.4	34.9	35.2	34.2
Full Pulse Net Charge	microcoulombs	16.7	1.3	16.9	16.6	18.3	18.6	14.5
Full Pulse Total Charge	microcoulombs	156.4	1.5	154.9	156.2	159.1	159.9	153.2
Full Pulse Energy	millijoules	661.8	10.5	650.4	659.9	680.6	687.2	639.5
Pulse Rate	pulses/second	11.454						
Charge/Second	milliamps	0.6						
Energy/Second	watts	7.6						
Duration of Cycle	seconds	5.5876						
Total Number of Pulses	-	65						

CEW Details

Model Number	-	M26
Serial Number	-	P1-008016
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:
Below Tolerance
TI CEW Operating Parameters

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	8.6	7	12
Strike Phase Net Charge	microcoulombs	Below Tolerance	69.7	70	120
Strike Phase Peak Current	amps	Below Tolerance	13.06	13.8	18.8
Strike Phase Peak Voltage	volts	Below Tolerance	6545	6900	9400
Full Pulse Duration	microseconds	In Tolerance	35.1	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	31.4	15	55
Pulse Rate	pulses/second	In Tolerance	11.634	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	8.6	0.0	8.6	8.6	8.7	8.7	8.5
Strike Phase Net Charge	microcoulombs	70.0	1.3	70.6	69.7	72.1	73.2	68.1
Strike Phase Total Charge	microcoulombs	70.0	1.3	70.6	69.7	72.1	73.2	68.1
Strike Phase Peak Current	amps	13.07	0.25	13.19	13.06	13.51	13.73	12.74
Strike Phase Peak Voltage	volts	6551	126	6611	6545	6770	6883	6388
Strike Phase Energy	millijoules	358.3	13.5	365.3	356.8	381.6	392.3	340.4
Decay Phase Duration	microseconds	26.7	0.3	26.8	26.6	27.2	27.6	26.3
Decay Phase Net Charge	microcoulombs	38.5	1.3	39.2	38.3	40.7	41.3	36.2
Decay Phase Total Charge	microcoulombs	67.8	2.0	69.0	68.6	71.0	72.2	62.5
Decay Phase Peak Current	amps	7.26	0.18	7.38	7.31	7.56	7.67	6.74
Decay Phase Peak Voltage	volts	3639	92	3701	3663	3787	3842	3380
Decay Phase Energy	millijoules	142.6	7.6	147.4	145.4	155.1	159.2	121.8
Full Pulse Duration	microseconds	35.3	0.3	35.3	35.1	35.8	36.1	34.9
Full Pulse Net Charge	microcoulombs	31.5	1.2	31.4	31.4	33.1	33.9	29.2
Full Pulse Total Charge	microcoulombs	137.7	3.0	139.6	138.3	142.9	144.7	131.0
Full Pulse Energy	millijoules	500.9	19.7	512.7	502.2	535.2	545.2	463.0
Pulse Rate	pulses/second	11.634						
Charge/Second	milliamps	0.4						
Energy/Second	watts	5.8						
Duration of Cycle	seconds	4.9855						
Total Number of Pulses	-	59						

CEW Details

Model Number	-	M26
Serial Number	-	P2-004465
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:**Below Tolerance****TI CEW Operating Parameters**

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	7.5	7	12
Strike Phase Net Charge	microcoulombs	Below Tolerance	54.1	70	120
Strike Phase Peak Current	amps	Below Tolerance	11.51	13.8	18.8
Strike Phase Peak Voltage	volts	Below Tolerance	5770	6900	9400
Full Pulse Duration	microseconds	Below Tolerance	30.6	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	20.4	15	55
Pulse Rate	pulses/second	In Tolerance	17.477	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	7.5	0.0	7.5	7.5	7.5	7.5	7.4
Strike Phase Net Charge	microcoulombs	53.9	0.3	53.9	54.1	54.4	54.5	52.1
Strike Phase Total Charge	microcoulombs	53.9	0.3	53.9	54.1	54.4	54.5	52.1
Strike Phase Peak Current	amps	11.47	0.07	11.47	11.51	11.57	11.59	11.09
Strike Phase Peak Voltage	volts	5751	35	5748	5770	5800	5811	5556
Strike Phase Energy	millijoules	243.6	2.9	243.2	245.2	247.6	248.7	228.1
Decay Phase Duration	microseconds	23.1	0.1	23.1	23.1	23.3	23.4	23.0
Decay Phase Net Charge	microcoulombs	33.7	0.8	33.7	33.8	35.1	35.3	32.4
Decay Phase Total Charge	microcoulombs	65.3	0.6	65.1	65.7	66.3	66.5	63.5
Decay Phase Peak Current	amps	7.41	0.05	7.40	7.45	7.50	7.52	7.25
Decay Phase Peak Voltage	volts	3713	27	3709	3733	3759	3767	3636
Decay Phase Energy	millijoules	140.8	2.2	140.1	142.3	144.5	145.8	133.7
Full Pulse Duration	microseconds	30.6	0.1	30.6	30.6	30.7	30.8	30.5
Full Pulse Net Charge	microcoulombs	20.3	1.0	20.1	20.4	21.5	21.6	18.1
Full Pulse Total Charge	microcoulombs	119.2	0.8	119.0	119.8	120.4	120.7	115.6
Full Pulse Energy	millijoules	384.4	4.3	383.3	387.5	390.5	391.8	361.8
Pulse Rate	pulses/second	17.477						
Charge/Second	milliamps	0.6						
Energy/Second	watts	6.7						
Duration of Cycle	seconds	5.3212						
Total Number of Pulses	-	94						

CEW Details

Model Number	-	M26
Serial Number	-	P2-004467
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:
Below Tolerance
TI CEW Operating Parameters

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.0	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	86.0	70	120
Strike Phase Peak Current	amps	In Tolerance	15.30	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	7671	6900	9400
Full Pulse Duration	microseconds	In Tolerance	38.7	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	30.4	15	55
Pulse Rate	pulses/second	Below Tolerance	10.666	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.0	0.0	9.0	9.0	9.1	9.1	9.0
Strike Phase Net Charge	microcoulombs	86.2	1.0	86.3	86.0	87.5	88.4	83.9
Strike Phase Total Charge	microcoulombs	86.2	1.0	86.3	86.0	87.5	88.4	83.9
Strike Phase Peak Current	amps	15.35	0.20	15.38	15.30	15.59	15.78	14.87
Strike Phase Peak Voltage	volts	7695	98	7709	7671	7816	7912	7453
Strike Phase Energy	millijoules	517.9	12.7	519.0	514.7	534.4	546.9	488.8
Decay Phase Duration	microseconds	29.6	0.3	29.4	29.7	30.1	30.9	29.2
Decay Phase Net Charge	microcoulombs	55.6	1.2	55.5	55.6	57.7	58.3	52.9
Decay Phase Total Charge	microcoulombs	101.1	1.7	100.8	101.0	103.6	105.6	96.8
Decay Phase Peak Current	amps	9.57	0.14	9.57	9.54	9.75	9.84	9.21
Decay Phase Peak Voltage	volts	4795	70	4795	4784	4885	4932	4616
Decay Phase Energy	millijoules	280.6	8.7	279.8	279.4	292.2	302.7	258.0
Full Pulse Duration	microseconds	38.6	0.3	38.5	38.7	39.1	39.9	38.2
Full Pulse Net Charge	microcoulombs	30.6	1.3	30.7	30.4	32.1	32.5	27.9
Full Pulse Total Charge	microcoulombs	187.3	2.6	187.0	187.0	190.6	194.0	181.0
Full Pulse Energy	millijoules	798.5	20.8	798.8	794.1	824.8	849.6	748.3
Pulse Rate	pulses/second	10.666						
Charge/Second	milliamps	0.6						
Energy/Second	watts	8.5						
Duration of Cycle	seconds	5.2505						
Total Number of Pulses	-	57						

CEW Details

Model Number	-	M26
Serial Number	-	P2-004582
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:**Below Tolerance****TI CEW Operating Parameters**

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.0	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	87.4	70	120
Strike Phase Peak Current	amps	In Tolerance	15.52	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	7779	6900	9400
Full Pulse Duration	microseconds	In Tolerance	38.6	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	30.6	15	55
Pulse Rate	pulses/second	Below Tolerance	8.950	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.0	0.0	9.0	9.0	9.1	9.1	9.0
Strike Phase Net Charge	microcoulombs	87.9	1.1	86.8	87.4	89.4	89.9	84.8
Strike Phase Total Charge	microcoulombs	87.9	1.1	86.8	87.4	89.4	89.9	84.8
Strike Phase Peak Current	amps	15.64	0.23	15.43	15.52	15.96	16.07	15.04
Strike Phase Peak Voltage	volts	7842	117	7734	7779	8001	8055	7540
Strike Phase Energy	millijoules	538.4	14.9	524.0	530.9	558.5	565.8	499.3
Decay Phase Duration	microseconds	29.6	0.2	29.6	29.6	29.9	30.1	29.4
Decay Phase Net Charge	microcoulombs	57.3	1.3	56.3	56.8	59.3	60.0	54.9
Decay Phase Total Charge	microcoulombs	104.1	2.1	101.8	103.2	106.8	107.5	99.4
Decay Phase Peak Current	amps	9.80	0.17	9.62	9.72	10.02	10.04	9.34
Decay Phase Peak Voltage	volts	4912	87	4820	4870	5024	5034	4682
Decay Phase Energy	millijoules	296.3	11.1	284.4	291.1	310.6	312.6	270.0
Full Pulse Duration	microseconds	38.6	0.2	38.6	38.6	38.9	39.1	38.4
Full Pulse Net Charge	microcoulombs	30.6	1.3	30.6	30.6	32.2	32.4	28.3
Full Pulse Total Charge	microcoulombs	192.0	3.1	188.7	190.6	196.1	196.6	184.3
Full Pulse Energy	millijoules	834.7	25.6	808.4	822.0	868.0	877.7	771.2
Pulse Rate	pulses/second	8.950						
Charge/Second	milliamps	0.5						
Energy/Second	watts	7.5						
Duration of Cycle	seconds	5.0279						
Total Number of Pulses	-	46						

CEW Details

Model Number	-	M26
Serial Number	-	P2-004604
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:
Below Tolerance
TI CEW Operating Parameters

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	7.6	7	12
Strike Phase Net Charge	microcoulombs	Below Tolerance	51.9	70	120
Strike Phase Peak Current	amps	Below Tolerance	10.89	13.8	18.8
Strike Phase Peak Voltage	volts	Below Tolerance	5460	6900	9400
Full Pulse Duration	microseconds	In Tolerance	32.6	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	17.4	15	55
Pulse Rate	pulses/second	Below Tolerance	10.455	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	7.6	0.0	7.6	7.6	7.7	7.7	7.5
Strike Phase Net Charge	microcoulombs	51.7	0.4	51.5	51.9	52.3	52.8	50.8
Strike Phase Total Charge	microcoulombs	51.7	0.4	51.5	51.9	52.3	52.8	50.8
Strike Phase Peak Current	amps	10.86	0.10	10.86	10.89	11.04	11.16	10.70
Strike Phase Peak Voltage	volts	5446	53	5443	5460	5532	5594	5361
Strike Phase Energy	millijoules	220.5	3.7	219.6	222.0	226.5	231.0	214.0
Decay Phase Duration	microseconds	25.1	0.2	25.2	25.0	25.6	26.2	24.8
Decay Phase Net Charge	microcoulombs	34.7	0.8	34.8	34.5	36.1	36.5	33.1
Decay Phase Total Charge	microcoulombs	64.6	0.9	64.6	64.7	66.1	66.6	62.9
Decay Phase Peak Current	amps	7.21	0.08	7.21	7.21	7.34	7.39	7.06
Decay Phase Peak Voltage	volts	3615	40	3616	3615	3681	3705	3537
Decay Phase Energy	millijoules	136.3	3.2	136.3	136.7	141.8	143.5	130.5
Full Pulse Duration	microseconds	32.7	0.2	32.7	32.6	33.2	33.8	32.4
Full Pulse Net Charge	microcoulombs	17.0	1.0	16.8	17.4	18.3	18.4	14.6
Full Pulse Total Charge	microcoulombs	116.3	1.1	116.1	116.6	118.2	119.0	114.1
Full Pulse Energy	millijoules	356.8	6.3	355.9	358.7	367.3	373.7	344.9
Pulse Rate	pulses/second	10.455						
Charge/Second	milliamps	0.4						
Energy/Second	watts	3.7						
Duration of Cycle	seconds	5.3564						
Total Number of Pulses	-	57						

CEW Details

Model Number	-	M26
Serial Number	-	P2-005469
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:
Below Tolerance
TI CEW Operating Parameters

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.0	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	87.7	70	120
Strike Phase Peak Current	amps	In Tolerance	15.74	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	7887	6900	9400
Full Pulse Duration	microseconds	In Tolerance	38.9	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	30.1	15	55
Pulse Rate	pulses/second	Below Tolerance	9.425	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.0	0.0	9.0	9.0	9.0	9.0	8.9
Strike Phase Net Charge	microcoulombs	87.7	0.7	87.2	87.7	88.7	89.6	86.1
Strike Phase Total Charge	microcoulombs	87.7	0.7	87.2	87.7	88.7	89.6	86.1
Strike Phase Peak Current	amps	15.75	0.13	15.66	15.74	15.97	16.19	15.48
Strike Phase Peak Voltage	volts	7896	66	7848	7887	8003	8113	7760
Strike Phase Energy	millijoules	538.9	8.5	532.5	538.5	552.6	565.4	519.6
Decay Phase Duration	microseconds	29.8	0.2	29.8	29.9	30.1	30.3	29.6
Decay Phase Net Charge	microcoulombs	57.5	1.1	57.1	57.5	59.2	59.8	55.6
Decay Phase Total Charge	microcoulombs	105.9	1.2	104.8	106.1	107.9	108.4	103.5
Decay Phase Peak Current	amps	9.81	0.10	9.72	9.81	9.97	10.10	9.63
Decay Phase Peak Voltage	volts	4915	50	4873	4918	5000	5065	4827
Decay Phase Energy	millijoules	302.0	6.4	296.2	302.6	312.7	318.0	290.6
Full Pulse Duration	microseconds	38.8	0.1	38.8	38.9	39.1	39.3	38.6
Full Pulse Net Charge	microcoulombs	30.2	1.3	30.1	30.1	31.7	31.9	27.8
Full Pulse Total Charge	microcoulombs	193.6	1.7	192.0	193.8	196.4	198.0	190.1
Full Pulse Energy	millijoules	840.9	14.2	828.7	841.1	864.0	883.3	811.6
Pulse Rate	pulses/second	9.425						
Charge/Second	milliamps	0.5						
Energy/Second	watts	7.9						
Duration of Cycle	seconds	5.4112						
Total Number of Pulses	-	52						

CEW Details

Model Number	-	M26
Serial Number	-	P2-005470
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:
Below Tolerance
TI CEW Operating Parameters

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.1	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	84.3	70	120
Strike Phase Peak Current	amps	In Tolerance	14.95	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	7493	6900	9400
Full Pulse Duration	microseconds	In Tolerance	38.6	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	29.8	15	55
Pulse Rate	pulses/second	Below Tolerance	9.064	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.1	0.0	9.1	9.1	9.1	9.1	9.0
Strike Phase Net Charge	microcoulombs	83.8	0.8	82.6	84.3	84.8	85.2	81.2
Strike Phase Total Charge	microcoulombs	83.8	0.8	82.6	84.3	84.8	85.2	81.2
Strike Phase Peak Current	amps	14.85	0.17	14.60	14.95	15.07	15.14	14.38
Strike Phase Peak Voltage	volts	7445	84	7316	7493	7554	7588	7210
Strike Phase Energy	millijoules	486.5	9.9	471.4	492.3	498.9	503.8	456.9
Decay Phase Duration	microseconds	29.5	0.2	29.4	29.5	29.8	29.9	29.2
Decay Phase Net Charge	microcoulombs	54.4	1.2	53.2	54.5	56.4	57.0	52.1
Decay Phase Total Charge	microcoulombs	98.6	1.6	96.2	99.1	100.9	102.3	94.9
Decay Phase Peak Current	amps	9.27	0.12	9.06	9.36	9.45	9.56	8.99
Decay Phase Peak Voltage	volts	4647	62	4543	4690	4736	4794	4507
Decay Phase Energy	millijoules	265.4	7.4	253.5	268.7	275.8	283.0	247.6
Full Pulse Duration	microseconds	38.6	0.2	38.5	38.6	38.9	39.0	38.4
Full Pulse Net Charge	microcoulombs	29.4	1.3	29.4	29.8	31.1	31.4	26.8
Full Pulse Total Charge	microcoulombs	182.4	2.2	178.8	183.4	185.3	187.2	176.8
Full Pulse Energy	millijoules	752.0	16.6	724.9	761.0	773.2	785.5	707.3
Pulse Rate	pulses/second	9.064						
Charge/Second	milliamps	0.5						
Energy/Second	watts	6.8						
Duration of Cycle	seconds	5.5166						
Total Number of Pulses	-	51						

CEW Details

Model Number	-	M26
Serial Number	-	P2-005472
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:**Below Tolerance****TI CEW Operating Parameters**

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.1	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	81.1	70	120
Strike Phase Peak Current	amps	In Tolerance	14.37	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	7204	6900	9400
Full Pulse Duration	microseconds	In Tolerance	38.3	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	29.3	15	55
Pulse Rate	pulses/second	Below Tolerance	10.063	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.0	0.0	9.0	9.1	9.1	9.1	9.0
Strike Phase Net Charge	microcoulombs	81.1	0.5	81.0	81.1	81.7	81.9	79.6
Strike Phase Total Charge	microcoulombs	81.1	0.5	81.0	81.1	81.7	81.9	79.6
Strike Phase Peak Current	amps	14.38	0.09	14.38	14.37	14.50	14.56	14.16
Strike Phase Peak Voltage	volts	7206	43	7206	7204	7270	7299	7095
Strike Phase Energy	millijoules	456.0	5.3	455.5	455.8	463.6	466.1	439.8
Decay Phase Duration	microseconds	29.2	0.2	29.2	29.2	29.5	29.9	29.0
Decay Phase Net Charge	microcoulombs	51.9	1.2	52.0	51.7	53.6	53.9	50.0
Decay Phase Total Charge	microcoulombs	93.2	1.0	93.1	93.2	94.5	94.9	91.1
Decay Phase Peak Current	amps	8.89	0.07	8.89	8.89	8.99	9.03	8.73
Decay Phase Peak Voltage	volts	4458	34	4456	4454	4505	4525	4376
Decay Phase Energy	millijoules	240.7	3.9	240.4	240.7	246.3	248.4	232.1
Full Pulse Duration	microseconds	38.3	0.2	38.3	38.3	38.6	38.9	38.1
Full Pulse Net Charge	microcoulombs	29.2	1.4	29.0	29.3	30.9	31.3	26.7
Full Pulse Total Charge	microcoulombs	174.2	1.2	174.1	174.3	176.0	176.9	171.6
Full Pulse Energy	millijoules	696.6	7.9	695.8	696.5	708.4	714.2	675.0
Pulse Rate	pulses/second	10.063						
Charge/Second	milliamps	0.5						
Energy/Second	watts	7.0						
Duration of Cycle	seconds	5.2670						
Total Number of Pulses	-	54						

CEW Details

Model Number	-	M26
Serial Number	-	P2-005480
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:**Below Tolerance****TI CEW Operating Parameters**

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	7.6	7	12
Strike Phase Net Charge	microcoulombs	Below Tolerance	59.4	70	120
Strike Phase Peak Current	amps	Below Tolerance	12.59	13.8	18.8
Strike Phase Peak Voltage	volts	Below Tolerance	6309	6900	9400
Full Pulse Duration	microseconds	Below Tolerance	30.9	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	24.4	15	55
Pulse Rate	pulses/second	In Tolerance	14.109	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	7.6	0.0	7.6	7.6	7.6	7.6	7.5
Strike Phase Net Charge	microcoulombs	59.4	0.5	59.0	59.4	60.3	60.5	58.2
Strike Phase Total Charge	microcoulombs	59.4	0.5	59.0	59.4	60.3	60.5	58.2
Strike Phase Peak Current	amps	12.58	0.11	12.50	12.59	12.78	12.82	12.36
Strike Phase Peak Voltage	volts	6307	54	6266	6309	6403	6428	6197
Strike Phase Energy	millijoules	293.1	5.1	289.3	293.5	302.5	304.7	282.2
Decay Phase Duration	microseconds	23.3	0.1	23.3	23.3	23.4	23.5	23.1
Decay Phase Net Charge	microcoulombs	35.0	0.8	34.8	35.1	36.3	36.8	33.6
Decay Phase Total Charge	microcoulombs	67.3	0.8	66.7	67.5	68.7	69.2	65.5
Decay Phase Peak Current	amps	7.73	0.07	7.68	7.75	7.85	7.90	7.59
Decay Phase Peak Voltage	volts	3877	36	3852	3886	3937	3959	3803
Decay Phase Energy	millijoules	151.6	3.1	149.3	152.3	157.2	158.7	144.3
Full Pulse Duration	microseconds	30.9	0.1	30.8	30.9	31.0	31.0	30.7
Full Pulse Net Charge	microcoulombs	24.4	1.0	24.2	24.4	25.6	25.8	22.4
Full Pulse Total Charge	microcoulombs	126.7	1.2	125.7	126.9	128.8	129.7	124.2
Full Pulse Energy	millijoules	444.7	7.6	438.6	445.9	458.7	463.4	430.3
Pulse Rate	pulses/second	14.109						
Charge/Second	milliamps	0.5						
Energy/Second	watts	6.3						
Duration of Cycle	seconds	5.0324						
Total Number of Pulses	-	72						

CEW Details

Model Number	-	M26
Serial Number	-	P2-005481
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:**Below Tolerance****TI CEW Operating Parameters**

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.1	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	84.6	70	120
Strike Phase Peak Current	amps	In Tolerance	14.86	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	7449	6900	9400
Full Pulse Duration	microseconds	In Tolerance	38.7	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	30.8	15	55
Pulse Rate	pulses/second	Below Tolerance	10.901	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.1	0.0	9.1	9.1	9.2	9.2	9.1
Strike Phase Net Charge	microcoulombs	84.4	0.6	84.2	84.6	85.1	85.9	82.2
Strike Phase Total Charge	microcoulombs	84.4	0.6	84.2	84.6	85.1	85.9	82.2
Strike Phase Peak Current	amps	14.81	0.12	14.78	14.86	14.97	15.09	14.38
Strike Phase Peak Voltage	volts	7425	61	7409	7449	7504	7563	7210
Strike Phase Energy	millijoules	489.2	7.2	487.1	492.3	498.6	507.6	464.8
Decay Phase Duration	microseconds	29.6	0.2	29.6	29.6	29.8	29.9	29.3
Decay Phase Net Charge	microcoulombs	53.8	1.0	53.6	53.9	55.5	55.7	51.8
Decay Phase Total Charge	microcoulombs	96.6	1.1	96.0	97.1	98.1	98.3	94.0
Decay Phase Peak Current	amps	9.17	0.08	9.13	9.21	9.29	9.33	8.95
Decay Phase Peak Voltage	volts	4595	42	4577	4614	4657	4678	4486
Decay Phase Energy	millijoules	257.0	4.9	254.4	259.4	264.0	265.3	243.8
Full Pulse Duration	microseconds	38.7	0.1	38.7	38.7	38.9	39.1	38.5
Full Pulse Net Charge	microcoulombs	30.6	1.2	30.5	30.8	32.3	32.5	28.4
Full Pulse Total Charge	microcoulombs	180.9	1.5	180.1	181.7	182.9	183.7	176.2
Full Pulse Energy	millijoules	746.2	11.3	741.5	751.7	761.1	772.2	708.6
Pulse Rate	pulses/second	10.901						
Charge/Second	milliamps	0.6						
Energy/Second	watts	8.1						
Duration of Cycle	seconds	5.6875						
Total Number of Pulses	-	63						

CEW Details

Model Number	-	M26
Serial Number	-	P2-005902
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:
Below Tolerance
TI CEW Operating Parameters

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.0	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	78.9	70	120
Strike Phase Peak Current	amps	In Tolerance	14.20	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	7117	6900	9400
Full Pulse Duration	microseconds	In Tolerance	38.3	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	26.8	15	55
Pulse Rate	pulses/second	Below Tolerance	10.307	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.0	0.0	9.0	9.0	9.0	9.0	8.9
Strike Phase Net Charge	microcoulombs	79.1	0.8	79.4	78.9	80.2	80.4	77.4
Strike Phase Total Charge	microcoulombs	79.1	0.8	79.4	78.9	80.2	80.4	77.4
Strike Phase Peak Current	amps	14.24	0.16	14.31	14.20	14.46	14.53	13.91
Strike Phase Peak Voltage	volts	7136	82	7171	7117	7250	7283	6971
Strike Phase Energy	millijoules	438.6	9.4	442.2	436.2	451.4	454.8	419.5
Decay Phase Duration	microseconds	29.0	2.7	29.4	29.3	29.5	29.6	9.9
Decay Phase Net Charge	microcoulombs	52.3	1.3	52.5	52.1	54.5	57.1	50.4
Decay Phase Total Charge	microcoulombs	96.4	5.8	97.4	97.0	99.1	100.0	57.1
Decay Phase Peak Current	amps	8.98	0.10	9.03	8.95	9.12	9.17	8.77
Decay Phase Peak Voltage	volts	4499	51	4524	4488	4573	4594	4395
Decay Phase Energy	millijoules	252.2	9.4	254.8	252.3	262.2	265.7	201.3
Full Pulse Duration	microseconds	38.0	2.7	38.3	38.3	38.5	38.5	18.9
Full Pulse Net Charge	microcoulombs	26.8	1.5	26.9	26.8	28.4	28.9	21.4
Full Pulse Total Charge	microcoulombs	175.5	6.0	176.8	176.0	179.0	180.4	135.6
Full Pulse Energy	millijoules	690.8	16.7	696.9	688.5	712.2	720.4	634.3
Pulse Rate	pulses/second	10.307						
Charge/Second	milliamps	0.5						
Energy/Second	watts	7.1						
Duration of Cycle	seconds	4.8510						
Total Number of Pulses	-	51						

CEW Details

Model Number	-	M26
Serial Number	-	P2-005926
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:**Below Tolerance****TI CEW Operating Parameters**

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.0	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	78.8	70	120
Strike Phase Peak Current	amps	In Tolerance	14.19	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	7112	6900	9400
Full Pulse Duration	microseconds	In Tolerance	38.3	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	27.4	15	55
Pulse Rate	pulses/second	Below Tolerance	11.141	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.0	0.0	9.0	9.0	9.0	9.0	8.9
Strike Phase Net Charge	microcoulombs	78.5	0.6	78.2	78.8	79.3	79.6	76.8
Strike Phase Total Charge	microcoulombs	78.5	0.6	78.2	78.8	79.3	79.6	76.8
Strike Phase Peak Current	amps	14.13	0.12	14.09	14.19	14.30	14.36	13.83
Strike Phase Peak Voltage	volts	7081	61	7063	7112	7169	7200	6932
Strike Phase Energy	millijoules	432.0	6.9	429.2	435.6	442.0	444.8	414.0
Decay Phase Duration	microseconds	29.3	0.1	29.3	29.3	29.5	29.6	29.1
Decay Phase Net Charge	microcoulombs	51.1	1.0	51.1	51.4	52.9	53.2	49.6
Decay Phase Total Charge	microcoulombs	93.5	1.0	93.0	94.2	95.0	95.6	91.4
Decay Phase Peak Current	amps	8.76	0.08	8.73	8.81	8.87	8.96	8.58
Decay Phase Peak Voltage	volts	4390	41	4374	4416	4448	4490	4299
Decay Phase Energy	millijoules	237.7	4.6	235.7	240.9	244.5	248.1	228.7
Full Pulse Duration	microseconds	38.3	0.1	38.3	38.3	38.5	38.6	38.1
Full Pulse Net Charge	microcoulombs	27.3	1.3	27.1	27.4	28.9	29.3	25.0
Full Pulse Total Charge	microcoulombs	171.9	1.5	171.2	173.0	174.0	174.8	168.6
Full Pulse Energy	millijoules	669.8	10.7	664.9	676.5	685.0	690.7	643.8
Pulse Rate	pulses/second	11.141						
Charge/Second	milliamps	0.6						
Energy/Second	watts	7.5						
Duration of Cycle	seconds	4.6674						
Total Number of Pulses	-	53						

CEW Details

Model Number	-	M26
Serial Number	-	P2-010742
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:**Below Tolerance****TI CEW Operating Parameters**

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.0	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	79.9	70	120
Strike Phase Peak Current	amps	In Tolerance	14.28	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	7156	6900	9400
Full Pulse Duration	microseconds	In Tolerance	37.8	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	29.2	15	55
Pulse Rate	pulses/second	Below Tolerance	11.198	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.0	0.0	8.9	9.0	9.0	9.0	8.9
Strike Phase Net Charge	microcoulombs	79.9	0.5	79.6	79.9	80.5	80.6	78.5
Strike Phase Total Charge	microcoulombs	79.9	0.5	79.6	79.9	80.5	80.6	78.5
Strike Phase Peak Current	amps	14.29	0.09	14.25	14.28	14.42	14.44	14.00
Strike Phase Peak Voltage	volts	7163	46	7142	7156	7226	7238	7017
Strike Phase Energy	millijoules	447.0	5.5	444.2	446.6	453.9	454.7	430.5
Decay Phase Duration	microseconds	28.8	0.2	28.8	28.8	29.1	29.3	28.6
Decay Phase Net Charge	microcoulombs	50.7	1.1	50.5	50.7	52.4	52.6	48.5
Decay Phase Total Charge	microcoulombs	91.2	1.2	90.7	91.2	93.0	93.5	88.3
Decay Phase Peak Current	amps	8.86	0.07	8.82	8.86	8.96	8.98	8.62
Decay Phase Peak Voltage	volts	4441	37	4419	4441	4492	4501	4321
Decay Phase Energy	millijoules	234.8	4.6	232.2	234.6	241.6	243.3	222.2
Full Pulse Duration	microseconds	37.8	0.2	37.8	37.8	38.1	38.2	37.5
Full Pulse Net Charge	microcoulombs	29.1	1.3	29.1	29.2	30.9	31.1	26.8
Full Pulse Total Charge	microcoulombs	171.1	1.4	170.3	171.1	173.1	173.6	167.2
Full Pulse Energy	millijoules	681.7	8.7	676.4	681.2	692.8	695.9	652.7
Pulse Rate	pulses/second	11.198						
Charge/Second	milliamps	0.6						
Energy/Second	watts	7.6						
Duration of Cycle	seconds	5.4476						
Total Number of Pulses	-	62						

CEW Details

Model Number	-	M26
Serial Number	-	P2-010769
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:**Below Tolerance****TI CEW Operating Parameters**

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.0	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	77.0	70	120
Strike Phase Peak Current	amps	Below Tolerance	13.65	13.8	18.8
Strike Phase Peak Voltage	volts	Below Tolerance	6840	6900	9400
Full Pulse Duration	microseconds	In Tolerance	37.8	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	27.7	15	55
Pulse Rate	pulses/second	In Tolerance	12.417	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.0	0.0	9.0	9.0	9.0	9.0	9.0
Strike Phase Net Charge	microcoulombs	76.7	0.8	76.0	77.0	78.1	78.9	75.3
Strike Phase Total Charge	microcoulombs	76.7	0.8	76.0	77.0	78.1	78.9	75.3
Strike Phase Peak Current	amps	13.59	0.17	13.44	13.65	13.88	14.07	13.30
Strike Phase Peak Voltage	volts	6813	85	6735	6840	6956	7051	6665
Strike Phase Energy	millijoules	409.1	9.2	401.0	412.3	424.9	434.2	392.8
Decay Phase Duration	microseconds	28.8	0.2	28.9	28.8	29.1	29.4	28.6
Decay Phase Net Charge	microcoulombs	49.1	1.0	48.5	49.3	50.6	51.1	47.1
Decay Phase Total Charge	microcoulombs	88.4	1.3	86.9	89.1	90.6	91.5	85.2
Decay Phase Peak Current	amps	8.50	0.11	8.38	8.54	8.69	8.79	8.24
Decay Phase Peak Voltage	volts	4260	56	4203	4282	4354	4407	4132
Decay Phase Energy	millijoules	218.5	6.0	211.8	221.2	228.5	234.0	204.4
Full Pulse Duration	microseconds	37.8	0.2	37.9	37.8	38.1	38.4	37.6
Full Pulse Net Charge	microcoulombs	27.6	1.2	27.5	27.7	29.1	29.3	25.5
Full Pulse Total Charge	microcoulombs	165.1	2.1	162.9	166.1	168.5	170.4	160.5
Full Pulse Energy	millijoules	627.6	14.8	612.8	633.5	652.9	668.2	597.2
Pulse Rate	pulses/second	12.417						
Charge/Second	milliamps	0.6						
Energy/Second	watts	7.8						
Duration of Cycle	seconds	4.7516						
Total Number of Pulses	-	60						

CEW Details

Model Number	-	M26
Serial Number	-	P2-010794
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:**Below Tolerance****TI CEW Operating Parameters**

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	8.9	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	77.2	70	120
Strike Phase Peak Current	amps	In Tolerance	13.82	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	6927	6900	9400
Full Pulse Duration	microseconds	In Tolerance	37.7	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	27.9	15	55
Pulse Rate	pulses/second	Below Tolerance	10.652	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	8.9	0.0	8.9	8.9	9.0	9.0	8.9
Strike Phase Net Charge	microcoulombs	77.6	1.0	78.2	77.2	78.9	79.3	75.3
Strike Phase Total Charge	microcoulombs	77.6	1.0	78.2	77.2	78.9	79.3	75.3
Strike Phase Peak Current	amps	13.90	0.21	14.02	13.82	14.17	14.21	13.45
Strike Phase Peak Voltage	volts	6966	107	7028	6927	7101	7125	6742
Strike Phase Energy	millijoules	422.4	12.0	429.2	417.9	437.6	441.3	397.4
Decay Phase Duration	microseconds	28.8	0.2	28.8	28.8	29.1	29.3	28.5
Decay Phase Net Charge	microcoulombs	49.6	1.3	50.0	49.4	51.6	52.2	46.9
Decay Phase Total Charge	microcoulombs	88.9	1.6	89.5	88.6	91.2	91.9	85.0
Decay Phase Peak Current	amps	8.59	0.15	8.67	8.55	8.80	8.85	8.22
Decay Phase Peak Voltage	volts	4308	75	4346	4284	4411	4437	4119
Decay Phase Energy	millijoules	221.9	7.6	225.4	219.9	232.3	235.1	204.1
Full Pulse Duration	microseconds	37.7	0.1	37.7	37.7	38.0	38.2	37.5
Full Pulse Net Charge	microcoulombs	28.0	1.2	28.2	27.9	29.5	29.6	25.3
Full Pulse Total Charge	microcoulombs	166.5	2.5	167.7	165.8	169.8	170.7	160.5
Full Pulse Energy	millijoules	644.3	19.0	654.5	637.8	668.7	675.4	601.5
Pulse Rate	pulses/second	10.652						
Charge/Second	milliamps	0.5						
Energy/Second	watts	6.9						
Duration of Cycle	seconds	4.6002						
Total Number of Pulses	-	50						

CEW Details

Model Number	-	M26
Serial Number	-	P2-010840
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:**Below Tolerance****TI CEW Operating Parameters**

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.0	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	83.0	70	120
Strike Phase Peak Current	amps	In Tolerance	14.85	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	7442	6900	9400
Full Pulse Duration	microseconds	In Tolerance	37.8	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	29.6	15	55
Pulse Rate	pulses/second	Below Tolerance	10.453	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.0	0.0	9.0	9.0	9.0	9.0	8.9
Strike Phase Net Charge	microcoulombs	83.1	0.8	82.5	83.0	84.2	85.1	81.3
Strike Phase Total Charge	microcoulombs	83.1	0.8	82.5	83.0	84.2	85.1	81.3
Strike Phase Peak Current	amps	14.87	0.16	14.76	14.85	15.10	15.25	14.53
Strike Phase Peak Voltage	volts	7453	81	7396	7442	7571	7646	7283
Strike Phase Energy	millijoules	483.4	9.9	476.7	482.4	498.0	507.5	462.5
Decay Phase Duration	microseconds	28.9	0.2	29.0	28.8	29.2	29.3	28.7
Decay Phase Net Charge	microcoulombs	53.5	1.0	53.1	53.4	55.1	55.8	51.3
Decay Phase Total Charge	microcoulombs	97.6	1.4	96.3	97.8	99.6	100.2	94.2
Decay Phase Peak Current	amps	9.33	0.11	9.25	9.33	9.50	9.55	9.08
Decay Phase Peak Voltage	volts	4678	54	4635	4678	4760	4786	4554
Decay Phase Energy	millijoules	264.5	6.7	258.6	265.0	274.4	278.2	249.1
Full Pulse Duration	microseconds	37.9	0.1	37.9	37.8	38.1	38.3	37.6
Full Pulse Net Charge	microcoulombs	29.6	1.2	29.4	29.6	31.2	31.4	27.2
Full Pulse Total Charge	microcoulombs	180.7	2.1	178.8	180.8	183.6	185.3	176.0
Full Pulse Energy	millijoules	748.0	16.0	735.3	747.4	771.2	785.8	717.0
Pulse Rate	pulses/second	10.453						
Charge/Second	milliamps	0.6						
Energy/Second	watts	7.8						
Duration of Cycle	seconds	4.7833						
Total Number of Pulses	-	51						

CEW Details

Model Number	-	M26
Serial Number	-	P2-011945
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:**Below Tolerance****TI CEW Operating Parameters**

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.0	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	85.8	70	120
Strike Phase Peak Current	amps	In Tolerance	15.36	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	7697	6900	9400
Full Pulse Duration	microseconds	In Tolerance	38.0	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	29.7	15	55
Pulse Rate	pulses/second	Below Tolerance	9.477	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.0	0.0	9.0	9.0	9.0	9.0	8.9
Strike Phase Net Charge	microcoulombs	85.4	0.8	85.2	85.8	86.4	86.8	83.7
Strike Phase Total Charge	microcoulombs	85.4	0.8	85.2	85.8	86.4	86.8	83.7
Strike Phase Peak Current	amps	15.27	0.16	15.25	15.36	15.50	15.56	14.91
Strike Phase Peak Voltage	volts	7655	80	7644	7697	7767	7800	7475
Strike Phase Energy	millijoules	510.0	9.7	508.4	515.1	523.8	528.6	489.2
Decay Phase Duration	microseconds	29.1	0.2	29.1	29.1	29.4	29.7	28.8
Decay Phase Net Charge	microcoulombs	55.8	1.2	55.7	56.0	57.5	58.3	53.6
Decay Phase Total Charge	microcoulombs	102.9	1.5	102.5	103.8	105.1	106.3	99.5
Decay Phase Peak Current	amps	9.73	0.12	9.72	9.80	9.90	9.97	9.48
Decay Phase Peak Voltage	volts	4878	59	4870	4910	4962	5000	4752
Decay Phase Energy	millijoules	291.3	7.7	289.5	295.8	302.3	307.8	274.5
Full Pulse Duration	microseconds	38.0	0.2	38.0	38.0	38.4	38.6	37.8
Full Pulse Net Charge	microcoulombs	29.6	1.3	29.5	29.7	31.1	31.5	27.3
Full Pulse Total Charge	microcoulombs	188.3	2.2	187.7	189.6	191.3	192.5	183.3
Full Pulse Energy	millijoules	801.3	16.8	797.9	810.9	825.0	831.4	764.6
Pulse Rate	pulses/second	9.477						
Charge/Second	milliamps	0.5						
Energy/Second	watts	7.6						
Duration of Cycle	seconds	4.6429						
Total Number of Pulses	-	45						

CEW Details

Model Number	-	M26
Serial Number	-	P2-013862
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:
In Tolerance
TI CEW Operating Parameters

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.2	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	81.3	70	120
Strike Phase Peak Current	amps	In Tolerance	14.15	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	7091	6900	9400
Full Pulse Duration	microseconds	In Tolerance	39.0	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	30.4	15	55
Pulse Rate	pulses/second	In Tolerance	11.870	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.2	0.0	9.2	9.2	9.3	9.3	9.2
Strike Phase Net Charge	microcoulombs	81.0	1.0	82.1	81.3	82.4	83.1	77.8
Strike Phase Total Charge	microcoulombs	81.0	1.0	82.1	81.3	82.4	83.1	77.8
Strike Phase Peak Current	amps	14.09	0.21	14.32	14.15	14.38	14.48	13.42
Strike Phase Peak Voltage	volts	7064	104	7180	7091	7208	7259	6729
Strike Phase Energy	millijoules	447.3	12.1	461.1	450.6	464.6	471.5	410.0
Decay Phase Duration	microseconds	29.4	2.6	29.8	29.8	30.2	30.6	9.9
Decay Phase Net Charge	microcoulombs	50.8	1.4	51.4	50.9	53.0	54.1	47.1
Decay Phase Total Charge	microcoulombs	87.8	4.8	89.7	88.9	90.7	91.2	54.1
Decay Phase Peak Current	amps	8.50	0.14	8.64	8.55	8.70	8.74	8.05
Decay Phase Peak Voltage	volts	4261	68	4328	4285	4362	4383	4037
Decay Phase Energy	millijoules	217.7	8.8	225.2	220.9	228.8	230.3	180.2
Full Pulse Duration	microseconds	38.7	2.6	39.0	39.0	39.4	39.7	19.2
Full Pulse Net Charge	microcoulombs	30.2	1.4	30.7	30.4	31.9	32.3	27.0
Full Pulse Total Charge	microcoulombs	168.8	5.2	171.8	170.2	172.9	173.7	135.2
Full Pulse Energy	millijoules	665.0	19.5	686.3	671.4	692.5	699.9	604.2
Pulse Rate	pulses/second	11.870						
Charge/Second	milliamps	0.6						
Energy/Second	watts	7.9						
Duration of Cycle	seconds	4.8020						
Total Number of Pulses	-	58						

CEW Details

Model Number	-	M26
Serial Number	-	P2-013866
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:
Below Tolerance
TI CEW Operating Parameters

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.1	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	82.9	70	120
Strike Phase Peak Current	amps	In Tolerance	14.68	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	7356	6900	9400
Full Pulse Duration	microseconds	In Tolerance	38.6	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	31.9	15	55
Pulse Rate	pulses/second	Below Tolerance	10.429	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.1	0.0	9.0	9.1	9.1	9.1	9.0
Strike Phase Net Charge	microcoulombs	82.0	0.8	81.2	82.9	83.1	83.4	80.3
Strike Phase Total Charge	microcoulombs	82.0	0.8	81.2	82.9	83.1	83.4	80.3
Strike Phase Peak Current	amps	14.50	0.16	14.36	14.68	14.71	14.75	14.12
Strike Phase Peak Voltage	volts	7267	78	7200	7356	7372	7394	7080
Strike Phase Energy	millijoules	465.8	9.5	457.3	476.9	478.6	482.8	445.0
Decay Phase Duration	microseconds	29.7	0.3	29.7	29.5	30.3	30.7	29.2
Decay Phase Net Charge	microcoulombs	50.6	1.2	50.1	51.0	52.5	52.8	48.2
Decay Phase Total Charge	microcoulombs	85.2	1.4	84.1	86.6	87.0	87.8	81.7
Decay Phase Peak Current	amps	8.47	0.11	8.37	8.60	8.62	8.71	8.18
Decay Phase Peak Voltage	volts	4246	57	4198	4309	4323	4365	4102
Decay Phase Energy	millijoules	209.7	5.9	204.5	216.2	217.3	221.5	194.7
Full Pulse Duration	microseconds	38.7	0.3	38.7	38.6	39.3	39.7	38.3
Full Pulse Net Charge	microcoulombs	31.4	1.3	31.1	31.9	33.0	33.4	29.0
Full Pulse Total Charge	microcoulombs	167.2	2.0	165.3	169.5	169.9	170.9	162.0
Full Pulse Energy	millijoules	675.5	14.8	661.8	693.1	695.2	701.3	639.8
Pulse Rate	pulses/second	10.429						
Charge/Second	milliamps	0.5						
Energy/Second	watts	7.0						
Duration of Cycle	seconds	5.0818						
Total Number of Pulses	-	54						

CEW Details

Model Number	-	M26
Serial Number	-	P2-013886
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:**Below Tolerance****TI CEW Operating Parameters**

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.1	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	84.6	70	120
Strike Phase Peak Current	amps	In Tolerance	15.13	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	7586	6900	9400
Full Pulse Duration	microseconds	In Tolerance	39.1	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	29.1	15	55
Pulse Rate	pulses/second	Below Tolerance	9.884	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.1	0.0	9.1	9.1	9.1	9.2	9.0
Strike Phase Net Charge	microcoulombs	84.5	0.8	84.1	84.6	85.6	86.1	82.7
Strike Phase Total Charge	microcoulombs	84.5	0.8	84.1	84.6	85.6	86.1	82.7
Strike Phase Peak Current	amps	15.10	0.18	15.03	15.13	15.33	15.44	14.72
Strike Phase Peak Voltage	volts	7570	88	7535	7586	7683	7739	7378
Strike Phase Energy	millijoules	496.3	10.7	491.5	498.1	510.3	516.5	473.8
Decay Phase Duration	microseconds	30.1	0.1	30.1	30.0	30.3	30.4	29.9
Decay Phase Net Charge	microcoulombs	55.5	1.2	55.2	55.5	57.2	57.9	53.2
Decay Phase Total Charge	microcoulombs	101.9	1.5	100.9	102.4	103.9	104.6	98.6
Decay Phase Peak Current	amps	9.31	0.13	9.25	9.34	9.47	9.55	9.04
Decay Phase Peak Voltage	volts	4667	63	4637	4681	4749	4787	4529
Decay Phase Energy	millijoules	275.7	7.6	271.1	277.9	285.3	288.8	259.2
Full Pulse Duration	microseconds	39.2	0.1	39.2	39.1	39.4	39.5	39.0
Full Pulse Net Charge	microcoulombs	29.0	1.3	28.9	29.1	30.4	30.6	26.7
Full Pulse Total Charge	microcoulombs	186.4	2.2	185.0	187.1	189.4	190.0	181.7
Full Pulse Energy	millijoules	771.9	17.7	762.5	776.0	795.0	803.5	736.0
Pulse Rate	pulses/second	9.884						
Charge/Second	milliamps	0.5						
Energy/Second	watts	7.6						
Duration of Cycle	seconds	4.7552						
Total Number of Pulses	-	48						

CEW Details

Model Number	-	M26
Serial Number	-	P2-013892
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:**In Tolerance****TI CEW Operating Parameters**

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.2	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	80.8	70	120
Strike Phase Peak Current	amps	In Tolerance	14.02	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	7029	6900	9400
Full Pulse Duration	microseconds	In Tolerance	39.1	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	29.9	15	55
Pulse Rate	pulses/second	In Tolerance	11.365	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.2	0.0	9.2	9.2	9.2	9.2	9.2
Strike Phase Net Charge	microcoulombs	81.4	0.8	82.5	80.8	82.8	83.6	80.1
Strike Phase Total Charge	microcoulombs	81.4	0.8	82.5	80.8	82.8	83.6	80.1
Strike Phase Peak Current	amps	14.15	0.16	14.40	14.02	14.46	14.59	13.90
Strike Phase Peak Voltage	volts	7094	82	7216	7029	7248	7313	6967
Strike Phase Energy	millijoules	451.4	9.6	465.2	444.1	469.2	478.1	436.3
Decay Phase Duration	microseconds	29.9	0.2	29.8	29.8	30.3	30.8	29.5
Decay Phase Net Charge	microcoulombs	51.2	1.2	52.0	50.9	53.2	54.1	49.3
Decay Phase Total Charge	microcoulombs	88.9	1.3	90.3	88.4	91.1	92.3	86.5
Decay Phase Peak Current	amps	8.54	0.11	8.68	8.47	8.74	8.87	8.36
Decay Phase Peak Voltage	volts	4282	55	4350	4246	4381	4444	4190
Decay Phase Energy	millijoules	220.5	5.7	227.4	217.5	230.7	236.6	211.1
Full Pulse Duration	microseconds	39.1	0.2	39.0	39.1	39.5	40.0	38.8
Full Pulse Net Charge	microcoulombs	30.1	1.4	30.5	29.9	31.8	32.2	27.5
Full Pulse Total Charge	microcoulombs	170.3	1.9	172.7	169.2	173.7	175.2	167.3
Full Pulse Energy	millijoules	671.9	14.7	692.6	661.6	699.5	709.9	648.8
Pulse Rate	pulses/second	11.365						
Charge/Second	milliamps	0.6						
Energy/Second	watts	7.6						
Duration of Cycle	seconds	4.6636						
Total Number of Pulses	-	54						

CEW Details

Model Number	-	M26
Serial Number	-	P2-014034
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:**In Tolerance****TI CEW Operating Parameters**

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.2	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	81.5	70	120
Strike Phase Peak Current	amps	In Tolerance	14.20	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	7118	6900	9400
Full Pulse Duration	microseconds	In Tolerance	38.7	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	30.9	15	55
Pulse Rate	pulses/second	In Tolerance	11.402	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.2	0.0	9.2	9.2	9.2	9.2	9.1
Strike Phase Net Charge	microcoulombs	81.4	0.8	80.5	81.5	82.5	82.6	78.7
Strike Phase Total Charge	microcoulombs	81.4	0.8	80.5	81.5	82.5	82.6	78.7
Strike Phase Peak Current	amps	14.19	0.15	14.01	14.20	14.39	14.44	13.70
Strike Phase Peak Voltage	volts	7114	76	7023	7118	7214	7236	6868
Strike Phase Energy	millijoules	452.9	9.2	442.5	453.5	465.1	467.1	422.9
Decay Phase Duration	microseconds	29.6	0.2	29.6	29.5	29.9	30.1	29.2
Decay Phase Net Charge	microcoulombs	50.5	1.0	50.0	50.6	52.2	52.7	48.4
Decay Phase Total Charge	microcoulombs	87.6	1.2	86.2	87.9	89.2	89.6	84.6
Decay Phase Peak Current	amps	8.51	0.10	8.39	8.53	8.63	8.67	8.24
Decay Phase Peak Voltage	volts	4267	50	4208	4277	4327	4346	4128
Decay Phase Energy	millijoules	216.9	5.3	210.2	218.0	223.5	225.4	202.6
Full Pulse Duration	microseconds	38.7	0.2	38.8	38.7	39.0	39.2	38.5
Full Pulse Net Charge	microcoulombs	30.9	1.3	30.5	30.9	32.5	33.0	28.5
Full Pulse Total Charge	microcoulombs	169.0	1.9	166.7	169.4	171.3	171.6	163.2
Full Pulse Energy	millijoules	669.8	13.9	652.7	671.5	686.9	691.1	625.5
Pulse Rate	pulses/second	11.402						
Charge/Second	milliamps	0.6						
Energy/Second	watts	7.6						
Duration of Cycle	seconds	4.9991						
Total Number of Pulses	-	58						

CEW Details

Model Number	-	M26
Serial Number	-	P2-014104
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:
Below Tolerance
TI CEW Operating Parameters

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.1	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	79.4	70	120
Strike Phase Peak Current	amps	In Tolerance	13.99	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	7013	6900	9400
Full Pulse Duration	microseconds	In Tolerance	38.5	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	30.2	15	55
Pulse Rate	pulses/second	Below Tolerance	11.143	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.1	0.0	9.1	9.1	9.2	9.2	9.1
Strike Phase Net Charge	microcoulombs	79.7	0.7	79.8	79.4	80.6	81.1	77.7
Strike Phase Total Charge	microcoulombs	79.7	0.7	79.8	79.4	80.6	81.1	77.7
Strike Phase Peak Current	amps	14.04	0.15	14.08	13.99	14.23	14.33	13.70
Strike Phase Peak Voltage	volts	7039	75	7057	7013	7134	7184	6865
Strike Phase Energy	millijoules	437.6	8.5	439.2	434.4	448.6	454.3	416.3
Decay Phase Duration	microseconds	29.4	0.2	29.4	29.4	29.7	29.8	29.1
Decay Phase Net Charge	microcoulombs	49.3	1.1	49.4	49.2	51.1	51.7	46.8
Decay Phase Total Charge	microcoulombs	86.6	1.2	86.5	86.4	88.5	88.7	83.7
Decay Phase Peak Current	amps	8.41	0.10	8.43	8.39	8.57	8.60	8.16
Decay Phase Peak Voltage	volts	4217	50	4226	4207	4294	4313	4092
Decay Phase Energy	millijoules	211.9	5.2	212.0	211.1	220.0	221.1	199.5
Full Pulse Duration	microseconds	38.5	0.1	38.5	38.5	38.8	38.9	38.2
Full Pulse Net Charge	microcoulombs	30.4	1.2	30.4	30.2	31.9	32.2	28.0
Full Pulse Total Charge	microcoulombs	166.2	1.8	166.2	165.8	168.9	169.2	162.2
Full Pulse Energy	millijoules	649.5	13.1	651.1	645.4	667.7	671.9	619.0
Pulse Rate	pulses/second	11.143						
Charge/Second	milliamps	0.5						
Energy/Second	watts	7.2						
Duration of Cycle	seconds	4.8463						
Total Number of Pulses	-	55						

CEW Details

Model Number	-	M26
Serial Number	-	P2-014112
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:
Below Tolerance
TI CEW Operating Parameters

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.2	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	77.6	70	120
Strike Phase Peak Current	amps	Below Tolerance	13.38	13.8	18.8
Strike Phase Peak Voltage	volts	Below Tolerance	6709	6900	9400
Full Pulse Duration	microseconds	In Tolerance	38.6	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	28.5	15	55
Pulse Rate	pulses/second	In Tolerance	12.308	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.2	0.0	9.2	9.2	9.2	9.2	9.1
Strike Phase Net Charge	microcoulombs	79.0	1.1	79.0	77.6	80.6	81.0	75.7
Strike Phase Total Charge	microcoulombs	79.0	1.1	79.0	77.6	80.6	81.0	75.7
Strike Phase Peak Current	amps	13.69	0.21	13.70	13.38	14.01	14.13	13.10
Strike Phase Peak Voltage	volts	6862	105	6866	6709	7022	7083	6566
Strike Phase Energy	millijoules	424.6	11.9	424.7	408.1	443.0	448.7	389.6
Decay Phase Duration	microseconds	29.4	0.1	29.3	29.4	29.6	29.7	29.1
Decay Phase Net Charge	microcoulombs	50.1	1.2	50.2	49.0	52.2	53.1	47.4
Decay Phase Total Charge	microcoulombs	89.8	1.6	89.7	87.8	92.4	93.6	86.1
Decay Phase Peak Current	amps	8.54	0.13	8.54	8.35	8.75	8.88	8.19
Decay Phase Peak Voltage	volts	4279	66	4278	4186	4386	4450	4105
Decay Phase Energy	millijoules	222.9	7.2	222.4	213.2	234.7	241.7	205.1
Full Pulse Duration	microseconds	38.6	0.1	38.6	38.6	38.8	38.9	38.4
Full Pulse Net Charge	microcoulombs	28.9	1.3	28.8	28.5	30.5	31.0	26.2
Full Pulse Total Charge	microcoulombs	168.8	2.5	168.6	165.4	172.8	174.6	161.8
Full Pulse Energy	millijoules	647.5	18.7	647.1	621.3	677.2	690.4	594.6
Pulse Rate	pulses/second	12.308						
Charge/Second	milliamps	0.6						
Energy/Second	watts	8.0						
Duration of Cycle	seconds	4.7938						
Total Number of Pulses	-	60						

CEW Details

Model Number	-	M26
Serial Number	-	P2-014243
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:**Below Tolerance****TI CEW Operating Parameters**

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	8.9	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	94.6	70	120
Strike Phase Peak Current	amps	In Tolerance	17.19	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	8617	6900	9400
Full Pulse Duration	microseconds	In Tolerance	38.6	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	33.1	15	55
Pulse Rate	pulses/second	Below Tolerance	7.768	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	8.9	0.0	8.9	8.9	8.9	9.0	8.8
Strike Phase Net Charge	microcoulombs	93.9	1.3	92.4	94.6	95.6	96.1	90.5
Strike Phase Total Charge	microcoulombs	93.9	1.3	92.4	94.6	95.6	96.1	90.5
Strike Phase Peak Current	amps	17.02	0.30	16.70	17.19	17.43	17.58	16.31
Strike Phase Peak Voltage	volts	8530	152	8372	8617	8734	8813	8174
Strike Phase Energy	millijoules	624.5	19.8	603.4	635.7	651.0	659.7	577.0
Decay Phase Duration	microseconds	29.6	0.6	29.7	29.7	30.6	31.3	29.1
Decay Phase Net Charge	microcoulombs	60.8	1.4	59.6	61.5	62.7	64.2	58.4
Decay Phase Total Charge	microcoulombs	111.1	2.6	108.3	112.9	114.4	116.8	106.2
Decay Phase Peak Current	amps	10.49	0.21	10.26	10.62	10.76	10.96	10.09
Decay Phase Peak Voltage	volts	5257	103	5141	5325	5394	5495	5060
Decay Phase Energy	millijoules	340.1	14.7	323.5	349.8	359.1	372.7	311.5
Full Pulse Duration	microseconds	38.5	0.6	38.6	38.6	39.5	40.2	38.0
Full Pulse Net Charge	microcoulombs	33.0	1.4	32.8	33.1	34.6	34.8	30.2
Full Pulse Total Charge	microcoulombs	205.0	3.8	200.7	207.5	209.9	212.8	197.1
Full Pulse Energy	millijoules	964.6	34.1	926.9	985.5	1009.6	1032.0	888.5
Pulse Rate	pulses/second	7.768						
Charge/Second	milliamps	0.5						
Energy/Second	watts	7.5						
Duration of Cycle	seconds	4.6346						
Total Number of Pulses	-	37						

CEW Details

Model Number	-	M26
Serial Number	-	P2-014301
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:
Below Tolerance
TI CEW Operating Parameters

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.0	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	90.2	70	120
Strike Phase Peak Current	amps	In Tolerance	16.27	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	8155	6900	9400
Full Pulse Duration	microseconds	In Tolerance	38.7	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	32.1	15	55
Pulse Rate	pulses/second	Below Tolerance	8.151	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	8.9	0.0	8.9	9.0	9.0	9.0	8.9
Strike Phase Net Charge	microcoulombs	90.5	1.1	90.4	90.2	92.0	92.7	87.4
Strike Phase Total Charge	microcoulombs	90.5	1.1	90.4	90.2	92.0	92.7	87.4
Strike Phase Peak Current	amps	16.32	0.26	16.31	16.27	16.68	16.82	15.70
Strike Phase Peak Voltage	volts	8182	129	8176	8155	8360	8433	7867
Strike Phase Energy	millijoules	577.3	16.0	576.3	573.8	599.0	608.3	536.2
Decay Phase Duration	microseconds	29.7	0.7	29.9	29.8	30.9	32.2	29.2
Decay Phase Net Charge	microcoulombs	58.3	1.4	58.2	58.1	60.5	61.6	55.6
Decay Phase Total Charge	microcoulombs	105.6	2.0	105.2	105.4	108.4	109.0	102.1
Decay Phase Peak Current	amps	10.02	0.16	10.00	9.99	10.23	10.28	9.67
Decay Phase Peak Voltage	volts	5022	81	5013	5010	5130	5152	4846
Decay Phase Energy	millijoules	307.3	10.6	305.2	305.6	322.0	324.5	285.2
Full Pulse Duration	microseconds	38.7	0.7	38.8	38.7	39.8	41.1	38.1
Full Pulse Net Charge	microcoulombs	32.2	1.5	32.2	32.1	33.9	34.1	29.2
Full Pulse Total Charge	microcoulombs	196.1	3.0	195.5	195.7	200.1	201.0	189.5
Full Pulse Energy	millijoules	884.6	26.0	881.5	879.4	920.0	932.8	821.4
Pulse Rate	pulses/second	8.151						
Charge/Second	milliamps	0.5						
Energy/Second	watts	7.2						
Duration of Cycle	seconds	4.9076						
Total Number of Pulses	-	41						

CEW Details

Model Number	-	M26
Serial Number	-	P2-014317
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:
Below Tolerance
TI CEW Operating Parameters

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.2	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	88.5	70	120
Strike Phase Peak Current	amps	In Tolerance	15.44	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	7741	6900	9400
Full Pulse Duration	microseconds	In Tolerance	39.6	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	32.5	15	55
Pulse Rate	pulses/second	Below Tolerance	9.765	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.2	0.0	9.2	9.2	9.2	9.3	9.2
Strike Phase Net Charge	microcoulombs	87.5	0.9	86.6	88.5	88.7	89.3	84.5
Strike Phase Total Charge	microcoulombs	87.5	0.9	86.6	88.5	88.7	89.3	84.5
Strike Phase Peak Current	amps	15.25	0.17	15.07	15.44	15.48	15.60	14.70
Strike Phase Peak Voltage	volts	7643	83	7555	7741	7761	7819	7370
Strike Phase Energy	millijoules	521.8	11.0	510.5	534.8	537.8	545.8	486.6
Decay Phase Duration	microseconds	30.2	0.4	30.0	30.4	30.8	31.8	29.8
Decay Phase Net Charge	microcoulombs	55.2	1.2	54.4	56.0	57.1	58.2	53.2
Decay Phase Total Charge	microcoulombs	96.4	1.6	94.7	98.3	98.8	100.0	92.5
Decay Phase Peak Current	amps	9.18	0.12	9.05	9.32	9.36	9.45	8.88
Decay Phase Peak Voltage	volts	4602	61	4536	4674	4690	4738	4450
Decay Phase Energy	millijoules	257.1	7.5	249.2	266.2	268.1	274.5	238.2
Full Pulse Duration	microseconds	39.4	0.4	39.2	39.6	40.0	41.0	39.1
Full Pulse Net Charge	microcoulombs	32.3	1.2	32.2	32.5	33.8	33.9	30.0
Full Pulse Total Charge	microcoulombs	183.9	2.4	181.3	186.8	187.4	189.3	177.0
Full Pulse Energy	millijoules	778.9	18.1	759.7	801.0	804.9	820.3	724.8
Pulse Rate	pulses/second	9.765						
Charge/Second	milliamps	0.5						
Energy/Second	watts	7.6						
Duration of Cycle	seconds	4.7106						
Total Number of Pulses	-	47						

CEW Details

Model Number	-	M26
Serial Number	-	P2-014318
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:**Below Tolerance****TI CEW Operating Parameters**

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	8.3	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	71.1	70	120
Strike Phase Peak Current	amps	Below Tolerance	13.69	13.8	18.8
Strike Phase Peak Voltage	volts	Below Tolerance	6864	6900	9400
Full Pulse Duration	microseconds	In Tolerance	34.9	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	27.0	15	55
Pulse Rate	pulses/second	In Tolerance	12.934	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	8.3	0.0	8.3	8.3	8.4	8.4	8.3
Strike Phase Net Charge	microcoulombs	70.2	0.8	69.2	71.1	71.3	71.8	67.7
Strike Phase Total Charge	microcoulombs	70.2	0.8	69.2	71.1	71.3	71.8	67.7
Strike Phase Peak Current	amps	13.49	0.16	13.30	13.69	13.71	13.83	13.01
Strike Phase Peak Voltage	volts	6760	81	6665	6864	6874	6933	6521
Strike Phase Energy	millijoules	370.9	8.5	360.7	381.8	382.7	388.5	345.5
Decay Phase Duration	microseconds	26.6	0.1	26.6	26.6	26.8	26.9	26.4
Decay Phase Net Charge	microcoulombs	43.5	1.0	42.9	44.1	45.2	45.5	41.1
Decay Phase Total Charge	microcoulombs	78.8	1.2	77.3	80.3	80.6	81.1	75.2
Decay Phase Peak Current	amps	8.24	0.10	8.11	8.38	8.40	8.45	7.94
Decay Phase Peak Voltage	volts	4132	52	4064	4203	4210	4237	3979
Decay Phase Energy	millijoules	188.9	5.1	182.3	195.7	196.3	198.7	173.7
Full Pulse Duration	microseconds	34.9	0.1	34.9	34.9	35.1	35.2	34.7
Full Pulse Net Charge	microcoulombs	26.6	1.3	26.3	27.0	28.3	28.5	24.1
Full Pulse Total Charge	microcoulombs	149.0	1.9	146.5	151.5	151.7	152.2	143.5
Full Pulse Energy	millijoules	559.8	13.0	543.0	577.5	578.1	585.2	524.0
Pulse Rate	pulses/second	12.934						
Charge/Second	milliamps	0.6						
Energy/Second	watts	7.2						
Duration of Cycle	seconds	4.7162						
Total Number of Pulses	-	62						

CEW Details

Model Number	-	M26
Serial Number	-	P2-014338
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:**Below Tolerance****TI CEW Operating Parameters**

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.4	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	72.0	70	120
Strike Phase Peak Current	amps	Below Tolerance	12.27	13.8	18.8
Strike Phase Peak Voltage	volts	Below Tolerance	6152	6900	9400
Full Pulse Duration	microseconds	In Tolerance	40.1	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	25.0	15	55
Pulse Rate	pulses/second	In Tolerance	14.173	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.4	0.0	9.4	9.4	9.5	9.5	9.3
Strike Phase Net Charge	microcoulombs	72.0	0.8	72.5	72.0	73.3	73.4	69.3
Strike Phase Total Charge	microcoulombs	72.0	0.8	72.5	72.0	73.3	73.4	69.3
Strike Phase Peak Current	amps	12.30	0.17	12.40	12.27	12.54	12.57	11.75
Strike Phase Peak Voltage	volts	6165	84	6217	6152	6287	6298	5892
Strike Phase Energy	millijoules	345.5	8.4	350.6	344.5	358.0	359.3	318.6
Decay Phase Duration	microseconds	30.7	0.4	31.0	30.6	31.6	33.7	30.3
Decay Phase Net Charge	microcoulombs	47.1	1.2	47.4	46.9	49.0	49.4	44.8
Decay Phase Total Charge	microcoulombs	81.8	1.6	82.5	82.0	84.4	85.1	77.3
Decay Phase Peak Current	amps	7.55	0.10	7.58	7.53	7.70	7.72	7.30
Decay Phase Peak Voltage	volts	3783	50	3801	3777	3860	3869	3660
Decay Phase Energy	millijoules	179.5	5.7	181.8	179.6	188.4	190.9	164.7
Full Pulse Duration	microseconds	40.2	0.4	40.4	40.1	41.0	43.1	39.8
Full Pulse Net Charge	microcoulombs	24.9	1.4	25.2	25.0	26.8	27.1	22.4
Full Pulse Total Charge	microcoulombs	153.9	2.2	155.0	154.0	157.3	158.5	146.7
Full Pulse Energy	millijoules	525.1	13.2	532.4	524.1	545.0	549.5	483.2
Pulse Rate	pulses/second	14.173						
Charge/Second	milliamps	0.7						
Energy/Second	watts	7.4						
Duration of Cycle	seconds	4.7980						
Total Number of Pulses	-	69						

CEW Details

Model Number	-	M26
Serial Number	-	P2-014377
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:
Below Tolerance
TI CEW Operating Parameters

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	7.9	7	12
Strike Phase Net Charge	microcoulombs	Below Tolerance	64.1	70	120
Strike Phase Peak Current	amps	Below Tolerance	13.08	13.8	18.8
Strike Phase Peak Voltage	volts	Below Tolerance	6554	6900	9400
Full Pulse Duration	microseconds	In Tolerance	34.6	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	16.5	15	55
Pulse Rate	pulses/second	Below Tolerance	8.786	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	7.9	0.0	7.9	7.9	7.9	7.9	7.8
Strike Phase Net Charge	microcoulombs	63.7	0.7	63.0	64.1	64.5	64.9	62.1
Strike Phase Total Charge	microcoulombs	63.7	0.7	63.0	64.1	64.5	64.9	62.1
Strike Phase Peak Current	amps	12.98	0.16	12.82	13.08	13.20	13.29	12.66
Strike Phase Peak Voltage	volts	6508	80	6428	6554	6614	6663	6347
Strike Phase Energy	millijoules	323.9	7.2	316.5	328.5	333.3	338.0	308.6
Decay Phase Duration	microseconds	26.7	0.1	26.7	26.7	26.8	26.9	26.6
Decay Phase Net Charge	microcoulombs	47.3	1.0	46.8	47.5	48.8	49.1	45.7
Decay Phase Total Charge	microcoulombs	85.6	1.4	84.2	86.4	87.5	88.7	83.0
Decay Phase Peak Current	amps	8.90	0.12	8.78	8.98	9.08	9.21	8.69
Decay Phase Peak Voltage	volts	4462	62	4401	4499	4549	4615	4355
Decay Phase Energy	millijoules	222.1	6.6	215.6	225.9	231.4	236.8	210.8
Full Pulse Duration	microseconds	34.6	0.1	34.5	34.6	34.7	34.7	34.5
Full Pulse Net Charge	microcoulombs	16.4	1.0	16.2	16.5	17.6	17.9	14.2
Full Pulse Total Charge	microcoulombs	149.2	2.0	147.2	150.4	151.9	153.6	145.7
Full Pulse Energy	millijoules	546.0	13.4	532.1	554.4	564.3	574.9	523.6
Pulse Rate	pulses/second	8.786						
Charge/Second	milliamps	0.4						
Energy/Second	watts	4.8						
Duration of Cycle	seconds	4.6664						
Total Number of Pulses	-	42						

CEW Details

Model Number	-	M26
Serial Number	-	P2-014383
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:
Below Tolerance
TI CEW Operating Parameters

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.1	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	87.6	70	120
Strike Phase Peak Current	amps	In Tolerance	15.44	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	7740	6900	9400
Full Pulse Duration	microseconds	In Tolerance	39.4	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	30.8	15	55
Pulse Rate	pulses/second	Below Tolerance	8.823	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.1	0.0	9.1	9.1	9.2	9.2	9.1
Strike Phase Net Charge	microcoulombs	87.3	0.6	87.1	87.6	88.0	88.3	86.2
Strike Phase Total Charge	microcoulombs	87.3	0.6	87.1	87.6	88.0	88.3	86.2
Strike Phase Peak Current	amps	15.38	0.11	15.35	15.44	15.51	15.57	15.10
Strike Phase Peak Voltage	volts	7709	54	7695	7740	7776	7804	7569
Strike Phase Energy	millijoules	525.4	7.0	523.4	529.5	534.5	538.3	509.8
Decay Phase Duration	microseconds	30.3	0.3	30.5	30.3	30.9	31.6	30.0
Decay Phase Net Charge	microcoulombs	56.6	1.1	56.3	56.8	58.2	58.5	54.2
Decay Phase Total Charge	microcoulombs	100.2	1.2	99.4	101.1	101.7	102.1	96.8
Decay Phase Peak Current	amps	9.42	0.08	9.39	9.47	9.52	9.55	9.18
Decay Phase Peak Voltage	volts	4722	41	4707	4747	4770	4786	4600
Decay Phase Energy	millijoules	273.5	5.2	270.3	277.5	280.2	283.1	257.9
Full Pulse Duration	microseconds	39.5	0.3	39.6	39.4	40.0	40.7	39.2
Full Pulse Net Charge	microcoulombs	30.7	1.3	30.8	30.8	32.2	32.5	28.5
Full Pulse Total Charge	microcoulombs	187.5	1.5	186.5	188.7	189.4	190.1	183.0
Full Pulse Energy	millijoules	799.0	11.2	793.6	807.0	813.1	819.7	767.6
Pulse Rate	pulses/second	8.823						
Charge/Second	milliamps	0.5						
Energy/Second	watts	7.0						
Duration of Cycle	seconds	4.6468						
Total Number of Pulses	-	42						

CEW Details

Model Number	-	M26
Serial Number	-	P2-014388
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:
Below Tolerance
TI CEW Operating Parameters

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.0	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	82.2	70	120
Strike Phase Peak Current	amps	In Tolerance	14.73	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	7382	6900	9400
Full Pulse Duration	microseconds	In Tolerance	38.7	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	29.9	15	55
Pulse Rate	pulses/second	Below Tolerance	9.778	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.0	0.0	9.0	9.0	9.0	9.1	8.9
Strike Phase Net Charge	microcoulombs	82.9	1.3	84.5	82.2	84.9	85.6	80.4
Strike Phase Total Charge	microcoulombs	82.9	1.3	84.5	82.2	84.9	85.6	80.4
Strike Phase Peak Current	amps	14.89	0.28	15.28	14.73	15.34	15.52	14.33
Strike Phase Peak Voltage	volts	7465	142	7657	7382	7688	7777	7185
Strike Phase Energy	millijoules	482.4	16.3	504.2	473.1	508.2	517.6	450.8
Decay Phase Duration	microseconds	29.7	0.2	29.8	29.7	30.0	30.5	29.5
Decay Phase Net Charge	microcoulombs	53.0	1.4	54.3	52.3	55.3	56.8	50.3
Decay Phase Total Charge	microcoulombs	93.9	1.9	96.2	92.8	97.1	98.6	89.6
Decay Phase Peak Current	amps	8.97	0.18	9.20	8.87	9.26	9.44	8.61
Decay Phase Peak Voltage	volts	4496	90	4610	4445	4641	4733	4315
Decay Phase Energy	millijoules	244.3	9.9	256.5	238.6	260.4	269.9	223.7
Full Pulse Duration	microseconds	38.7	0.2	38.8	38.7	39.0	39.4	38.5
Full Pulse Net Charge	microcoulombs	29.9	1.3	30.3	29.9	31.6	32.2	27.5
Full Pulse Total Charge	microcoulombs	176.8	3.1	180.8	175.0	181.7	184.0	170.2
Full Pulse Energy	millijoules	726.8	25.8	760.7	711.7	767.7	787.5	675.5
Pulse Rate	pulses/second	9.778						
Charge/Second	milliamps	0.5						
Energy/Second	watts	7.1						
Duration of Cycle	seconds	4.9093						
Total Number of Pulses	-	49						

CEW Details

Model Number	-	M26
Serial Number	-	P2-014395
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:**Below Tolerance****TI CEW Operating Parameters**

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.1	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	90.9	70	120
Strike Phase Peak Current	amps	In Tolerance	16.13	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	8083	6900	9400
Full Pulse Duration	microseconds	In Tolerance	38.9	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	31.7	15	55
Pulse Rate	pulses/second	Below Tolerance	8.283	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.1	0.0	9.1	9.1	9.1	9.1	9.0
Strike Phase Net Charge	microcoulombs	90.5	0.5	90.3	90.9	91.1	91.5	89.5
Strike Phase Total Charge	microcoulombs	90.5	0.5	90.3	90.9	91.1	91.5	89.5
Strike Phase Peak Current	amps	16.04	0.10	16.00	16.13	16.17	16.26	15.77
Strike Phase Peak Voltage	volts	8039	50	8018	8083	8104	8151	7906
Strike Phase Energy	millijoules	568.3	6.2	565.8	573.3	576.5	581.2	552.9
Decay Phase Duration	microseconds	29.9	0.2	29.9	29.8	30.1	30.5	29.6
Decay Phase Net Charge	microcoulombs	58.9	1.0	58.7	59.2	60.3	60.5	56.9
Decay Phase Total Charge	microcoulombs	107.9	0.9	107.3	108.6	108.9	109.9	105.4
Decay Phase Peak Current	amps	9.98	0.07	9.94	10.04	10.07	10.11	9.75
Decay Phase Peak Voltage	volts	5004	35	4983	5035	5045	5068	4888
Decay Phase Energy	millijoules	312.8	4.4	309.8	316.9	318.4	322.3	299.2
Full Pulse Duration	microseconds	38.9	0.2	39.0	38.9	39.2	39.5	38.7
Full Pulse Net Charge	microcoulombs	31.6	1.2	31.6	31.7	33.0	33.1	29.7
Full Pulse Total Charge	microcoulombs	198.4	1.2	197.6	199.5	199.8	201.3	194.9
Full Pulse Energy	millijoules	881.1	9.6	875.6	890.2	893.2	903.2	852.2
Pulse Rate	pulses/second	8.283						
Charge/Second	milliamps	0.5						
Energy/Second	watts	7.3						
Duration of Cycle	seconds	4.5878						
Total Number of Pulses	-	39						

CEW Details

Model Number	-	M26
Serial Number	-	P2-014401
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:**Below Tolerance****TI CEW Operating Parameters**

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.1	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	86.0	70	120
Strike Phase Peak Current	amps	In Tolerance	15.19	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	7614	6900	9400
Full Pulse Duration	microseconds	In Tolerance	38.7	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	31.8	15	55
Pulse Rate	pulses/second	Below Tolerance	10.139	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.1	0.0	9.1	9.1	9.1	9.2	9.1
Strike Phase Net Charge	microcoulombs	85.4	0.6	85.3	86.0	86.3	87.1	83.7
Strike Phase Total Charge	microcoulombs	85.4	0.6	85.3	86.0	86.3	87.1	83.7
Strike Phase Peak Current	amps	15.07	0.12	15.08	15.19	15.26	15.36	14.75
Strike Phase Peak Voltage	volts	7555	62	7556	7614	7650	7701	7395
Strike Phase Energy	millijoules	503.2	7.8	502.4	510.8	515.1	523.9	483.5
Decay Phase Duration	microseconds	29.6	0.3	29.6	29.6	30.2	30.6	29.3
Decay Phase Net Charge	microcoulombs	53.8	1.2	53.7	54.1	55.6	56.2	51.5
Decay Phase Total Charge	microcoulombs	95.2	1.2	94.9	96.2	97.1	98.5	92.6
Decay Phase Peak Current	amps	9.13	0.09	9.11	9.23	9.27	9.38	8.96
Decay Phase Peak Voltage	volts	4577	44	4569	4624	4648	4703	4490
Decay Phase Energy	millijoules	252.5	5.4	251.2	257.6	261.0	266.9	240.8
Full Pulse Duration	microseconds	38.7	0.3	38.7	38.7	39.3	39.6	38.4
Full Pulse Net Charge	microcoulombs	31.6	1.3	31.6	31.8	33.2	33.4	29.4
Full Pulse Total Charge	microcoulombs	180.6	1.7	180.2	182.2	183.2	184.8	176.8
Full Pulse Energy	millijoules	755.7	12.4	753.6	768.3	775.3	786.9	727.7
Pulse Rate	pulses/second	10.139						
Charge/Second	milliamps	0.5						
Energy/Second	watts	7.7						
Duration of Cycle	seconds	4.6355						
Total Number of Pulses	-	48						

CEW Details

Model Number	-	M26
Serial Number	-	P2-014407
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:
Below Tolerance
TI CEW Operating Parameters

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	8.9	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	86.8	70	120
Strike Phase Peak Current	amps	In Tolerance	15.66	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	7851	6900	9400
Full Pulse Duration	microseconds	In Tolerance	38.4	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	31.8	15	55
Pulse Rate	pulses/second	Below Tolerance	9.243	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	8.9	0.0	9.0	8.9	9.0	9.0	8.9
Strike Phase Net Charge	microcoulombs	86.4	0.9	85.3	86.8	87.4	87.5	84.2
Strike Phase Total Charge	microcoulombs	86.4	0.9	85.3	86.8	87.4	87.5	84.2
Strike Phase Peak Current	amps	15.59	0.17	15.38	15.66	15.79	15.82	15.11
Strike Phase Peak Voltage	volts	7815	85	7707	7851	7914	7928	7572
Strike Phase Energy	millijoules	526.8	11.1	512.8	531.2	539.0	541.4	496.6
Decay Phase Duration	microseconds	29.5	0.3	29.5	29.4	30.0	30.6	29.1
Decay Phase Net Charge	microcoulombs	54.7	1.3	53.9	55.0	56.5	57.4	51.7
Decay Phase Total Charge	microcoulombs	97.7	1.6	95.9	98.5	99.7	100.8	93.1
Decay Phase Peak Current	amps	9.44	0.13	9.27	9.50	9.58	9.64	9.04
Decay Phase Peak Voltage	volts	4729	64	4646	4761	4802	4830	4532
Decay Phase Energy	millijoules	267.8	7.5	258.5	271.5	276.5	280.7	245.1
Full Pulse Duration	microseconds	38.4	0.3	38.4	38.4	38.9	39.5	38.0
Full Pulse Net Charge	microcoulombs	31.7	1.3	31.4	31.8	33.1	33.7	29.1
Full Pulse Total Charge	microcoulombs	184.2	2.3	181.3	185.3	186.8	188.0	177.3
Full Pulse Energy	millijoules	794.6	18.0	771.3	802.7	814.6	817.7	741.7
Pulse Rate	pulses/second	9.243						
Charge/Second	milliamps	0.5						
Energy/Second	watts	7.3						
Duration of Cycle	seconds	4.6520						
Total Number of Pulses	-	44						

CEW Details

Model Number	-	M26
Serial Number	-	P2-014408
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:
Below Tolerance
TI CEW Operating Parameters

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.0	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	89.5	70	120
Strike Phase Peak Current	amps	In Tolerance	15.98	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	8011	6900	9400
Full Pulse Duration	microseconds	In Tolerance	38.6	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	32.6	15	55
Pulse Rate	pulses/second	Below Tolerance	8.558	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.0	0.0	9.0	9.0	9.0	9.0	9.0
Strike Phase Net Charge	microcoulombs	89.2	1.0	88.4	89.5	90.3	91.4	86.9
Strike Phase Total Charge	microcoulombs	89.2	1.0	88.4	89.5	90.3	91.4	86.9
Strike Phase Peak Current	amps	15.92	0.20	15.75	15.98	16.16	16.36	15.49
Strike Phase Peak Voltage	volts	7981	101	7895	8011	8098	8202	7766
Strike Phase Energy	millijoules	556.5	13.1	545.2	560.4	571.4	585.0	526.5
Decay Phase Duration	microseconds	29.7	0.3	29.8	29.6	30.1	30.7	29.3
Decay Phase Net Charge	microcoulombs	56.8	1.2	56.3	56.9	58.6	59.2	54.6
Decay Phase Total Charge	microcoulombs	102.1	1.8	100.4	102.8	104.3	105.6	98.7
Decay Phase Peak Current	amps	9.74	0.14	9.62	9.78	9.92	10.00	9.47
Decay Phase Peak Voltage	volts	4885	72	4822	4901	4972	5013	4745
Decay Phase Energy	millijoules	288.8	9.1	280.3	292.3	299.8	305.9	271.7
Full Pulse Duration	microseconds	38.7	0.3	38.8	38.6	39.1	39.7	38.4
Full Pulse Net Charge	microcoulombs	32.4	1.2	32.1	32.6	33.9	34.5	30.0
Full Pulse Total Charge	microcoulombs	191.3	2.6	188.8	192.3	194.4	195.9	186.1
Full Pulse Energy	millijoules	845.3	21.8	825.5	852.7	870.2	888.4	799.2
Pulse Rate	pulses/second	8.558						
Charge/Second	milliamps	0.5						
Energy/Second	watts	7.2						
Duration of Cycle	seconds	4.6741						
Total Number of Pulses	-	41						

CEW Details

Model Number	-	M26
Serial Number	-	P2-014409
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:
Below Tolerance
TI CEW Operating Parameters

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.0	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	93.7	70	120
Strike Phase Peak Current	amps	In Tolerance	16.84	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	8440	6900	9400
Full Pulse Duration	microseconds	In Tolerance	39.2	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	33.2	15	55
Pulse Rate	pulses/second	Below Tolerance	7.680	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.0	0.0	9.0	9.0	9.0	9.0	8.9
Strike Phase Net Charge	microcoulombs	93.5	0.8	92.7	93.7	94.5	95.1	91.2
Strike Phase Total Charge	microcoulombs	93.5	0.8	92.7	93.7	94.5	95.1	91.2
Strike Phase Peak Current	amps	16.80	0.17	16.60	16.84	17.02	17.18	16.33
Strike Phase Peak Voltage	volts	8422	87	8321	8440	8531	8611	8186
Strike Phase Energy	millijoules	614.7	11.4	601.8	616.8	628.5	637.4	583.5
Decay Phase Duration	microseconds	30.3	0.9	30.1	30.2	31.7	33.5	29.6
Decay Phase Net Charge	microcoulombs	60.5	1.4	59.7	60.6	62.6	64.5	58.7
Decay Phase Total Charge	microcoulombs	106.9	1.6	105.1	107.4	109.1	112.0	104.1
Decay Phase Peak Current	amps	10.21	0.10	10.08	10.24	10.34	10.48	9.96
Decay Phase Peak Voltage	volts	5119	49	5055	5131	5181	5252	4995
Decay Phase Energy	millijoules	317.5	7.6	307.9	319.9	327.6	337.8	301.1
Full Pulse Duration	microseconds	39.2	0.9	39.1	39.2	40.7	42.4	38.6
Full Pulse Net Charge	microcoulombs	33.1	1.6	32.9	33.2	34.7	34.8	30.1
Full Pulse Total Charge	microcoulombs	200.5	2.2	197.7	201.1	203.3	206.8	195.3
Full Pulse Energy	millijoules	932.2	18.4	909.7	936.7	955.2	974.1	884.6
Pulse Rate	pulses/second	7.680						
Charge/Second	milliamps	0.5						
Energy/Second	watts	7.2						
Duration of Cycle	seconds	4.6876						
Total Number of Pulses	-	37						

CEW Details

Model Number	-	M26
Serial Number	-	P2-014411
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:
Below Tolerance
TI CEW Operating Parameters

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	8.9	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	89.5	70	120
Strike Phase Peak Current	amps	In Tolerance	16.07	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	8056	6900	9400
Full Pulse Duration	microseconds	In Tolerance	38.9	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	33.4	15	55
Pulse Rate	pulses/second	Below Tolerance	8.783	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	8.9	0.0	8.9	8.9	8.9	9.0	8.9
Strike Phase Net Charge	microcoulombs	90.0	0.4	90.1	89.5	90.5	90.9	88.9
Strike Phase Total Charge	microcoulombs	90.0	0.4	90.1	89.5	90.5	90.9	88.9
Strike Phase Peak Current	amps	16.18	0.10	16.22	16.07	16.30	16.36	15.92
Strike Phase Peak Voltage	volts	8111	48	8130	8056	8170	8200	7982
Strike Phase Energy	millijoules	571.1	5.7	572.8	565.0	578.3	583.1	556.4
Decay Phase Duration	microseconds	29.5	0.8	29.3	30.0	30.9	33.1	28.9
Decay Phase Net Charge	microcoulombs	56.1	1.2	56.0	56.2	57.9	58.9	54.5
Decay Phase Total Charge	microcoulombs	98.4	0.9	98.1	98.4	99.8	100.5	96.6
Decay Phase Peak Current	amps	9.70	0.06	9.70	9.65	9.77	9.83	9.54
Decay Phase Peak Voltage	volts	4860	29	4862	4838	4899	4927	4781
Decay Phase Energy	millijoules	276.7	3.5	276.1	274.4	281.4	286.3	269.4
Full Pulse Duration	microseconds	38.4	0.8	38.2	38.9	39.8	42.0	37.8
Full Pulse Net Charge	microcoulombs	33.9	1.4	34.1	33.4	35.6	35.7	30.0
Full Pulse Total Charge	microcoulombs	188.4	1.0	188.2	187.9	189.7	191.4	186.0
Full Pulse Energy	millijoules	847.8	7.9	848.9	839.4	857.5	869.4	826.4
Pulse Rate	pulses/second	8.783						
Charge/Second	milliamps	0.5						
Energy/Second	watts	7.4						
Duration of Cycle	seconds	4.8960						
Total Number of Pulses	-	44						

CEW Details

Model Number	-	M26
Serial Number	-	P2-014423
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:
Below Tolerance
TI CEW Operating Parameters

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.1	7	12
Strike Phase Net Charge	microcoulombs	Below Tolerance	69.9	70	120
Strike Phase Peak Current	amps	Below Tolerance	12.23	13.8	18.8
Strike Phase Peak Voltage	volts	Below Tolerance	6132	6900	9400
Full Pulse Duration	microseconds	In Tolerance	36.1	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	26.9	15	55
Pulse Rate	pulses/second	In Tolerance	14.357	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.1	0.0	9.1	9.1	9.1	9.2	9.0
Strike Phase Net Charge	microcoulombs	69.9	0.6	69.8	69.9	70.7	71.1	67.5
Strike Phase Total Charge	microcoulombs	69.9	0.6	69.8	69.9	70.7	71.1	67.5
Strike Phase Peak Current	amps	12.23	0.11	12.25	12.23	12.36	12.45	11.76
Strike Phase Peak Voltage	volts	6131	53	6138	6132	6198	6238	5895
Strike Phase Energy	millijoules	335.8	5.7	335.8	336.2	343.2	347.6	311.9
Decay Phase Duration	microseconds	28.7	3.5	29.1	27.0	31.1	32.1	9.6
Decay Phase Net Charge	microcoulombs	42.6	1.6	42.6	43.0	44.4	44.8	33.0
Decay Phase Total Charge	microcoulombs	70.6	5.0	71.6	68.4	73.1	73.9	42.3
Decay Phase Peak Current	amps	7.23	0.09	7.25	7.25	7.34	7.35	6.81
Decay Phase Peak Voltage	volts	3623	43	3632	3632	3677	3684	3412
Decay Phase Energy	millijoules	149.6	6.5	151.0	148.2	155.5	158.2	112.9
Full Pulse Duration	microseconds	37.8	3.5	38.2	36.1	40.2	41.2	18.8
Full Pulse Net Charge	microcoulombs	27.3	1.7	27.2	26.9	30.0	36.7	24.8
Full Pulse Total Charge	microcoulombs	140.5	5.3	141.5	138.4	143.6	144.8	109.8
Full Pulse Energy	millijoules	485.4	10.8	486.8	484.4	497.7	504.3	424.8
Pulse Rate	pulses/second	14.357						
Charge/Second	milliamps	0.6						
Energy/Second	watts	7.0						
Duration of Cycle	seconds	4.7366						
Total Number of Pulses	-	69						

CEW Details

Model Number	-	M26
Serial Number	-	P2-014430
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:
Below Tolerance
TI CEW Operating Parameters

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	8.9	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	93.1	70	120
Strike Phase Peak Current	amps	In Tolerance	16.93	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	8484	6900	9400
Full Pulse Duration	microseconds	In Tolerance	39.8	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	32.5	15	55
Pulse Rate	pulses/second	Below Tolerance	6.882	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	8.9	0.0	8.9	8.9	9.0	9.0	8.9
Strike Phase Net Charge	microcoulombs	93.2	0.8	92.9	93.1	94.0	94.1	91.4
Strike Phase Total Charge	microcoulombs	93.2	0.8	92.9	93.1	94.0	94.1	91.4
Strike Phase Peak Current	amps	16.94	0.20	16.87	16.93	17.13	17.19	16.52
Strike Phase Peak Voltage	volts	8490	98	8456	8484	8587	8616	8283
Strike Phase Energy	millijoules	614.9	12.2	610.8	614.2	626.8	629.1	588.4
Decay Phase Duration	microseconds	30.6	0.5	30.5	30.9	31.2	32.4	30.2
Decay Phase Net Charge	microcoulombs	60.6	1.3	60.3	60.6	62.6	63.2	58.7
Decay Phase Total Charge	microcoulombs	107.7	1.6	107.0	107.9	109.5	110.3	104.3
Decay Phase Peak Current	amps	10.14	0.12	10.09	10.15	10.26	10.31	9.89
Decay Phase Peak Voltage	volts	5083	61	5056	5088	5143	5167	4958
Decay Phase Energy	millijoules	316.5	8.5	313.2	316.9	325.6	331.2	299.2
Full Pulse Duration	microseconds	39.5	0.5	39.4	39.8	40.1	41.3	39.0
Full Pulse Net Charge	microcoulombs	32.6	1.4	32.6	32.5	34.2	34.7	30.3
Full Pulse Total Charge	microcoulombs	200.8	2.2	199.9	201.0	203.0	204.2	196.1
Full Pulse Energy	millijoules	931.5	20.1	924.0	931.1	950.7	959.2	888.3
Pulse Rate	pulses/second	6.882						
Charge/Second	milliamps	0.4						
Energy/Second	watts	6.4						
Duration of Cycle	seconds	4.6500						
Total Number of Pulses	-	33						

CEW Details

Model Number	-	M26
Serial Number	-	P2-014472
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:
Below Tolerance
TI CEW Operating Parameters

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.0	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	82.8	70	120
Strike Phase Peak Current	amps	In Tolerance	14.83	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	7435	6900	9400
Full Pulse Duration	microseconds	In Tolerance	38.1	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	31.2	15	55
Pulse Rate	pulses/second	Below Tolerance	11.067	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.0	0.0	9.0	9.0	9.0	9.0	8.9
Strike Phase Net Charge	microcoulombs	81.6	1.3	80.3	82.8	83.8	84.9	78.9
Strike Phase Total Charge	microcoulombs	81.6	1.3	80.3	82.8	83.8	84.9	78.9
Strike Phase Peak Current	amps	14.60	0.26	14.35	14.83	15.05	15.27	14.09
Strike Phase Peak Voltage	volts	7316	128	7193	7435	7541	7652	7063
Strike Phase Energy	millijoules	465.6	15.3	450.7	479.9	492.7	506.6	435.0
Decay Phase Duration	microseconds	29.1	0.2	29.1	29.1	29.4	29.6	28.8
Decay Phase Net Charge	microcoulombs	50.8	1.3	50.0	51.6	52.9	53.2	48.3
Decay Phase Total Charge	microcoulombs	89.5	1.9	87.5	91.3	92.6	94.2	85.3
Decay Phase Peak Current	amps	8.81	0.17	8.63	8.96	9.08	9.21	8.46
Decay Phase Peak Voltage	volts	4414	83	4327	4493	4550	4618	4239
Decay Phase Energy	millijoules	229.2	9.0	219.9	238.0	244.0	251.0	210.8
Full Pulse Duration	microseconds	38.1	0.2	38.1	38.1	38.4	38.6	37.7
Full Pulse Net Charge	microcoulombs	30.7	1.4	30.3	31.2	32.6	33.2	27.8
Full Pulse Total Charge	microcoulombs	171.1	3.1	167.8	174.0	176.2	178.5	165.1
Full Pulse Energy	millijoules	694.8	23.9	670.6	717.9	736.2	757.0	650.7
Pulse Rate	pulses/second	11.067						
Charge/Second	milliamps	0.6						
Energy/Second	watts	7.7						
Duration of Cycle	seconds	4.7891						
Total Number of Pulses	-	54						

CEW Details

Model Number	-	M26
Serial Number	-	P2-014526
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:**Below Tolerance****TI CEW Operating Parameters**

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.0	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	84.5	70	120
Strike Phase Peak Current	amps	In Tolerance	15.05	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	7544	6900	9400
Full Pulse Duration	microseconds	In Tolerance	38.5	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	31.0	15	55
Pulse Rate	pulses/second	Below Tolerance	10.168	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.0	0.0	9.0	9.0	9.1	9.1	9.0
Strike Phase Net Charge	microcoulombs	84.5	0.9	83.5	84.5	85.8	86.6	81.9
Strike Phase Total Charge	microcoulombs	84.5	0.9	83.5	84.5	85.8	86.6	81.9
Strike Phase Peak Current	amps	15.05	0.17	14.86	15.05	15.33	15.51	14.56
Strike Phase Peak Voltage	volts	7545	84	7450	7544	7683	7773	7298
Strike Phase Energy	millijoules	496.8	10.7	484.9	496.6	514.1	524.7	465.8
Decay Phase Duration	microseconds	29.6	0.4	29.6	29.5	30.3	31.4	29.2
Decay Phase Net Charge	microcoulombs	53.6	1.3	52.9	53.5	55.9	57.1	51.5
Decay Phase Total Charge	microcoulombs	94.7	1.6	92.9	94.8	97.4	99.6	91.8
Decay Phase Peak Current	amps	9.10	0.13	8.95	9.10	9.31	9.48	8.87
Decay Phase Peak Voltage	volts	4560	63	4487	4561	4667	4753	4446
Decay Phase Energy	millijoules	250.1	7.6	241.7	250.7	263.0	273.1	236.0
Full Pulse Duration	microseconds	38.6	0.4	38.7	38.5	39.3	40.4	38.2
Full Pulse Net Charge	microcoulombs	30.9	1.4	30.6	31.0	32.6	33.0	28.3
Full Pulse Total Charge	microcoulombs	179.1	2.4	176.4	179.3	183.1	186.1	173.7
Full Pulse Energy	millijoules	746.9	17.7	726.6	747.3	776.6	797.8	701.8
Pulse Rate	pulses/second	10.168						
Charge/Second	milliamps	0.5						
Energy/Second	watts	7.6						
Duration of Cycle	seconds	4.8191						
Total Number of Pulses	-	50						

CEW Details

Model Number	-	M26
Serial Number	-	P2-014545
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:
Below Tolerance
TI CEW Operating Parameters

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.0	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	87.0	70	120
Strike Phase Peak Current	amps	In Tolerance	15.53	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	7782	6900	9400
Full Pulse Duration	microseconds	In Tolerance	38.7	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	31.0	15	55
Pulse Rate	pulses/second	Below Tolerance	9.836	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.0	0.0	9.0	9.0	9.1	9.1	9.0
Strike Phase Net Charge	microcoulombs	86.5	0.7	86.2	87.0	87.3	87.6	84.4
Strike Phase Total Charge	microcoulombs	86.5	0.7	86.2	87.0	87.3	87.6	84.4
Strike Phase Peak Current	amps	15.43	0.14	15.39	15.53	15.58	15.65	15.00
Strike Phase Peak Voltage	volts	7732	69	7715	7782	7807	7842	7519
Strike Phase Energy	millijoules	520.9	9.1	518.2	527.3	531.0	535.3	494.4
Decay Phase Duration	microseconds	29.7	0.2	29.8	29.7	30.1	30.5	29.4
Decay Phase Net Charge	microcoulombs	55.6	1.2	55.5	56.0	57.3	57.7	53.7
Decay Phase Total Charge	microcoulombs	100.1	1.4	99.6	101.1	101.9	102.3	96.9
Decay Phase Peak Current	amps	9.48	0.11	9.44	9.56	9.62	9.64	9.18
Decay Phase Peak Voltage	volts	4752	55	4731	4794	4821	4834	4602
Decay Phase Energy	millijoules	275.8	6.5	273.2	280.8	283.9	286.1	258.2
Full Pulse Duration	microseconds	38.7	0.2	38.8	38.7	39.1	39.5	38.5
Full Pulse Net Charge	microcoulombs	30.9	1.3	30.8	31.0	32.5	32.9	28.4
Full Pulse Total Charge	microcoulombs	186.6	1.9	185.9	188.1	188.9	189.2	181.3
Full Pulse Energy	millijoules	796.7	14.8	791.3	808.1	813.4	818.7	752.5
Pulse Rate	pulses/second	9.836						
Charge/Second	milliamps	0.5						
Energy/Second	watts	7.8						
Duration of Cycle	seconds	4.5750						
Total Number of Pulses	-	46						

CEW Details

Model Number	-	M26
Serial Number	-	P2-014627
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:**Below Tolerance****TI CEW Operating Parameters**

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.1	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	88.3	70	120
Strike Phase Peak Current	amps	In Tolerance	15.53	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	7787	6900	9400
Full Pulse Duration	microseconds	In Tolerance	39.2	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	32.2	15	55
Pulse Rate	pulses/second	Below Tolerance	8.648	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.1	0.0	9.1	9.1	9.1	9.2	9.1
Strike Phase Net Charge	microcoulombs	88.6	0.5	88.6	88.3	89.3	89.5	87.5
Strike Phase Total Charge	microcoulombs	88.6	0.5	88.6	88.3	89.3	89.5	87.5
Strike Phase Peak Current	amps	15.61	0.10	15.63	15.53	15.75	15.80	15.39
Strike Phase Peak Voltage	volts	7824	51	7833	7787	7892	7919	7716
Strike Phase Energy	millijoules	542.1	6.9	542.9	537.9	551.6	554.5	528.4
Decay Phase Duration	microseconds	30.1	0.3	30.2	30.0	30.6	31.4	29.8
Decay Phase Net Charge	microcoulombs	56.5	1.2	56.5	56.1	58.2	58.6	54.4
Decay Phase Total Charge	microcoulombs	99.3	1.1	99.2	98.8	100.7	100.9	97.5
Decay Phase Peak Current	amps	9.45	0.08	9.44	9.41	9.57	9.61	9.28
Decay Phase Peak Voltage	volts	4739	41	4734	4717	4796	4818	4652
Decay Phase Energy	millijoules	272.3	5.0	271.8	269.9	278.7	280.7	262.7
Full Pulse Duration	microseconds	39.2	0.3	39.3	39.2	39.7	40.4	38.9
Full Pulse Net Charge	microcoulombs	32.1	1.4	32.1	32.2	33.7	34.3	29.7
Full Pulse Total Charge	microcoulombs	187.9	1.4	187.8	187.1	189.7	190.2	185.3
Full Pulse Energy	millijoules	814.4	10.8	814.7	807.8	828.6	831.2	791.1
Pulse Rate	pulses/second	8.648						
Charge/Second	milliamps	0.5						
Energy/Second	watts	7.0						
Duration of Cycle	seconds	4.6253						
Total Number of Pulses	-	41						

CEW Details

Model Number	-	M26
Serial Number	-	P2-014649
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:**Below Tolerance****TI CEW Operating Parameters**

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.1	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	89.3	70	120
Strike Phase Peak Current	amps	In Tolerance	15.76	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	7899	6900	9400
Full Pulse Duration	microseconds	In Tolerance	38.9	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	32.0	15	55
Pulse Rate	pulses/second	Below Tolerance	9.592	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.1	0.0	9.0	9.1	9.1	9.2	9.0
Strike Phase Net Charge	microcoulombs	89.6	1.3	90.9	89.3	91.7	92.3	86.8
Strike Phase Total Charge	microcoulombs	89.6	1.3	90.9	89.3	91.7	92.3	86.8
Strike Phase Peak Current	amps	15.85	0.29	16.15	15.76	16.31	16.44	15.26
Strike Phase Peak Voltage	volts	7947	147	8095	7899	8177	8242	7647
Strike Phase Energy	millijoules	557.4	18.5	575.8	551.6	586.2	594.2	518.4
Decay Phase Duration	microseconds	29.8	0.4	30.0	29.9	30.6	30.9	29.3
Decay Phase Net Charge	microcoulombs	57.7	1.7	58.8	57.2	60.2	61.3	53.9
Decay Phase Total Charge	microcoulombs	103.9	2.5	105.9	103.2	107.3	108.8	98.1
Decay Phase Peak Current	amps	9.83	0.21	10.02	9.76	10.12	10.20	9.33
Decay Phase Peak Voltage	volts	4925	105	5021	4890	5072	5112	4676
Decay Phase Energy	millijoules	296.6	13.1	308.1	292.6	315.0	321.3	267.0
Full Pulse Duration	microseconds	38.9	0.4	39.0	38.9	39.6	39.9	38.4
Full Pulse Net Charge	microcoulombs	31.9	1.3	32.1	32.0	33.5	34.1	29.7
Full Pulse Total Charge	microcoulombs	193.5	3.7	196.9	192.5	198.8	200.7	185.0
Full Pulse Energy	millijoules	854.0	31.3	883.9	844.2	900.7	915.5	785.3
Pulse Rate	pulses/second	9.592						
Charge/Second	milliamps	0.6						
Energy/Second	watts	8.2						
Duration of Cycle	seconds	4.9000						
Total Number of Pulses	-	48						

CEW Details

Model Number	-	M26
Serial Number	-	P3-010053
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:
Below Tolerance
TI CEW Operating Parameters

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	8.9	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	87.2	70	120
Strike Phase Peak Current	amps	In Tolerance	16.07	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	8055	6900	9400
Full Pulse Duration	microseconds	In Tolerance	38.9	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	30.1	15	55
Pulse Rate	pulses/second	Below Tolerance	9.469	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	8.9	0.0	8.9	8.9	8.9	8.9	8.8
Strike Phase Net Charge	microcoulombs	86.0	1.4	85.2	87.2	88.0	90.6	82.6
Strike Phase Total Charge	microcoulombs	86.0	1.4	85.2	87.2	88.0	90.6	82.6
Strike Phase Peak Current	amps	15.81	0.31	15.67	16.07	16.27	16.87	15.16
Strike Phase Peak Voltage	volts	7925	154	7854	8055	8154	8455	7598
Strike Phase Energy	millijoules	528.5	19.0	519.3	544.7	556.2	592.8	486.4
Decay Phase Duration	microseconds	30.1	0.2	30.1	30.1	30.4	30.6	29.8
Decay Phase Net Charge	microcoulombs	56.2	1.5	55.7	57.1	58.7	59.5	54.0
Decay Phase Total Charge	microcoulombs	101.7	2.4	100.2	103.8	105.4	108.1	97.4
Decay Phase Peak Current	amps	9.49	0.20	9.39	9.65	9.81	10.06	9.10
Decay Phase Peak Voltage	volts	4756	101	4704	4839	4915	5041	4562
Decay Phase Energy	millijoules	279.7	12.4	272.8	290.6	299.3	315.5	257.0
Full Pulse Duration	microseconds	39.0	0.2	39.0	38.9	39.3	39.5	38.7
Full Pulse Net Charge	microcoulombs	29.7	1.3	29.6	30.1	31.3	32.0	27.2
Full Pulse Total Charge	microcoulombs	187.6	3.7	185.4	191.0	193.2	198.7	180.0
Full Pulse Energy	millijoules	808.2	31.0	792.1	835.4	854.9	908.3	743.4
Pulse Rate	pulses/second	9.469						
Charge/Second	milliamps	0.5						
Energy/Second	watts	7.7						
Duration of Cycle	seconds	4.6466						
Total Number of Pulses	-	45						

CEW Details

Model Number	-	M26
Serial Number	-	P3-010099
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:
Below Tolerance
TI CEW Operating Parameters

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	8.9	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	85.6	70	120
Strike Phase Peak Current	amps	In Tolerance	15.49	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	7766	6900	9400
Full Pulse Duration	microseconds	In Tolerance	38.0	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	33.0	15	55
Pulse Rate	pulses/second	Below Tolerance	10.522	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	8.9	0.0	8.9	8.9	8.9	8.9	8.8
Strike Phase Net Charge	microcoulombs	86.1	0.9	85.7	85.6	87.6	87.9	83.4
Strike Phase Total Charge	microcoulombs	86.1	0.9	85.7	85.6	87.6	87.9	83.4
Strike Phase Peak Current	amps	15.61	0.19	15.53	15.49	15.91	16.00	15.05
Strike Phase Peak Voltage	volts	7825	95	7783	7766	7974	8019	7542
Strike Phase Energy	millijoules	527.2	12.3	521.5	520.0	546.8	551.7	492.3
Decay Phase Duration	microseconds	29.2	0.5	29.1	29.1	30.2	31.1	28.6
Decay Phase Net Charge	microcoulombs	53.1	1.4	52.7	52.6	55.2	55.9	50.4
Decay Phase Total Charge	microcoulombs	92.7	1.6	91.7	91.9	95.0	96.0	87.3
Decay Phase Peak Current	amps	9.25	0.14	9.18	9.17	9.46	9.52	8.82
Decay Phase Peak Voltage	volts	4637	68	4601	4598	4742	4771	4419
Decay Phase Energy	millijoules	248.8	7.4	244.3	244.9	260.4	263.3	225.0
Full Pulse Duration	microseconds	38.0	0.5	38.0	38.0	39.0	40.0	37.5
Full Pulse Net Charge	microcoulombs	33.0	1.5	32.9	33.0	34.8	35.1	30.5
Full Pulse Total Charge	microcoulombs	178.8	2.4	177.3	177.5	182.4	183.2	170.7
Full Pulse Energy	millijoules	776.0	19.1	765.8	765.0	806.5	814.1	717.3
Pulse Rate	pulses/second	10.522						
Charge/Second	milliamps	0.6						
Energy/Second	watts	8.2						
Duration of Cycle	seconds	4.5619						
Total Number of Pulses	-	49						

CEW Details

Model Number	-	M26
Serial Number	-	P3-010101
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:
In Tolerance
TI CEW Operating Parameters

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.0	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	79.5	70	120
Strike Phase Peak Current	amps	In Tolerance	14.09	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	7064	6900	9400
Full Pulse Duration	microseconds	In Tolerance	38.1	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	30.1	15	55
Pulse Rate	pulses/second	In Tolerance	11.525	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.0	0.0	9.0	9.0	9.1	9.1	9.0
Strike Phase Net Charge	microcoulombs	79.7	1.0	79.2	79.5	81.3	81.9	77.8
Strike Phase Total Charge	microcoulombs	79.7	1.0	79.2	79.5	81.3	81.9	77.8
Strike Phase Peak Current	amps	14.14	0.19	14.07	14.09	14.46	14.59	13.80
Strike Phase Peak Voltage	volts	7090	93	7051	7064	7250	7315	6917
Strike Phase Energy	millijoules	442.0	11.0	436.5	439.1	460.9	468.0	421.7
Decay Phase Duration	microseconds	29.1	0.3	29.1	29.1	29.5	29.9	28.8
Decay Phase Net Charge	microcoulombs	49.6	1.2	49.2	49.4	51.3	52.4	47.4
Decay Phase Total Charge	microcoulombs	86.0	1.5	85.2	85.9	88.4	89.4	82.9
Decay Phase Peak Current	amps	8.51	0.12	8.43	8.49	8.72	8.81	8.30
Decay Phase Peak Voltage	volts	4266	60	4224	4256	4373	4414	4163
Decay Phase Energy	millijoules	212.7	6.3	208.7	211.9	223.5	227.4	201.7
Full Pulse Duration	microseconds	38.1	0.2	38.1	38.1	38.5	38.9	37.8
Full Pulse Net Charge	microcoulombs	30.1	1.4	30.0	30.1	31.9	32.3	27.7
Full Pulse Total Charge	microcoulombs	165.7	2.3	164.4	165.4	169.6	170.9	161.8
Full Pulse Energy	millijoules	654.7	16.6	645.3	651.0	684.2	694.7	627.0
Pulse Rate	pulses/second	11.525						
Charge/Second	milliamps	0.6						
Energy/Second	watts	7.5						
Duration of Cycle	seconds	4.5119						
Total Number of Pulses	-	53						

CEW Details

Model Number	-	M26
Serial Number	-	P3-010114
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:
In Tolerance
TI CEW Operating Parameters

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	8.9	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	78.1	70	120
Strike Phase Peak Current	amps	In Tolerance	14.02	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	7026	6900	9400
Full Pulse Duration	microseconds	In Tolerance	37.7	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	30.0	15	55
Pulse Rate	pulses/second	In Tolerance	13.242	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	8.9	0.0	8.9	8.9	9.0	9.0	8.9
Strike Phase Net Charge	microcoulombs	78.1	0.7	77.7	78.1	79.3	80.0	76.7
Strike Phase Total Charge	microcoulombs	78.1	0.7	77.7	78.1	79.3	80.0	76.7
Strike Phase Peak Current	amps	14.05	0.13	13.96	14.02	14.28	14.43	13.79
Strike Phase Peak Voltage	volts	7042	64	6999	7026	7159	7232	6911
Strike Phase Energy	millijoules	429.4	7.5	424.3	428.3	443.0	450.7	414.3
Decay Phase Duration	microseconds	28.8	0.2	28.8	28.8	29.1	29.5	28.5
Decay Phase Net Charge	microcoulombs	48.1	1.1	47.7	48.1	49.8	50.5	46.0
Decay Phase Total Charge	microcoulombs	84.0	1.1	83.0	84.1	85.8	86.6	81.8
Decay Phase Peak Current	amps	8.36	0.09	8.29	8.36	8.51	8.58	8.20
Decay Phase Peak Voltage	volts	4191	44	4156	4191	4267	4302	4109
Decay Phase Energy	millijoules	204.4	4.4	200.5	204.5	212.3	215.5	195.9
Full Pulse Duration	microseconds	37.7	0.2	37.7	37.7	38.1	38.4	37.5
Full Pulse Net Charge	microcoulombs	30.1	1.2	30.0	30.0	31.5	31.8	27.9
Full Pulse Total Charge	microcoulombs	162.1	1.6	160.7	162.1	164.9	165.8	159.3
Full Pulse Energy	millijoules	633.8	11.2	624.8	632.8	654.9	664.1	613.6
Pulse Rate	pulses/second	13.242						
Charge/Second	milliamps	0.6						
Energy/Second	watts	8.4						
Duration of Cycle	seconds	4.6822						
Total Number of Pulses	-	63						

CEW Details

Model Number	-	M26
Serial Number	-	P3-010115
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:**In Tolerance****TI CEW Operating Parameters**

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	8.9	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	80.8	70	120
Strike Phase Peak Current	amps	In Tolerance	14.76	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	7397	6900	9400
Full Pulse Duration	microseconds	In Tolerance	37.5	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	30.6	15	55
Pulse Rate	pulses/second	In Tolerance	12.016	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	8.8	0.0	8.8	8.9	8.9	8.9	8.8
Strike Phase Net Charge	microcoulombs	81.0	0.7	80.9	80.8	82.2	82.6	79.0
Strike Phase Total Charge	microcoulombs	81.0	0.7	80.9	80.8	82.2	82.6	79.0
Strike Phase Peak Current	amps	14.80	0.15	14.77	14.76	15.05	15.14	14.40
Strike Phase Peak Voltage	volts	7416	74	7404	7397	7541	7587	7218
Strike Phase Energy	millijoules	467.7	8.7	466.5	465.1	482.7	487.4	445.1
Decay Phase Duration	microseconds	28.7	0.2	28.9	28.7	29.2	29.4	28.3
Decay Phase Net Charge	microcoulombs	50.4	1.1	50.3	50.2	52.4	52.6	48.5
Decay Phase Total Charge	microcoulombs	89.0	1.1	88.4	88.9	90.8	91.3	86.7
Decay Phase Peak Current	amps	8.83	0.10	8.80	8.82	8.98	9.01	8.64
Decay Phase Peak Voltage	volts	4426	48	4413	4419	4502	4516	4328
Decay Phase Energy	millijoules	228.4	5.1	226.1	227.7	236.4	239.0	218.0
Full Pulse Duration	microseconds	37.6	0.2	37.7	37.5	38.0	38.2	37.2
Full Pulse Net Charge	microcoulombs	30.6	1.3	30.5	30.6	32.2	32.6	27.9
Full Pulse Total Charge	microcoulombs	170.0	1.7	169.3	169.7	172.4	173.9	166.3
Full Pulse Energy	millijoules	696.1	13.1	692.6	692.7	716.6	726.5	664.2
Pulse Rate	pulses/second	12.016						
Charge/Second	milliamps	0.6						
Energy/Second	watts	8.4						
Duration of Cycle	seconds	4.8268						
Total Number of Pulses	-	59						

CEW Details

Model Number	-	M26
Serial Number	-	P3-014734
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:
Below Tolerance
TI CEW Operating Parameters

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.0	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	77.3	70	120
Strike Phase Peak Current	amps	Below Tolerance	13.76	13.8	18.8
Strike Phase Peak Voltage	volts	Below Tolerance	6897	6900	9400
Full Pulse Duration	microseconds	In Tolerance	38.0	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	30.3	15	55
Pulse Rate	pulses/second	In Tolerance	12.305	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.0	0.0	9.0	9.0	9.0	9.0	9.0
Strike Phase Net Charge	microcoulombs	77.4	0.9	77.0	77.3	78.7	79.0	75.2
Strike Phase Total Charge	microcoulombs	77.4	0.9	77.0	77.3	78.7	79.0	75.2
Strike Phase Peak Current	amps	13.79	0.17	13.71	13.76	14.04	14.13	13.31
Strike Phase Peak Voltage	volts	6914	86	6872	6897	7036	7084	6673
Strike Phase Energy	millijoules	419.1	9.8	414.3	417.6	433.2	437.2	393.4
Decay Phase Duration	microseconds	29.0	0.2	29.0	29.0	29.3	29.6	28.8
Decay Phase Net Charge	microcoulombs	47.1	1.1	46.7	47.0	48.8	49.0	44.7
Decay Phase Total Charge	microcoulombs	80.5	1.3	79.7	80.3	82.4	83.2	76.9
Decay Phase Peak Current	amps	8.05	0.11	7.99	8.05	8.21	8.28	7.73
Decay Phase Peak Voltage	volts	4036	53	4005	4036	4114	4149	3875
Decay Phase Energy	millijoules	188.6	5.2	185.2	188.2	196.3	199.0	173.4
Full Pulse Duration	microseconds	38.0	0.2	38.0	38.0	38.3	38.6	37.8
Full Pulse Net Charge	microcoulombs	30.4	1.2	30.3	30.3	31.9	32.1	28.0
Full Pulse Total Charge	microcoulombs	157.9	2.0	156.7	157.6	160.9	162.2	152.1
Full Pulse Energy	millijoules	607.8	14.5	599.5	605.8	629.1	635.6	566.8
Pulse Rate	pulses/second	12.305						
Charge/Second	milliamps	0.6						
Energy/Second	watts	7.5						
Duration of Cycle	seconds	4.7947						
Total Number of Pulses	-	60						

CEW Details

Model Number	-	M26
Serial Number	-	P3-014735
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:
Below Tolerance
TI CEW Operating Parameters

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.1	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	75.8	70	120
Strike Phase Peak Current	amps	Below Tolerance	13.40	13.8	18.8
Strike Phase Peak Voltage	volts	Below Tolerance	6715	6900	9400
Full Pulse Duration	microseconds	In Tolerance	38.1	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	29.3	15	55
Pulse Rate	pulses/second	In Tolerance	13.625	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.0	0.0	9.0	9.1	9.1	9.1	9.0
Strike Phase Net Charge	microcoulombs	75.9	1.3	76.2	75.8	78.6	80.3	74.2
Strike Phase Total Charge	microcoulombs	75.9	1.3	76.2	75.8	78.6	80.3	74.2
Strike Phase Peak Current	amps	13.43	0.26	13.50	13.40	13.99	14.38	13.10
Strike Phase Peak Voltage	volts	6731	129	6769	6715	7011	7210	6568
Strike Phase Energy	millijoules	399.8	14.4	404.1	398.2	431.4	452.8	382.1
Decay Phase Duration	microseconds	29.2	0.3	29.3	29.1	29.8	30.1	28.8
Decay Phase Net Charge	microcoulombs	46.5	1.5	46.8	46.5	49.1	51.3	44.1
Decay Phase Total Charge	microcoulombs	80.1	1.9	80.4	80.3	84.0	87.3	77.4
Decay Phase Peak Current	amps	7.94	0.17	7.98	7.94	8.30	8.58	7.68
Decay Phase Peak Voltage	volts	3978	85	4000	3978	4161	4303	3849
Decay Phase Energy	millijoules	185.1	8.2	186.5	185.4	202.5	217.1	173.9
Full Pulse Duration	microseconds	38.2	0.3	38.3	38.1	38.8	39.1	37.9
Full Pulse Net Charge	microcoulombs	29.4	1.4	29.5	29.3	31.1	31.7	26.8
Full Pulse Total Charge	microcoulombs	156.0	3.1	156.6	156.1	162.6	167.6	152.0
Full Pulse Energy	millijoules	584.8	22.2	590.7	583.6	633.5	670.0	557.9
Pulse Rate	pulses/second	13.625						
Charge/Second	milliamps	0.6						
Energy/Second	watts	8.0						
Duration of Cycle	seconds	4.6971						
Total Number of Pulses	-	65						

CEW Details

Model Number	-	M26
Serial Number	-	P3-015339
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:**Below Tolerance****TI CEW Operating Parameters**

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	8.9	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	82.5	70	120
Strike Phase Peak Current	amps	In Tolerance	14.84	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	7437	6900	9400
Full Pulse Duration	microseconds	In Tolerance	38.1	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	32.0	15	55
Pulse Rate	pulses/second	Below Tolerance	10.531	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	8.9	0.0	8.9	8.9	9.0	9.0	8.9
Strike Phase Net Charge	microcoulombs	82.5	0.6	82.5	82.5	83.4	84.1	81.1
Strike Phase Total Charge	microcoulombs	82.5	0.6	82.5	82.5	83.4	84.1	81.1
Strike Phase Peak Current	amps	14.84	0.12	14.85	14.84	15.03	15.21	14.58
Strike Phase Peak Voltage	volts	7438	62	7445	7437	7531	7623	7307
Strike Phase Energy	millijoules	479.5	7.3	479.6	479.2	490.7	501.5	463.7
Decay Phase Duration	microseconds	29.2	0.3	29.4	29.2	29.8	30.0	28.8
Decay Phase Net Charge	microcoulombs	50.5	1.2	50.4	50.5	52.3	53.4	48.8
Decay Phase Total Charge	microcoulombs	86.9	1.1	86.6	87.1	88.9	90.4	85.0
Decay Phase Peak Current	amps	8.70	0.08	8.68	8.71	8.85	9.00	8.57
Decay Phase Peak Voltage	volts	4363	42	4352	4366	4436	4511	4296
Decay Phase Energy	millijoules	219.7	4.7	218.4	220.2	228.1	236.7	212.8
Full Pulse Duration	microseconds	38.1	0.3	38.3	38.1	38.7	38.9	37.7
Full Pulse Net Charge	microcoulombs	32.0	1.3	32.1	32.0	33.5	33.8	29.8
Full Pulse Total Charge	microcoulombs	169.4	1.5	169.1	169.6	172.1	174.5	167.3
Full Pulse Energy	millijoules	699.2	11.2	698.0	699.5	717.7	738.2	680.0
Pulse Rate	pulses/second	10.531						
Charge/Second	milliamps	0.5						
Energy/Second	watts	7.4						
Duration of Cycle	seconds	4.6529						
Total Number of Pulses	-	50						

CEW Details

Model Number	-	M26
Serial Number	-	P3-015406
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:
Below Tolerance
TI CEW Operating Parameters

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	8.8	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	89.8	70	120
Strike Phase Peak Current	amps	In Tolerance	16.41	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	8223	6900	9400
Full Pulse Duration	microseconds	In Tolerance	37.6	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	33.7	15	55
Pulse Rate	pulses/second	Below Tolerance	8.543	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	8.8	0.0	8.8	8.8	8.8	8.8	8.7
Strike Phase Net Charge	microcoulombs	90.4	1.3	89.8	89.8	91.7	92.6	87.5
Strike Phase Total Charge	microcoulombs	90.4	1.3	89.8	89.8	91.7	92.6	87.5
Strike Phase Peak Current	amps	16.55	0.29	16.42	16.41	16.85	17.07	15.94
Strike Phase Peak Voltage	volts	8295	146	8231	8223	8445	8556	7991
Strike Phase Energy	millijoules	586.1	18.6	577.8	577.2	605.3	619.3	546.5
Decay Phase Duration	microseconds	28.9	0.5	28.8	28.8	29.7	30.3	28.4
Decay Phase Net Charge	microcoulombs	56.5	1.6	55.8	56.0	58.8	60.3	53.5
Decay Phase Total Charge	microcoulombs	100.9	2.3	99.4	100.1	103.8	106.4	96.5
Decay Phase Peak Current	amps	9.98	0.19	9.87	9.91	10.19	10.35	9.59
Decay Phase Peak Voltage	volts	5001	96	4945	4965	5110	5188	4809
Decay Phase Energy	millijoules	292.1	12.1	285.1	287.9	306.4	319.8	267.8
Full Pulse Duration	microseconds	37.7	0.5	37.6	37.6	38.5	39.1	37.2
Full Pulse Net Charge	microcoulombs	33.9	1.4	34.0	33.7	35.5	35.9	31.2
Full Pulse Total Charge	microcoulombs	191.2	3.5	189.2	189.9	195.3	199.0	184.2
Full Pulse Energy	millijoules	878.2	30.3	862.9	865.1	910.0	939.1	815.7
Pulse Rate	pulses/second	8.543						
Charge/Second	milliamps	0.5						
Energy/Second	watts	7.5						
Duration of Cycle	seconds	4.5651						
Total Number of Pulses	-	40						

CEW Details

Model Number	-	M26
Serial Number	-	P3-019334
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:
Below Tolerance
TI CEW Operating Parameters

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.0	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	74.2	70	120
Strike Phase Peak Current	amps	Below Tolerance	13.23	13.8	18.8
Strike Phase Peak Voltage	volts	Below Tolerance	6631	6900	9400
Full Pulse Duration	microseconds	In Tolerance	37.4	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	28.4	15	55
Pulse Rate	pulses/second	In Tolerance	15.209	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.0	0.0	8.9	9.0	9.0	9.0	8.9
Strike Phase Net Charge	microcoulombs	74.4	0.6	74.8	74.2	75.7	76.7	73.2
Strike Phase Total Charge	microcoulombs	74.4	0.6	74.8	74.2	75.7	76.7	73.2
Strike Phase Peak Current	amps	13.27	0.11	13.36	13.23	13.51	13.73	13.09
Strike Phase Peak Voltage	volts	6650	56	6695	6631	6773	6881	6559
Strike Phase Energy	millijoules	387.6	6.4	392.0	385.2	401.5	413.2	375.7
Decay Phase Duration	microseconds	28.5	0.2	28.6	28.4	28.9	29.3	28.2
Decay Phase Net Charge	microcoulombs	46.0	1.0	46.3	45.8	47.5	47.9	44.1
Decay Phase Total Charge	microcoulombs	80.2	0.9	80.4	80.1	81.7	83.0	78.0
Decay Phase Peak Current	amps	8.00	0.07	8.04	7.99	8.14	8.25	7.86
Decay Phase Peak Voltage	volts	4012	35	4030	4007	4081	4135	3942
Decay Phase Energy	millijoules	186.8	3.5	188.3	186.4	193.6	198.9	178.3
Full Pulse Duration	microseconds	37.4	0.2	37.5	37.4	37.9	38.2	37.2
Full Pulse Net Charge	microcoulombs	28.4	1.2	28.5	28.4	30.0	30.5	26.0
Full Pulse Total Charge	microcoulombs	154.6	1.3	155.2	154.3	157.2	159.5	151.8
Full Pulse Energy	millijoules	574.4	9.1	580.3	571.7	594.0	611.2	558.3
Pulse Rate	pulses/second	15.209						
Charge/Second	milliamps	0.7						
Energy/Second	watts	8.7						
Duration of Cycle	seconds	4.7340						
Total Number of Pulses	-	73						

CEW Details

Model Number	-	M26
Serial Number	-	P3-024808
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:
In Tolerance
TI CEW Operating Parameters

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	8.9	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	77.4	70	120
Strike Phase Peak Current	amps	In Tolerance	14.08	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	7056	6900	9400
Full Pulse Duration	microseconds	In Tolerance	38.2	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	28.7	15	55
Pulse Rate	pulses/second	In Tolerance	12.417	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	8.9	0.0	8.9	8.9	8.9	9.0	8.8
Strike Phase Net Charge	microcoulombs	77.6	0.8	77.6	77.4	79.0	79.7	76.2
Strike Phase Total Charge	microcoulombs	77.6	0.8	77.6	77.4	79.0	79.7	76.2
Strike Phase Peak Current	amps	14.14	0.17	14.14	14.08	14.43	14.57	13.85
Strike Phase Peak Voltage	volts	7087	86	7090	7056	7235	7304	6941
Strike Phase Energy	millijoules	427.0	9.6	427.2	424.1	443.8	451.2	410.6
Decay Phase Duration	microseconds	29.3	0.1	29.4	29.3	29.6	29.7	29.1
Decay Phase Net Charge	microcoulombs	48.9	1.1	49.1	48.7	51.0	51.4	47.2
Decay Phase Total Charge	microcoulombs	87.4	1.3	87.3	87.2	89.7	90.3	85.1
Decay Phase Peak Current	amps	8.41	0.12	8.42	8.39	8.62	8.70	8.23
Decay Phase Peak Voltage	volts	4218	58	4218	4206	4323	4359	4123
Decay Phase Energy	millijoules	213.6	6.0	213.3	212.5	224.2	226.8	204.3
Full Pulse Duration	microseconds	38.2	0.1	38.3	38.2	38.5	38.6	38.1
Full Pulse Net Charge	microcoulombs	28.7	1.2	28.5	28.7	30.3	30.6	26.3
Full Pulse Total Charge	microcoulombs	165.0	2.1	164.8	164.6	168.7	169.5	161.7
Full Pulse Energy	millijoules	640.6	15.1	640.5	636.5	667.6	675.6	617.9
Pulse Rate	pulses/second	12.417						
Charge/Second	milliamps	0.6						
Energy/Second	watts	8.0						
Duration of Cycle	seconds	5.5571						
Total Number of Pulses	-	70						

CEW Details

Model Number	-	M26
Serial Number	-	P3-036983
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:
Below Tolerance
TI CEW Operating Parameters

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	8.9	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	79.6	70	120
Strike Phase Peak Current	amps	In Tolerance	14.34	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	7190	6900	9400
Full Pulse Duration	microseconds	In Tolerance	37.9	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	30.2	15	55
Pulse Rate	pulses/second	Below Tolerance	11.190	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	8.9	0.0	8.9	8.9	9.0	9.0	8.9
Strike Phase Net Charge	microcoulombs	79.4	0.4	79.2	79.6	79.9	80.1	78.4
Strike Phase Total Charge	microcoulombs	79.4	0.4	79.2	79.6	79.9	80.1	78.4
Strike Phase Peak Current	amps	14.29	0.07	14.26	14.34	14.39	14.43	14.12
Strike Phase Peak Voltage	volts	7162	34	7147	7190	7214	7231	7077
Strike Phase Energy	millijoules	443.9	4.1	441.9	446.8	449.8	452.2	434.5
Decay Phase Duration	microseconds	29.0	0.1	29.0	29.0	29.2	29.3	28.8
Decay Phase Net Charge	microcoulombs	49.2	1.0	49.2	49.4	50.7	50.9	47.6
Decay Phase Total Charge	microcoulombs	86.5	0.8	86.1	87.0	87.6	87.9	84.8
Decay Phase Peak Current	amps	8.49	0.06	8.47	8.54	8.56	8.59	8.33
Decay Phase Peak Voltage	volts	4253	29	4244	4280	4293	4306	4173
Decay Phase Energy	millijoules	213.0	3.1	211.8	215.4	217.4	219.1	205.5
Full Pulse Duration	microseconds	37.9	0.1	37.9	37.9	38.1	38.2	37.7
Full Pulse Net Charge	microcoulombs	30.2	1.1	29.9	30.2	31.6	31.7	28.3
Full Pulse Total Charge	microcoulombs	165.8	1.0	165.3	166.6	167.2	167.9	163.4
Full Pulse Energy	millijoules	656.9	6.1	653.7	662.1	665.7	669.8	640.4
Pulse Rate	pulses/second	11.190						
Charge/Second	milliamps	0.6						
Energy/Second	watts	7.4						
Duration of Cycle	seconds	4.9151						
Total Number of Pulses	-	56						

CEW Details

Model Number	-	M26
Serial Number	-	P3-040963
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:**In Tolerance****TI CEW Operating Parameters**

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.0	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	84.6	70	120
Strike Phase Peak Current	amps	In Tolerance	15.22	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	7630	6900	9400
Full Pulse Duration	microseconds	In Tolerance	38.3	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	31.2	15	55
Pulse Rate	pulses/second	In Tolerance	12.281	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.0	0.0	8.9	9.0	9.0	9.0	8.9
Strike Phase Net Charge	microcoulombs	84.4	1.0	84.4	84.6	85.8	86.1	81.5
Strike Phase Total Charge	microcoulombs	84.4	1.0	84.4	84.6	85.8	86.1	81.5
Strike Phase Peak Current	amps	15.18	0.22	15.21	15.22	15.48	15.56	14.54
Strike Phase Peak Voltage	volts	7610	112	7624	7630	7761	7797	7289
Strike Phase Energy	millijoules	500.6	13.4	501.6	503.4	519.2	524.0	463.6
Decay Phase Duration	microseconds	29.5	0.3	29.5	29.4	30.2	30.8	29.0
Decay Phase Net Charge	microcoulombs	53.3	1.4	53.4	53.4	55.5	55.9	49.8
Decay Phase Total Charge	microcoulombs	94.0	1.8	93.8	94.5	96.6	97.9	88.7
Decay Phase Peak Current	amps	9.10	0.15	9.10	9.14	9.31	9.36	8.65
Decay Phase Peak Voltage	volts	4562	76	4563	4581	4666	4689	4336
Decay Phase Energy	millijoules	248.1	8.6	247.5	250.6	260.4	264.7	223.0
Full Pulse Duration	microseconds	38.4	0.3	38.4	38.3	39.1	39.7	38.1
Full Pulse Net Charge	microcoulombs	31.0	1.3	31.0	31.2	32.6	32.7	28.4
Full Pulse Total Charge	microcoulombs	178.4	2.8	178.2	179.1	182.2	184.1	170.2
Full Pulse Energy	millijoules	748.7	21.6	749.1	754.1	778.6	788.7	686.6
Pulse Rate	pulses/second	12.281						
Charge/Second	milliamps	0.7						
Energy/Second	watts	9.2						
Duration of Cycle	seconds	5.2928						
Total Number of Pulses	-	66						

CEW Details

Model Number	-	M26
Serial Number	-	P3-041750
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:**In Tolerance****TI CEW Operating Parameters**

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	8.9	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	77.4	70	120
Strike Phase Peak Current	amps	In Tolerance	14.13	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	7080	6900	9400
Full Pulse Duration	microseconds	In Tolerance	37.9	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	29.1	15	55
Pulse Rate	pulses/second	In Tolerance	11.735	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	8.9	0.0	8.8	8.9	8.9	8.9	8.8
Strike Phase Net Charge	microcoulombs	77.8	0.7	77.8	77.4	78.8	79.0	76.2
Strike Phase Total Charge	microcoulombs	77.8	0.7	77.8	77.4	78.8	79.0	76.2
Strike Phase Peak Current	amps	14.22	0.13	14.21	14.13	14.41	14.45	13.89
Strike Phase Peak Voltage	volts	7125	65	7122	7080	7221	7241	6964
Strike Phase Energy	millijoules	431.5	7.6	431.0	426.6	442.6	445.2	412.7
Decay Phase Duration	microseconds	29.0	0.2	29.0	29.0	29.3	29.4	28.6
Decay Phase Net Charge	microcoulombs	48.8	1.1	48.9	48.3	50.7	51.2	46.9
Decay Phase Total Charge	microcoulombs	86.4	1.0	86.4	85.8	88.1	89.1	84.2
Decay Phase Peak Current	amps	8.49	0.08	8.48	8.45	8.63	8.76	8.32
Decay Phase Peak Voltage	volts	4257	42	4252	4235	4324	4393	4170
Decay Phase Energy	millijoules	213.1	4.4	212.7	210.5	220.2	225.5	203.4
Full Pulse Duration	microseconds	37.8	0.2	37.8	37.9	38.1	38.3	37.5
Full Pulse Net Charge	microcoulombs	29.0	1.3	28.9	29.1	30.5	30.8	26.4
Full Pulse Total Charge	microcoulombs	164.3	1.5	164.1	163.3	166.6	167.9	161.1
Full Pulse Energy	millijoules	644.6	11.2	643.7	637.1	661.1	669.5	620.6
Pulse Rate	pulses/second	11.735						
Charge/Second	milliamps	0.6						
Energy/Second	watts	7.6						
Duration of Cycle	seconds	4.7721						
Total Number of Pulses	-	57						

CEW Details

Model Number	-	M26
Serial Number	-	P3-041767
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:**Below Tolerance****TI CEW Operating Parameters**

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.1	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	80.3	70	120
Strike Phase Peak Current	amps	In Tolerance	14.11	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	7071	6900	9400
Full Pulse Duration	microseconds	In Tolerance	38.5	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	30.0	15	55
Pulse Rate	pulses/second	Below Tolerance	11.223	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.1	0.0	9.1	9.1	9.2	9.2	9.1
Strike Phase Net Charge	microcoulombs	80.5	1.1	80.4	80.3	82.0	83.0	77.6
Strike Phase Total Charge	microcoulombs	80.5	1.1	80.4	80.3	82.0	83.0	77.6
Strike Phase Peak Current	amps	14.15	0.22	14.13	14.11	14.46	14.67	13.61
Strike Phase Peak Voltage	volts	7092	112	7082	7071	7247	7351	6820
Strike Phase Energy	millijoules	446.4	12.9	445.0	444.0	464.4	476.5	414.0
Decay Phase Duration	microseconds	29.4	0.1	29.3	29.4	29.6	29.6	29.2
Decay Phase Net Charge	microcoulombs	50.5	1.3	50.3	50.3	52.4	52.7	48.2
Decay Phase Total Charge	microcoulombs	89.1	1.7	88.6	89.0	91.6	92.9	85.5
Decay Phase Peak Current	amps	8.59	0.15	8.57	8.57	8.81	8.94	8.28
Decay Phase Peak Voltage	volts	4307	76	4293	4297	4414	4480	4149
Decay Phase Energy	millijoules	222.3	8.0	220.6	221.5	233.9	240.7	206.7
Full Pulse Duration	microseconds	38.5	0.1	38.4	38.5	38.7	38.8	38.3
Full Pulse Net Charge	microcoulombs	30.0	1.2	30.0	30.0	31.5	32.0	27.5
Full Pulse Total Charge	microcoulombs	169.6	2.7	169.0	169.3	173.4	175.9	163.4
Full Pulse Energy	millijoules	668.8	20.5	665.6	665.6	697.3	717.2	620.7
Pulse Rate	pulses/second	11.223						
Charge/Second	milliamps	0.6						
Energy/Second	watts	7.5						
Duration of Cycle	seconds	4.6334						
Total Number of Pulses	-	53						

CEW Details

Model Number	-	M26
Serial Number	-	P3-041768
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:**In Tolerance****TI CEW Operating Parameters**

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.0	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	81.6	70	120
Strike Phase Peak Current	amps	In Tolerance	14.65	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	7342	6900	9400
Full Pulse Duration	microseconds	In Tolerance	38.2	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	30.6	15	55
Pulse Rate	pulses/second	In Tolerance	11.980	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.0	0.0	9.0	9.0	9.0	9.0	8.9
Strike Phase Net Charge	microcoulombs	81.6	1.3	80.2	81.6	84.0	84.5	79.4
Strike Phase Total Charge	microcoulombs	81.6	1.3	80.2	81.6	84.0	84.5	79.4
Strike Phase Peak Current	amps	14.67	0.28	14.37	14.65	15.16	15.27	14.27
Strike Phase Peak Voltage	volts	7353	139	7204	7342	7597	7655	7151
Strike Phase Energy	millijoules	467.3	16.4	450.0	466.3	496.2	502.5	442.4
Decay Phase Duration	microseconds	29.3	0.1	29.3	29.2	29.5	29.6	29.0
Decay Phase Net Charge	microcoulombs	51.2	1.3	50.2	51.0	53.5	54.6	49.0
Decay Phase Total Charge	microcoulombs	91.5	2.0	89.1	91.5	94.9	96.5	88.5
Decay Phase Peak Current	amps	8.83	0.18	8.63	8.83	9.15	9.27	8.58
Decay Phase Peak Voltage	volts	4426	90	4328	4427	4588	4648	4301
Decay Phase Energy	millijoules	234.7	9.8	223.6	234.7	252.1	259.5	221.7
Full Pulse Duration	microseconds	38.2	0.1	38.3	38.2	38.5	38.6	38.0
Full Pulse Net Charge	microcoulombs	30.4	1.2	30.0	30.6	32.2	32.8	27.9
Full Pulse Total Charge	microcoulombs	173.1	3.3	169.3	173.1	178.8	180.8	168.8
Full Pulse Energy	millijoules	702.0	25.8	673.6	701.0	747.9	760.4	666.9
Pulse Rate	pulses/second	11.980						
Charge/Second	milliamps	0.6						
Energy/Second	watts	8.4						
Duration of Cycle	seconds	4.7578						
Total Number of Pulses	-	58						

CEW Details

Model Number	-	M26
Serial Number	-	P3-049391
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:
In Tolerance
TI CEW Operating Parameters

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.1	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	86.3	70	120
Strike Phase Peak Current	amps	In Tolerance	15.30	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	7669	6900	9400
Full Pulse Duration	microseconds	In Tolerance	38.6	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	31.6	15	55
Pulse Rate	pulses/second	In Tolerance	11.464	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.1	0.0	9.1	9.1	9.1	9.2	9.0
Strike Phase Net Charge	microcoulombs	85.7	0.9	85.4	86.3	87.0	87.2	82.4
Strike Phase Total Charge	microcoulombs	85.7	0.9	85.4	86.3	87.0	87.2	82.4
Strike Phase Peak Current	amps	15.18	0.19	15.12	15.30	15.44	15.50	14.50
Strike Phase Peak Voltage	volts	7609	95	7577	7669	7739	7770	7267
Strike Phase Energy	millijoules	508.2	11.8	504.2	515.8	524.6	528.3	465.9
Decay Phase Duration	microseconds	29.6	0.1	29.6	29.5	29.8	29.9	29.3
Decay Phase Net Charge	microcoulombs	54.4	1.2	54.2	54.7	56.2	57.2	51.5
Decay Phase Total Charge	microcoulombs	98.3	1.7	97.7	99.4	100.9	102.1	92.5
Decay Phase Peak Current	amps	9.28	0.14	9.23	9.37	9.49	9.61	8.80
Decay Phase Peak Voltage	volts	4653	68	4629	4697	4754	4816	4412
Decay Phase Energy	millijoules	265.1	8.2	261.9	270.6	277.7	283.2	236.5
Full Pulse Duration	microseconds	38.7	0.1	38.7	38.6	38.9	39.0	38.5
Full Pulse Net Charge	microcoulombs	31.3	1.2	31.2	31.6	32.9	33.3	28.9
Full Pulse Total Charge	microcoulombs	184.0	2.6	183.0	185.7	187.8	189.1	174.9
Full Pulse Energy	millijoules	773.3	19.6	766.0	786.4	802.2	810.5	702.3
Pulse Rate	pulses/second	11.464						
Charge/Second	milliamps	0.6						
Energy/Second	watts	8.9						
Duration of Cycle	seconds	5.0593						
Total Number of Pulses	-	59						

CEW Details

Model Number	-	M26
Serial Number	-	P4-001536
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:**In Tolerance****TI CEW Operating Parameters**

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.3	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	84.2	70	120
Strike Phase Peak Current	amps	In Tolerance	14.55	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	7294	6900	9400
Full Pulse Duration	microseconds	In Tolerance	39.4	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	31.4	15	55
Pulse Rate	pulses/second	In Tolerance	11.469	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.3	0.0	9.3	9.3	9.3	9.3	9.2
Strike Phase Net Charge	microcoulombs	84.7	0.9	85.0	84.2	86.0	86.6	82.6
Strike Phase Total Charge	microcoulombs	84.7	0.9	85.0	84.2	86.0	86.6	82.6
Strike Phase Peak Current	amps	14.66	0.17	14.73	14.55	14.94	15.06	14.26
Strike Phase Peak Voltage	volts	7350	87	7383	7294	7487	7547	7146
Strike Phase Energy	millijoules	486.3	10.5	489.7	479.7	502.0	509.0	461.0
Decay Phase Duration	microseconds	30.2	0.3	30.2	30.2	30.9	31.1	29.8
Decay Phase Net Charge	microcoulombs	53.3	1.2	53.5	52.9	55.3	56.5	50.9
Decay Phase Total Charge	microcoulombs	92.3	1.3	92.5	91.6	94.5	95.9	88.8
Decay Phase Peak Current	amps	8.82	0.11	8.85	8.76	9.00	9.12	8.54
Decay Phase Peak Voltage	volts	4423	54	4438	4391	4510	4570	4279
Decay Phase Energy	millijoules	236.9	6.0	238.1	233.3	246.5	253.3	220.3
Full Pulse Duration	microseconds	39.5	0.3	39.4	39.4	40.1	40.3	39.1
Full Pulse Net Charge	microcoulombs	31.4	1.3	31.4	31.4	33.0	33.2	28.6
Full Pulse Total Charge	microcoulombs	177.0	2.0	177.5	175.8	180.2	182.0	171.7
Full Pulse Energy	millijoules	723.1	15.9	727.9	713.0	747.7	759.6	683.6
Pulse Rate	pulses/second	11.469						
Charge/Second	milliamps	0.6						
Energy/Second	watts	8.3						
Duration of Cycle	seconds	4.7958						
Total Number of Pulses	-	56						

CEW Details

Model Number	-	M26
Serial Number	-	P4-003469
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:
Below Tolerance
TI CEW Operating Parameters

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.4	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	71.7	70	120
Strike Phase Peak Current	amps	Below Tolerance	12.09	13.8	18.8
Strike Phase Peak Voltage	volts	Below Tolerance	6061	6900	9400
Full Pulse Duration	microseconds	In Tolerance	39.6	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	27.4	15	55
Pulse Rate	pulses/second	In Tolerance	16.700	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.4	0.0	9.4	9.4	9.5	9.5	9.4
Strike Phase Net Charge	microcoulombs	72.4	0.8	72.8	71.7	73.8	74.6	70.5
Strike Phase Total Charge	microcoulombs	72.4	0.8	72.8	71.7	73.8	74.6	70.5
Strike Phase Peak Current	amps	12.24	0.15	12.32	12.09	12.49	12.66	11.86
Strike Phase Peak Voltage	volts	6137	77	6177	6061	6259	6346	5947
Strike Phase Energy	millijoules	348.1	8.1	352.2	340.6	361.3	370.3	329.4
Decay Phase Duration	microseconds	30.1	0.2	30.0	30.2	30.5	30.7	29.8
Decay Phase Net Charge	microcoulombs	44.7	1.2	45.0	44.3	46.7	46.9	42.0
Decay Phase Total Charge	microcoulombs	76.0	1.3	76.3	75.2	78.0	79.2	72.3
Decay Phase Peak Current	amps	7.34	0.10	7.39	7.27	7.51	7.60	7.08
Decay Phase Peak Voltage	volts	3681	51	3703	3643	3763	3810	3546
Decay Phase Energy	millijoules	162.5	4.8	164.2	159.1	170.2	175.4	149.3
Full Pulse Duration	microseconds	39.5	0.2	39.5	39.6	39.9	40.1	39.3
Full Pulse Net Charge	microcoulombs	27.7	1.3	27.8	27.4	29.5	29.7	25.1
Full Pulse Total Charge	microcoulombs	148.4	1.9	149.2	146.8	151.4	153.9	142.9
Full Pulse Energy	millijoules	510.6	12.2	516.4	499.7	529.6	545.7	478.7
Pulse Rate	pulses/second	16.700						
Charge/Second	milliamps	0.7						
Energy/Second	watts	8.5						
Duration of Cycle	seconds	4.7905						
Total Number of Pulses	-	81						

CEW Details

Model Number	-	M26
Serial Number	-	P4-005643
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:
Below Tolerance
TI CEW Operating Parameters

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.1	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	74.3	70	120
Strike Phase Peak Current	amps	Below Tolerance	13.09	13.8	18.8
Strike Phase Peak Voltage	volts	Below Tolerance	6563	6900	9400
Full Pulse Duration	microseconds	In Tolerance	38.6	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	27.8	15	55
Pulse Rate	pulses/second	In Tolerance	13.167	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.1	0.0	9.1	9.1	9.1	9.2	9.1
Strike Phase Net Charge	microcoulombs	73.6	0.5	73.1	74.3	74.5	74.7	72.2
Strike Phase Total Charge	microcoulombs	73.6	0.5	73.1	74.3	74.5	74.7	72.2
Strike Phase Peak Current	amps	12.97	0.10	12.87	13.09	13.13	13.18	12.72
Strike Phase Peak Voltage	volts	6501	49	6451	6563	6582	6604	6378
Strike Phase Energy	millijoules	373.7	5.6	367.9	380.6	382.6	384.6	359.3
Decay Phase Duration	microseconds	29.5	0.2	29.4	29.5	29.7	29.9	29.2
Decay Phase Net Charge	microcoulombs	46.0	1.1	45.7	46.5	47.9	48.4	44.3
Decay Phase Total Charge	microcoulombs	80.9	1.0	80.0	82.1	82.5	83.6	78.7
Decay Phase Peak Current	amps	7.82	0.08	7.73	7.90	7.95	8.01	7.66
Decay Phase Peak Voltage	volts	3918	38	3875	3962	3983	4013	3838
Decay Phase Energy	millijoules	184.2	3.7	180.4	188.9	190.2	194.6	175.8
Full Pulse Duration	microseconds	38.6	0.1	38.5	38.6	38.8	39.0	38.3
Full Pulse Net Charge	microcoulombs	27.6	1.3	27.4	27.8	29.2	29.5	25.2
Full Pulse Total Charge	microcoulombs	154.5	1.3	153.1	156.4	156.6	158.0	151.4
Full Pulse Energy	millijoules	557.9	8.4	548.2	569.5	571.6	577.4	539.7
Pulse Rate	pulses/second	13.167						
Charge/Second	milliamps	0.6						
Energy/Second	watts	7.3						
Duration of Cycle	seconds	4.8607						
Total Number of Pulses	-	65						

CEW Details

Model Number	-	M26
Serial Number	-	P4-007555
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:
Below Tolerance
TI CEW Operating Parameters

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.3	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	88.4	70	120
Strike Phase Peak Current	amps	In Tolerance	15.42	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	7731	6900	9400
Full Pulse Duration	microseconds	In Tolerance	40.4	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	30.1	15	55
Pulse Rate	pulses/second	Below Tolerance	10.110	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.3	0.0	9.3	9.3	9.4	9.4	9.3
Strike Phase Net Charge	microcoulombs	87.7	0.9	88.0	88.4	89.0	91.0	86.2
Strike Phase Total Charge	microcoulombs	87.7	0.9	88.0	88.4	89.0	91.0	86.2
Strike Phase Peak Current	amps	15.29	0.17	15.34	15.42	15.55	15.96	15.01
Strike Phase Peak Voltage	volts	7662	86	7690	7731	7795	8000	7521
Strike Phase Energy	millijoules	521.3	11.0	525.1	530.6	538.5	564.8	503.5
Decay Phase Duration	microseconds	31.1	0.1	31.1	31.0	31.3	31.5	30.9
Decay Phase Net Charge	microcoulombs	57.7	1.1	57.9	58.3	59.3	60.2	55.6
Decay Phase Total Charge	microcoulombs	106.4	1.4	106.7	107.9	108.7	112.0	103.6
Decay Phase Peak Current	amps	9.46	0.11	9.48	9.57	9.63	9.92	9.27
Decay Phase Peak Voltage	volts	4744	55	4752	4798	4827	4973	4645
Decay Phase Energy	millijoules	292.6	7.3	294.0	300.2	303.8	323.1	278.8
Full Pulse Duration	microseconds	40.4	0.1	40.5	40.4	40.7	40.8	40.2
Full Pulse Net Charge	microcoulombs	29.9	1.3	30.1	30.1	31.6	31.9	27.8
Full Pulse Total Charge	microcoulombs	194.1	2.2	194.7	196.3	197.5	203.0	190.3
Full Pulse Energy	millijoules	814.0	17.6	819.1	830.8	841.7	887.9	785.1
Pulse Rate	pulses/second	10.110						
Charge/Second	milliamps	0.6						
Energy/Second	watts	8.2						
Duration of Cycle	seconds	4.8466						
Total Number of Pulses	-	50						

CEW Details

Model Number	-	M26
Serial Number	-	P4-010672
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:
Below Tolerance
TI CEW Operating Parameters

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.0	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	93.7	70	120
Strike Phase Peak Current	amps	In Tolerance	16.69	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	8367	6900	9400
Full Pulse Duration	microseconds	In Tolerance	38.9	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	34.7	15	55
Pulse Rate	pulses/second	Below Tolerance	8.698	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.0	0.0	9.0	9.0	9.1	9.1	9.0
Strike Phase Net Charge	microcoulombs	93.5	0.9	93.3	93.7	94.8	96.4	91.6
Strike Phase Total Charge	microcoulombs	93.5	0.9	93.3	93.7	94.8	96.4	91.6
Strike Phase Peak Current	amps	16.63	0.20	16.59	16.69	16.92	17.27	16.25
Strike Phase Peak Voltage	volts	8336	98	8315	8367	8479	8656	8146
Strike Phase Energy	millijoules	608.3	12.6	605.5	612.2	626.6	650.3	583.8
Decay Phase Duration	microseconds	29.9	0.8	29.9	29.9	31.3	32.6	29.2
Decay Phase Net Charge	microcoulombs	58.8	1.3	58.7	59.0	60.9	61.9	56.6
Decay Phase Total Charge	microcoulombs	104.8	1.5	104.2	105.5	107.1	108.6	102.1
Decay Phase Peak Current	amps	10.07	0.11	10.05	10.12	10.23	10.38	9.86
Decay Phase Peak Voltage	volts	5048	56	5035	5072	5128	5203	4940
Decay Phase Energy	millijoules	306.6	7.5	304.0	309.9	317.6	330.0	293.9
Full Pulse Duration	microseconds	39.0	0.8	39.0	38.9	40.4	41.6	38.3
Full Pulse Net Charge	microcoulombs	34.6	1.5	34.6	34.7	36.3	36.4	31.7
Full Pulse Total Charge	microcoulombs	198.3	2.2	197.5	199.2	201.5	205.0	194.4
Full Pulse Energy	millijoules	914.9	19.5	909.5	922.2	942.8	980.3	878.7
Pulse Rate	pulses/second	8.698						
Charge/Second	milliamps	0.5						
Energy/Second	watts	8.0						
Duration of Cycle	seconds	4.7136						
Total Number of Pulses	-	42						

CEW Details

Model Number	-	M26
Serial Number	-	P4-015564
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:
Below Tolerance
TI CEW Operating Parameters

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.1	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	95.1	70	120
Strike Phase Peak Current	amps	In Tolerance	16.96	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	8502	6900	9400
Full Pulse Duration	microseconds	In Tolerance	39.3	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	32.8	15	55
Pulse Rate	pulses/second	Below Tolerance	8.437	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.1	0.0	9.2	9.1	9.2	9.2	9.0
Strike Phase Net Charge	microcoulombs	91.7	2.3	90.1	95.1	95.4	96.4	88.9
Strike Phase Total Charge	microcoulombs	91.7	2.3	90.1	95.1	95.4	96.4	88.9
Strike Phase Peak Current	amps	16.20	0.51	15.84	16.96	17.02	17.24	15.59
Strike Phase Peak Voltage	volts	8120	255	7940	8502	8533	8642	7815
Strike Phase Energy	millijoules	580.6	32.2	557.8	629.0	633.2	647.6	542.2
Decay Phase Duration	microseconds	30.1	0.2	30.1	30.2	30.4	30.9	29.8
Decay Phase Net Charge	microcoulombs	59.5	2.1	58.2	62.3	62.8	64.3	56.4
Decay Phase Total Charge	microcoulombs	108.7	4.4	105.4	115.5	116.1	117.8	102.9
Decay Phase Peak Current	amps	10.04	0.32	9.80	10.51	10.58	10.71	9.66
Decay Phase Peak Voltage	volts	5031	162	4913	5269	5302	5368	4840
Decay Phase Energy	millijoules	318.0	24.0	300.2	354.5	358.3	366.6	289.1
Full Pulse Duration	microseconds	39.3	0.2	39.3	39.3	39.5	40.0	39.0
Full Pulse Net Charge	microcoulombs	32.2	1.3	31.9	32.8	33.6	34.4	29.9
Full Pulse Total Charge	microcoulombs	200.5	6.7	195.5	210.5	211.5	214.0	192.2
Full Pulse Energy	millijoules	898.7	56.0	858.0	983.5	991.4	1011.4	834.7
Pulse Rate	pulses/second	8.437						
Charge/Second	milliamps	0.5						
Energy/Second	watts	7.6						
Duration of Cycle	seconds	4.7411						
Total Number of Pulses	-	41						

CEW Details

Model Number	-	M26
Serial Number	-	P4-015612
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:
Below Tolerance
TI CEW Operating Parameters

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.3	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	85.9	70	120
Strike Phase Peak Current	amps	In Tolerance	14.87	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	7453	6900	9400
Full Pulse Duration	microseconds	In Tolerance	39.3	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	30.7	15	55
Pulse Rate	pulses/second	Below Tolerance	9.752	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.3	0.0	9.3	9.3	9.3	9.3	9.2
Strike Phase Net Charge	microcoulombs	86.4	1.2	85.6	85.9	88.2	89.1	83.8
Strike Phase Total Charge	microcoulombs	86.4	1.2	85.6	85.9	88.2	89.1	83.8
Strike Phase Peak Current	amps	14.98	0.24	14.83	14.87	15.36	15.55	14.47
Strike Phase Peak Voltage	volts	7508	119	7433	7453	7700	7793	7254
Strike Phase Energy	millijoules	506.1	14.7	496.5	499.8	529.7	541.8	475.4
Decay Phase Duration	microseconds	30.0	0.2	30.0	30.0	30.3	30.5	29.7
Decay Phase Net Charge	microcoulombs	55.6	1.3	55.0	55.2	57.7	58.6	52.6
Decay Phase Total Charge	microcoulombs	100.7	1.8	99.3	100.0	103.6	105.1	96.3
Decay Phase Peak Current	amps	9.33	0.16	9.22	9.27	9.60	9.71	8.96
Decay Phase Peak Voltage	volts	4678	82	4619	4646	4810	4865	4491
Decay Phase Energy	millijoules	273.1	9.6	266.1	269.3	288.3	295.8	251.4
Full Pulse Duration	microseconds	39.3	0.2	39.2	39.3	39.5	39.8	39.0
Full Pulse Net Charge	microcoulombs	30.8	1.4	30.6	30.7	32.5	33.0	28.2
Full Pulse Total Charge	microcoulombs	187.1	2.9	184.9	185.9	191.7	194.0	180.6
Full Pulse Energy	millijoules	779.1	23.9	762.6	769.1	817.8	836.0	731.1
Pulse Rate	pulses/second	9.752						
Charge/Second	milliamps	0.5						
Energy/Second	watts	7.6						
Duration of Cycle	seconds	5.0248						
Total Number of Pulses	-	50						

CEW Details

Model Number	-	M26
Serial Number	-	P4-019022
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:**Below Tolerance****TI CEW Operating Parameters**

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.0	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	92.8	70	120
Strike Phase Peak Current	amps	In Tolerance	16.54	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	8290	6900	9400
Full Pulse Duration	microseconds	In Tolerance	38.8	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	33.7	15	55
Pulse Rate	pulses/second	Below Tolerance	9.426	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.0	0.0	9.0	9.0	9.1	9.1	9.0
Strike Phase Net Charge	microcoulombs	92.7	1.1	92.5	92.8	94.7	97.3	91.4
Strike Phase Total Charge	microcoulombs	92.7	1.1	92.5	92.8	94.7	97.3	91.4
Strike Phase Peak Current	amps	16.52	0.26	16.51	16.54	17.00	17.57	16.23
Strike Phase Peak Voltage	volts	8281	132	8273	8290	8524	8807	8137
Strike Phase Energy	millijoules	598.3	16.7	596.6	599.5	628.5	666.2	580.6
Decay Phase Duration	microseconds	29.7	0.4	29.7	29.7	30.4	30.8	29.4
Decay Phase Net Charge	microcoulombs	58.9	1.4	58.7	59.1	61.2	62.6	56.7
Decay Phase Total Charge	microcoulombs	107.0	2.1	106.5	107.5	110.8	114.3	104.0
Decay Phase Peak Current	amps	10.13	0.15	10.11	10.15	10.41	10.73	9.91
Decay Phase Peak Voltage	volts	5079	77	5067	5089	5219	5378	4969
Decay Phase Energy	millijoules	315.5	11.4	313.3	317.7	336.4	358.1	300.3
Full Pulse Duration	microseconds	38.8	0.3	38.7	38.8	39.4	39.9	38.4
Full Pulse Net Charge	microcoulombs	33.7	1.3	33.8	33.7	35.3	35.8	31.3
Full Pulse Total Charge	microcoulombs	199.6	3.2	199.0	200.3	205.5	211.6	195.5
Full Pulse Energy	millijoules	913.8	27.7	909.9	917.3	964.9	1024.3	880.9
Pulse Rate	pulses/second	9.426						
Charge/Second	milliamps	0.6						
Energy/Second	watts	8.6						
Duration of Cycle	seconds	4.7740						
Total Number of Pulses	-	46						

CEW Details

Model Number	-	M26
Serial Number	-	P4-019024
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:
Below Tolerance
TI CEW Operating Parameters

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.0	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	86.2	70	120
Strike Phase Peak Current	amps	In Tolerance	15.36	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	7699	6900	9400
Full Pulse Duration	microseconds	In Tolerance	38.3	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	31.3	15	55
Pulse Rate	pulses/second	Below Tolerance	11.191	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.0	0.0	9.0	9.0	9.1	9.1	9.0
Strike Phase Net Charge	microcoulombs	86.5	0.7	86.5	86.2	87.6	89.0	85.4
Strike Phase Total Charge	microcoulombs	86.5	0.7	86.5	86.2	87.6	89.0	85.4
Strike Phase Peak Current	amps	15.42	0.14	15.44	15.36	15.65	15.94	15.22
Strike Phase Peak Voltage	volts	7730	68	7738	7699	7842	7990	7629
Strike Phase Energy	millijoules	521.7	8.7	521.8	517.2	536.1	555.3	508.2
Decay Phase Duration	microseconds	29.2	0.1	29.3	29.2	29.5	29.5	29.0
Decay Phase Net Charge	microcoulombs	55.2	1.2	55.2	54.9	57.0	58.0	53.2
Decay Phase Total Charge	microcoulombs	100.3	1.2	100.1	99.9	102.3	104.6	98.3
Decay Phase Peak Current	amps	9.55	0.10	9.54	9.51	9.71	9.94	9.36
Decay Phase Peak Voltage	volts	4787	49	4782	4767	4867	4982	4690
Decay Phase Energy	millijoules	278.3	6.1	277.3	275.9	288.5	301.3	268.6
Full Pulse Duration	microseconds	38.3	0.1	38.3	38.3	38.5	38.6	38.1
Full Pulse Net Charge	microcoulombs	31.3	1.3	31.3	31.3	32.8	33.0	29.0
Full Pulse Total Charge	microcoulombs	186.8	1.8	186.6	186.1	189.7	193.6	184.1
Full Pulse Energy	millijoules	799.9	14.1	799.1	793.1	823.3	856.6	779.5
Pulse Rate	pulses/second	11.191						
Charge/Second	milliamps	0.6						
Energy/Second	watts	9.0						
Duration of Cycle	seconds	4.5573						
Total Number of Pulses	-	52						

CEW Details

Model Number	-	M26
Serial Number	-	P4-019707
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:
Below Tolerance
TI CEW Operating Parameters

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	8.9	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	85.9	70	120
Strike Phase Peak Current	amps	In Tolerance	15.63	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	7832	6900	9400
Full Pulse Duration	microseconds	In Tolerance	37.6	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	32.2	15	55
Pulse Rate	pulses/second	Below Tolerance	10.887	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	8.8	0.0	8.8	8.9	8.9	8.9	8.8
Strike Phase Net Charge	microcoulombs	85.9	0.7	85.3	85.9	86.9	87.6	84.7
Strike Phase Total Charge	microcoulombs	85.9	0.7	85.3	85.9	86.9	87.6	84.7
Strike Phase Peak Current	amps	15.63	0.13	15.52	15.63	15.85	16.05	15.41
Strike Phase Peak Voltage	volts	7834	65	7781	7832	7943	8045	7724
Strike Phase Energy	millijoules	525.3	8.5	517.8	525.4	539.1	551.0	511.3
Decay Phase Duration	microseconds	28.7	0.2	28.8	28.7	29.1	29.7	28.5
Decay Phase Net Charge	microcoulombs	54.0	1.2	53.6	53.7	55.8	56.9	51.8
Decay Phase Total Charge	microcoulombs	97.6	1.2	96.4	97.6	99.4	101.6	95.0
Decay Phase Peak Current	amps	9.53	0.10	9.43	9.53	9.68	9.86	9.34
Decay Phase Peak Voltage	volts	4775	50	4728	4775	4851	4944	4681
Decay Phase Energy	millijoules	270.1	5.9	264.5	270.3	279.2	291.4	258.0
Full Pulse Duration	microseconds	37.6	0.2	37.6	37.6	37.9	38.6	37.4
Full Pulse Net Charge	microcoulombs	31.9	1.3	31.7	32.2	33.6	33.7	29.6
Full Pulse Total Charge	microcoulombs	183.4	1.7	181.7	183.5	186.1	189.3	179.9
Full Pulse Energy	millijoules	795.4	13.7	782.2	795.7	817.5	842.4	769.8
Pulse Rate	pulses/second	10.887						
Charge/Second	milliamps	0.6						
Energy/Second	watts	8.7						
Duration of Cycle	seconds	4.8680						
Total Number of Pulses	-	54						

CEW Details

Model Number	-	M26
Serial Number	-	P4-019709
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:
In Tolerance
TI CEW Operating Parameters

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.4	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	89.4	70	120
Strike Phase Peak Current	amps	In Tolerance	15.29	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	7665	6900	9400
Full Pulse Duration	microseconds	In Tolerance	40.1	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	32.1	15	55
Pulse Rate	pulses/second	In Tolerance	11.615	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.4	0.0	9.4	9.4	9.4	9.4	9.3
Strike Phase Net Charge	microcoulombs	89.3	0.8	89.6	89.4	90.6	91.3	87.7
Strike Phase Total Charge	microcoulombs	89.3	0.8	89.6	89.4	90.6	91.3	87.7
Strike Phase Peak Current	amps	15.29	0.15	15.36	15.29	15.54	15.68	15.01
Strike Phase Peak Voltage	volts	7663	76	7698	7665	7789	7859	7522
Strike Phase Energy	millijoules	533.9	10.0	537.7	534.3	550.8	561.1	515.4
Decay Phase Duration	microseconds	30.8	0.4	30.8	30.7	31.6	32.5	30.4
Decay Phase Net Charge	microcoulombs	57.4	1.2	57.7	57.3	59.3	60.5	55.2
Decay Phase Total Charge	microcoulombs	100.7	1.3	100.9	101.0	102.8	104.3	97.8
Decay Phase Peak Current	amps	9.37	0.11	9.40	9.37	9.55	9.67	9.17
Decay Phase Peak Voltage	volts	4697	53	4714	4699	4787	4847	4597
Decay Phase Energy	millijoules	274.3	6.4	275.9	275.3	284.7	291.5	261.0
Full Pulse Duration	microseconds	40.2	0.4	40.2	40.1	41.0	41.8	39.8
Full Pulse Net Charge	microcoulombs	31.9	1.4	31.9	32.1	33.5	34.1	28.6
Full Pulse Total Charge	microcoulombs	190.0	1.9	190.5	190.3	193.3	195.3	186.1
Full Pulse Energy	millijoules	808.2	15.7	813.7	809.6	835.3	848.3	780.9
Pulse Rate	pulses/second	11.615						
Charge/Second	milliamps	0.7						
Energy/Second	watts	9.4						
Duration of Cycle	seconds	4.4769						
Total Number of Pulses	-	53						

CEW Details

Model Number	-	M26
Serial Number	-	P4-019716
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:
In Tolerance
TI CEW Operating Parameters

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.1	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	80.1	70	120
Strike Phase Peak Current	amps	In Tolerance	14.13	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	7084	6900	9400
Full Pulse Duration	microseconds	In Tolerance	38.3	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	30.8	15	55
Pulse Rate	pulses/second	In Tolerance	12.805	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.1	0.0	9.1	9.1	9.1	9.1	9.0
Strike Phase Net Charge	microcoulombs	79.7	1.0	79.9	80.1	81.6	81.9	77.8
Strike Phase Total Charge	microcoulombs	79.7	1.0	79.9	80.1	81.6	81.9	77.8
Strike Phase Peak Current	amps	14.07	0.19	14.11	14.13	14.42	14.51	13.71
Strike Phase Peak Voltage	volts	7053	94	7074	7084	7229	7271	6874
Strike Phase Energy	millijoules	440.0	11.0	441.8	444.1	460.9	465.4	418.5
Decay Phase Duration	microseconds	29.3	0.2	29.3	29.3	29.7	30.3	28.9
Decay Phase Net Charge	microcoulombs	49.1	1.1	49.2	49.3	50.9	51.6	47.2
Decay Phase Total Charge	microcoulombs	86.0	1.3	86.0	86.7	88.3	89.3	84.0
Decay Phase Peak Current	amps	8.44	0.11	8.45	8.48	8.64	8.68	8.26
Decay Phase Peak Voltage	volts	4232	56	4237	4249	4332	4353	4139
Decay Phase Energy	millijoules	211.0	5.8	211.3	213.9	221.5	224.3	202.7
Full Pulse Duration	microseconds	38.4	0.2	38.4	38.3	38.8	39.4	38.0
Full Pulse Net Charge	microcoulombs	30.6	1.4	30.6	30.8	32.5	33.0	28.1
Full Pulse Total Charge	microcoulombs	165.7	2.1	165.9	166.8	169.7	170.8	162.2
Full Pulse Energy	millijoules	651.0	16.3	653.1	658.0	681.8	688.8	622.1
Pulse Rate	pulses/second	12.805						
Charge/Second	milliamps	0.6						
Energy/Second	watts	8.3						
Duration of Cycle	seconds	4.9981						
Total Number of Pulses	-	65						

CEW Details

Model Number	-	M26
Serial Number	-	P4-020568
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:
Below Tolerance
TI CEW Operating Parameters

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.2	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	91.3	70	120
Strike Phase Peak Current	amps	In Tolerance	16.08	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	8060	6900	9400
Full Pulse Duration	microseconds	In Tolerance	39.2	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	32.4	15	55
Pulse Rate	pulses/second	Below Tolerance	9.488	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.1	0.0	9.1	9.2	9.2	9.2	9.1
Strike Phase Net Charge	microcoulombs	93.2	1.7	93.2	91.3	95.8	96.3	90.5
Strike Phase Total Charge	microcoulombs	93.2	1.7	93.2	91.3	95.8	96.3	90.5
Strike Phase Peak Current	amps	16.51	0.37	16.53	16.08	17.07	17.22	15.95
Strike Phase Peak Voltage	volts	8275	188	8283	8060	8558	8633	7995
Strike Phase Energy	millijoules	601.2	24.2	601.8	574.1	637.9	646.3	564.8
Decay Phase Duration	microseconds	30.1	0.2	30.1	30.1	30.5	30.8	29.8
Decay Phase Net Charge	microcoulombs	60.4	1.6	60.6	58.9	62.7	63.6	57.9
Decay Phase Total Charge	microcoulombs	110.7	2.8	110.6	107.7	114.9	116.5	107.1
Decay Phase Peak Current	amps	10.19	0.21	10.20	9.95	10.50	10.62	9.89
Decay Phase Peak Voltage	volts	5109	104	5114	4987	5265	5321	4957
Decay Phase Energy	millijoules	328.7	15.8	328.5	311.4	352.6	360.4	308.8
Full Pulse Duration	microseconds	39.2	0.2	39.2	39.2	39.6	39.9	38.9
Full Pulse Net Charge	microcoulombs	32.8	1.4	32.6	32.4	34.4	35.0	30.3
Full Pulse Total Charge	microcoulombs	203.9	4.5	203.9	199.0	210.6	212.8	198.0
Full Pulse Energy	millijoules	930.0	39.8	930.3	885.5	990.0	1006.7	875.0
Pulse Rate	pulses/second	9.488						
Charge/Second	milliamps	0.6						
Energy/Second	watts	8.8						
Duration of Cycle	seconds	4.9536						
Total Number of Pulses	-	48						

CEW Details

Model Number	-	M26
Serial Number	-	P4-020796
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:
Below Tolerance
TI CEW Operating Parameters

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.2	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	94.8	70	120
Strike Phase Peak Current	amps	In Tolerance	16.70	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	8371	6900	9400
Full Pulse Duration	microseconds	In Tolerance	39.4	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	30.1	15	55
Pulse Rate	pulses/second	Below Tolerance	9.705	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.2	0.0	9.2	9.2	9.2	9.2	9.1
Strike Phase Net Charge	microcoulombs	93.2	1.3	93.7	94.8	95.3	96.4	90.2
Strike Phase Total Charge	microcoulombs	93.2	1.3	93.7	94.8	95.3	96.4	90.2
Strike Phase Peak Current	amps	16.34	0.29	16.46	16.70	16.83	17.09	15.69
Strike Phase Peak Voltage	volts	8190	147	8251	8371	8433	8568	7863
Strike Phase Energy	millijoules	595.4	18.4	602.8	618.6	625.9	641.8	554.0
Decay Phase Duration	microseconds	31.0	3.2	31.8	30.3	35.3	43.9	30.0
Decay Phase Net Charge	microcoulombs	63.5	1.4	63.9	64.7	65.8	66.7	61.7
Decay Phase Total Charge	microcoulombs	119.2	2.8	120.2	122.3	124.1	126.5	114.9
Decay Phase Peak Current	amps	10.58	0.20	10.65	10.85	10.94	11.08	10.27
Decay Phase Peak Voltage	volts	5304	100	5340	5440	5484	5556	5147
Decay Phase Energy	millijoules	368.1	14.4	373.1	387.7	394.1	406.7	343.8
Full Pulse Duration	microseconds	40.2	3.2	41.0	39.4	44.5	53.1	39.2
Full Pulse Net Charge	microcoulombs	29.8	1.3	29.8	30.1	31.3	31.5	26.9
Full Pulse Total Charge	microcoulombs	212.4	3.9	214.0	217.2	219.2	222.0	205.1
Full Pulse Energy	millijoules	963.5	32.5	975.8	1006.3	1020.0	1048.5	897.8
Pulse Rate	pulses/second	9.705						
Charge/Second	milliamps	0.6						
Energy/Second	watts	9.4						
Duration of Cycle	seconds	4.8428						
Total Number of Pulses	-	48						

CEW Details

Model Number	-	M26
Serial Number	-	P4-020800
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:
Below Tolerance
TI CEW Operating Parameters

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.1	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	90.0	70	120
Strike Phase Peak Current	amps	In Tolerance	15.79	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	7913	6900	9400
Full Pulse Duration	microseconds	In Tolerance	38.9	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	29.8	15	55
Pulse Rate	pulses/second	Below Tolerance	9.947	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.1	0.0	9.1	9.1	9.2	9.2	9.1
Strike Phase Net Charge	microcoulombs	90.8	0.7	91.2	90.0	91.9	92.8	89.2
Strike Phase Total Charge	microcoulombs	90.8	0.7	91.2	90.0	91.9	92.8	89.2
Strike Phase Peak Current	amps	15.97	0.15	16.06	15.79	16.21	16.40	15.70
Strike Phase Peak Voltage	volts	8004	77	8050	7913	8126	8223	7868
Strike Phase Energy	millijoules	567.9	9.7	573.3	556.5	582.8	594.7	548.8
Decay Phase Duration	microseconds	29.8	0.3	29.8	29.8	30.2	31.1	29.6
Decay Phase Net Charge	microcoulombs	60.8	1.3	61.1	60.2	62.9	63.5	58.8
Decay Phase Total Charge	microcoulombs	111.9	1.5	112.5	110.6	114.5	115.1	109.3
Decay Phase Peak Current	amps	10.29	0.09	10.33	10.21	10.46	10.50	10.14
Decay Phase Peak Voltage	volts	5157	46	5178	5116	5242	5261	5084
Decay Phase Energy	millijoules	336.2	7.8	339.5	328.7	349.6	352.5	323.0
Full Pulse Duration	microseconds	38.9	0.3	38.9	38.9	39.3	40.1	38.7
Full Pulse Net Charge	microcoulombs	30.0	1.3	30.0	29.8	31.5	31.8	27.3
Full Pulse Total Charge	microcoulombs	202.7	2.1	203.6	200.6	206.3	207.3	199.2
Full Pulse Energy	millijoules	904.1	16.8	912.8	885.2	932.0	946.1	877.1
Pulse Rate	pulses/second	9.947						
Charge/Second	milliamps	0.6						
Energy/Second	watts	9.0						
Duration of Cycle	seconds	5.1273						
Total Number of Pulses	-	52						

CEW Details

Model Number	-	M26
Serial Number	-	P4-020809
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:**Below Tolerance****TI CEW Operating Parameters**

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.0	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	95.9	70	120
Strike Phase Peak Current	amps	In Tolerance	17.26	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	8653	6900	9400
Full Pulse Duration	microseconds	In Tolerance	40.2	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	31.1	15	55
Pulse Rate	pulses/second	Below Tolerance	8.809	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.0	0.0	9.0	9.0	9.0	9.0	8.9
Strike Phase Net Charge	microcoulombs	95.5	1.0	94.6	95.9	97.1	97.7	93.8
Strike Phase Total Charge	microcoulombs	95.5	1.0	94.6	95.9	97.1	97.7	93.8
Strike Phase Peak Current	amps	17.18	0.22	16.97	17.26	17.52	17.70	16.80
Strike Phase Peak Voltage	volts	8609	112	8504	8653	8783	8874	8422
Strike Phase Energy	millijoules	640.6	14.6	626.3	646.4	663.5	675.4	615.9
Decay Phase Duration	microseconds	30.4	2.6	29.8	31.2	33.4	42.9	29.6
Decay Phase Net Charge	microcoulombs	64.6	1.4	63.6	64.9	66.9	68.2	61.8
Decay Phase Total Charge	microcoulombs	121.1	2.5	118.6	122.4	125.0	128.0	116.6
Decay Phase Peak Current	amps	11.02	0.18	10.85	11.10	11.30	11.52	10.69
Decay Phase Peak Voltage	volts	5525	89	5439	5564	5663	5772	5356
Decay Phase Energy	millijoules	389.0	13.1	375.6	395.2	409.7	425.5	363.9
Full Pulse Duration	microseconds	39.4	2.6	38.8	40.2	42.3	51.8	38.5
Full Pulse Net Charge	microcoulombs	30.9	1.4	31.0	31.1	32.4	32.7	28.1
Full Pulse Total Charge	microcoulombs	216.6	3.3	213.2	218.4	221.8	224.6	210.6
Full Pulse Energy	millijoules	1029.6	27.1	1001.9	1041.6	1073.0	1100.9	981.4
Pulse Rate	pulses/second	8.809						
Charge/Second	milliamps	0.6						
Energy/Second	watts	9.1						
Duration of Cycle	seconds	4.9952						
Total Number of Pulses	-	45						

CEW Details

Model Number	-	M26
Serial Number	-	P4-021531
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:
In Tolerance
TI CEW Operating Parameters

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.1	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	87.9	70	120
Strike Phase Peak Current	amps	In Tolerance	15.46	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	7748	6900	9400
Full Pulse Duration	microseconds	In Tolerance	38.8	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	32.6	15	55
Pulse Rate	pulses/second	In Tolerance	11.414	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.1	0.0	9.1	9.1	9.2	9.2	9.1
Strike Phase Net Charge	microcoulombs	87.8	0.6	87.4	87.9	88.7	89.1	86.2
Strike Phase Total Charge	microcoulombs	87.8	0.6	87.4	87.9	88.7	89.1	86.2
Strike Phase Peak Current	amps	15.45	0.10	15.40	15.46	15.61	15.67	15.23
Strike Phase Peak Voltage	volts	7743	53	7717	7748	7822	7857	7631
Strike Phase Energy	millijoules	530.5	7.7	525.9	531.8	542.7	547.0	512.4
Decay Phase Duration	microseconds	29.7	0.3	29.8	29.7	30.3	30.8	29.4
Decay Phase Net Charge	microcoulombs	55.4	1.1	55.2	55.3	57.1	57.6	53.7
Decay Phase Total Charge	microcoulombs	98.1	1.0	97.3	98.4	99.6	100.3	95.9
Decay Phase Peak Current	amps	9.37	0.08	9.32	9.38	9.50	9.54	9.22
Decay Phase Peak Voltage	volts	4695	41	4670	4703	4761	4783	4624
Decay Phase Energy	millijoules	267.0	4.7	263.4	268.4	274.5	277.6	257.3
Full Pulse Duration	microseconds	38.9	0.3	38.9	38.8	39.4	39.9	38.6
Full Pulse Net Charge	microcoulombs	32.4	1.3	32.1	32.6	34.0	34.5	29.9
Full Pulse Total Charge	microcoulombs	185.8	1.4	184.7	186.3	188.0	189.3	183.0
Full Pulse Energy	millijoules	797.5	11.5	789.3	800.2	816.1	823.3	772.9
Pulse Rate	pulses/second	11.414						
Charge/Second	milliamps	0.6						
Energy/Second	watts	9.1						
Duration of Cycle	seconds	4.7310						
Total Number of Pulses	-	55						

CEW Details

Model Number	-	M26
Serial Number	-	P4-025351
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:
Below Tolerance
TI CEW Operating Parameters

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.3	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	86.3	70	120
Strike Phase Peak Current	amps	In Tolerance	14.90	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	7469	6900	9400
Full Pulse Duration	microseconds	In Tolerance	39.9	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	31.6	15	55
Pulse Rate	pulses/second	Below Tolerance	10.386	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.3	0.0	9.3	9.3	9.4	9.4	9.3
Strike Phase Net Charge	microcoulombs	86.2	0.6	85.6	86.3	87.0	87.5	84.9
Strike Phase Total Charge	microcoulombs	86.2	0.6	85.6	86.3	87.0	87.5	84.9
Strike Phase Peak Current	amps	14.87	0.11	14.77	14.90	15.03	15.10	14.60
Strike Phase Peak Voltage	volts	7454	54	7405	7469	7531	7571	7320
Strike Phase Energy	millijoules	501.0	6.8	494.6	502.2	511.1	517.3	485.4
Decay Phase Duration	microseconds	30.6	0.2	30.6	30.5	30.9	31.1	30.3
Decay Phase Net Charge	microcoulombs	54.5	1.1	54.3	54.7	56.2	57.0	52.8
Decay Phase Total Charge	microcoulombs	95.3	1.0	94.3	95.6	96.8	98.1	92.9
Decay Phase Peak Current	amps	8.97	0.07	8.90	8.99	9.08	9.19	8.83
Decay Phase Peak Voltage	volts	4497	37	4461	4508	4553	4605	4424
Decay Phase Energy	millijoules	248.4	4.5	244.0	249.9	255.3	261.6	238.7
Full Pulse Duration	microseconds	39.9	0.2	39.9	39.9	40.2	40.4	39.6
Full Pulse Net Charge	microcoulombs	31.6	1.2	31.3	31.6	33.1	33.3	29.4
Full Pulse Total Charge	microcoulombs	181.4	1.4	179.9	181.9	183.6	185.4	178.3
Full Pulse Energy	millijoules	749.5	10.6	738.6	752.1	765.3	777.9	729.7
Pulse Rate	pulses/second	10.386						
Charge/Second	milliamps	0.6						
Energy/Second	watts	7.8						
Duration of Cycle	seconds	4.7178						
Total Number of Pulses	-	50						

CEW Details

Model Number	-	M26
Serial Number	-	P4-025352
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:
Below Tolerance
TI CEW Operating Parameters

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.2	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	93.6	70	120
Strike Phase Peak Current	amps	In Tolerance	16.64	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	8343	6900	9400
Full Pulse Duration	microseconds	In Tolerance	40.2	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	31.5	15	55
Pulse Rate	pulses/second	Below Tolerance	9.059	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.2	0.0	9.2	9.2	9.2	9.2	9.2
Strike Phase Net Charge	microcoulombs	92.7	0.9	92.5	93.6	94.1	94.5	90.8
Strike Phase Total Charge	microcoulombs	92.7	0.9	92.5	93.6	94.1	94.5	90.8
Strike Phase Peak Current	amps	16.45	0.20	16.42	16.64	16.74	16.83	16.01
Strike Phase Peak Voltage	volts	8247	98	8229	8343	8389	8434	8025
Strike Phase Energy	millijoules	593.4	12.7	590.8	605.3	612.3	619.1	565.5
Decay Phase Duration	microseconds	31.0	0.3	31.0	31.0	31.3	32.4	30.7
Decay Phase Net Charge	microcoulombs	61.5	1.2	61.4	62.1	63.4	64.3	59.7
Decay Phase Total Charge	microcoulombs	114.2	1.5	113.6	115.6	116.4	117.3	111.1
Decay Phase Peak Current	amps	10.14	0.11	10.11	10.25	10.29	10.33	9.89
Decay Phase Peak Voltage	volts	5083	53	5066	5136	5156	5180	4957
Decay Phase Energy	millijoules	336.6	8.3	334.0	345.0	348.6	352.8	318.4
Full Pulse Duration	microseconds	40.2	0.3	40.1	40.2	40.5	41.6	39.9
Full Pulse Net Charge	microcoulombs	31.2	1.5	31.1	31.5	32.8	33.4	28.4
Full Pulse Total Charge	microcoulombs	206.9	2.3	206.1	209.2	210.2	211.7	201.9
Full Pulse Energy	millijoules	930.0	20.3	924.7	950.3	959.6	969.3	883.9
Pulse Rate	pulses/second	9.059						
Charge/Second	milliamps	0.6						
Energy/Second	watts	8.4						
Duration of Cycle	seconds	4.8570						
Total Number of Pulses	-	45						

CEW Details

Model Number	-	M26
Serial Number	-	P4-025353
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:
Below Tolerance
TI CEW Operating Parameters

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.1	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	95.9	70	120
Strike Phase Peak Current	amps	In Tolerance	16.95	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	8494	6900	9400
Full Pulse Duration	microseconds	In Tolerance	39.1	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	34.2	15	55
Pulse Rate	pulses/second	Below Tolerance	7.856	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.1	0.0	9.1	9.1	9.2	9.2	9.0
Strike Phase Net Charge	microcoulombs	95.8	1.2	95.9	95.9	97.3	98.2	93.3
Strike Phase Total Charge	microcoulombs	95.8	1.2	95.9	95.9	97.3	98.2	93.3
Strike Phase Peak Current	amps	16.93	0.26	16.96	16.95	17.27	17.46	16.41
Strike Phase Peak Voltage	volts	8487	131	8502	8494	8658	8752	8223
Strike Phase Energy	millijoules	634.4	17.2	636.2	635.6	656.7	669.1	599.2
Decay Phase Duration	microseconds	30.0	0.3	30.0	29.9	30.4	31.0	29.7
Decay Phase Net Charge	microcoulombs	61.7	1.3	61.8	61.7	63.6	64.8	59.4
Decay Phase Total Charge	microcoulombs	113.2	2.1	113.0	113.6	116.1	118.0	109.6
Decay Phase Peak Current	amps	10.47	0.16	10.48	10.48	10.70	10.86	10.21
Decay Phase Peak Voltage	volts	5249	82	5253	5255	5363	5442	5120
Decay Phase Energy	millijoules	346.2	11.7	346.0	347.8	362.5	373.1	326.0
Full Pulse Duration	microseconds	39.1	0.3	39.1	39.1	39.5	40.1	38.8
Full Pulse Net Charge	microcoulombs	34.1	1.3	34.1	34.2	35.7	35.9	31.4
Full Pulse Total Charge	microcoulombs	209.1	3.1	209.0	209.5	213.3	215.7	203.1
Full Pulse Energy	millijoules	980.6	28.4	982.1	983.4	1018.5	1037.3	925.2
Pulse Rate	pulses/second	7.856						
Charge/Second	milliamps	0.5						
Energy/Second	watts	7.7						
Duration of Cycle	seconds	4.8374						
Total Number of Pulses	-	39						

CEW Details

Model Number	-	M26
Serial Number	-	P4-025354
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:
Below Tolerance
TI CEW Operating Parameters

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	8.8	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	79.2	70	120
Strike Phase Peak Current	amps	In Tolerance	14.69	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	7364	6900	9400
Full Pulse Duration	microseconds	In Tolerance	37.3	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	28.1	15	55
Pulse Rate	pulses/second	Below Tolerance	11.189	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	8.8	0.0	8.8	8.8	8.8	8.8	8.7
Strike Phase Net Charge	microcoulombs	79.4	0.9	79.1	79.2	80.8	81.8	77.8
Strike Phase Total Charge	microcoulombs	79.4	0.9	79.1	79.2	80.8	81.8	77.8
Strike Phase Peak Current	amps	14.75	0.19	14.69	14.69	15.07	15.27	14.42
Strike Phase Peak Voltage	volts	7391	94	7363	7364	7551	7654	7226
Strike Phase Energy	millijoules	455.3	10.6	451.9	452.8	473.4	485.1	437.8
Decay Phase Duration	microseconds	28.5	0.1	28.5	28.6	28.7	28.8	28.4
Decay Phase Net Charge	microcoulombs	51.2	1.0	51.0	51.1	52.9	53.6	49.4
Decay Phase Total Charge	microcoulombs	96.0	1.4	95.4	95.9	98.4	100.0	93.6
Decay Phase Peak Current	amps	9.12	0.12	9.08	9.11	9.33	9.45	8.93
Decay Phase Peak Voltage	volts	4572	59	4553	4566	4675	4738	4475
Decay Phase Energy	millijoules	254.5	6.8	251.6	253.6	266.3	274.7	242.8
Full Pulse Duration	microseconds	37.3	0.1	37.3	37.3	37.4	37.5	37.1
Full Pulse Net Charge	microcoulombs	28.1	1.1	28.1	28.1	29.4	29.7	26.0
Full Pulse Total Charge	microcoulombs	175.4	2.1	174.5	175.1	179.1	181.8	171.9
Full Pulse Energy	millijoules	709.8	17.0	703.5	706.4	739.1	759.8	684.4
Pulse Rate	pulses/second	11.189						
Charge/Second	milliamps	0.6						
Energy/Second	watts	7.9						
Duration of Cycle	seconds	4.6476						
Total Number of Pulses	-	53						

CEW Details

Model Number	-	M26
Serial Number	-	P4-025356
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:**Below Tolerance****TI CEW Operating Parameters**

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	8.8	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	82.1	70	120
Strike Phase Peak Current	amps	In Tolerance	15.03	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	7536	6900	9400
Full Pulse Duration	microseconds	In Tolerance	37.2	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	31.1	15	55
Pulse Rate	pulses/second	Below Tolerance	10.503	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	8.8	0.0	8.8	8.8	8.8	8.8	8.7
Strike Phase Net Charge	microcoulombs	83.3	1.1	83.6	82.1	85.1	85.5	81.3
Strike Phase Total Charge	microcoulombs	83.3	1.1	83.6	82.1	85.1	85.5	81.3
Strike Phase Peak Current	amps	15.28	0.22	15.35	15.03	15.65	15.74	14.92
Strike Phase Peak Voltage	volts	7660	111	7696	7536	7844	7888	7478
Strike Phase Energy	millijoules	498.2	13.8	502.0	483.2	521.7	526.4	474.0
Decay Phase Duration	microseconds	28.4	0.2	28.4	28.4	28.8	29.2	28.2
Decay Phase Net Charge	microcoulombs	51.9	1.2	52.0	51.0	53.7	54.6	49.8
Decay Phase Total Charge	microcoulombs	92.6	1.7	92.7	90.9	95.3	95.8	90.2
Decay Phase Peak Current	amps	9.23	0.15	9.26	9.07	9.49	9.53	9.00
Decay Phase Peak Voltage	volts	4627	76	4643	4546	4756	4777	4513
Decay Phase Energy	millijoules	248.2	8.4	249.4	239.5	262.1	263.7	236.8
Full Pulse Duration	microseconds	37.2	0.2	37.2	37.2	37.6	38.0	36.9
Full Pulse Net Charge	microcoulombs	31.4	1.3	31.5	31.1	32.8	33.3	28.9
Full Pulse Total Charge	microcoulombs	175.9	2.6	176.3	173.0	180.3	180.9	172.0
Full Pulse Energy	millijoules	746.4	21.7	751.4	722.6	783.4	790.1	712.4
Pulse Rate	pulses/second	10.503						
Charge/Second	milliamps	0.5						
Energy/Second	watts	7.8						
Duration of Cycle	seconds	4.7605						
Total Number of Pulses	-	51						

CEW Details

Model Number	-	M26
Serial Number	-	P4-025359
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:
Below Tolerance
TI CEW Operating Parameters

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.1	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	94.4	70	120
Strike Phase Peak Current	amps	In Tolerance	16.72	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	8381	6900	9400
Full Pulse Duration	microseconds	In Tolerance	39.1	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	32.7	15	55
Pulse Rate	pulses/second	Below Tolerance	8.408	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.1	0.0	9.2	9.1	9.2	9.2	9.0
Strike Phase Net Charge	microcoulombs	93.2	1.5	92.3	94.4	95.3	96.4	90.5
Strike Phase Total Charge	microcoulombs	93.2	1.5	92.3	94.4	95.3	96.4	90.5
Strike Phase Peak Current	amps	16.44	0.36	16.24	16.72	16.93	17.20	15.84
Strike Phase Peak Voltage	volts	8242	180	8139	8381	8487	8620	7937
Strike Phase Energy	millijoules	599.1	22.3	586.3	616.5	629.9	647.4	561.6
Decay Phase Duration	microseconds	30.0	0.2	29.9	29.9	30.2	30.5	29.7
Decay Phase Net Charge	microcoulombs	60.8	1.7	60.1	61.6	63.0	63.9	57.8
Decay Phase Total Charge	microcoulombs	112.8	3.0	110.9	115.2	116.8	119.6	107.3
Decay Phase Peak Current	amps	10.31	0.22	10.18	10.48	10.62	10.83	9.92
Decay Phase Peak Voltage	volts	5168	109	5103	5252	5321	5427	4973
Decay Phase Energy	millijoules	339.3	16.5	329.1	352.4	362.2	377.3	310.4
Full Pulse Duration	microseconds	39.1	0.1	39.1	39.1	39.3	39.6	38.9
Full Pulse Net Charge	microcoulombs	32.4	1.2	32.2	32.7	33.9	34.3	30.1
Full Pulse Total Charge	microcoulombs	205.9	4.4	203.1	209.5	212.0	216.1	197.8
Full Pulse Energy	millijoules	938.4	38.6	915.5	968.9	991.4	1024.8	872.0
Pulse Rate	pulses/second	8.408						
Charge/Second	milliamps	0.5						
Energy/Second	watts	7.9						
Duration of Cycle	seconds	4.7572						
Total Number of Pulses	-	41						

CEW Details

Model Number	-	M26
Serial Number	-	P4-025361
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:**Below Tolerance****TI CEW Operating Parameters**

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.2	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	94.0	70	120
Strike Phase Peak Current	amps	In Tolerance	16.41	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	8223	6900	9400
Full Pulse Duration	microseconds	In Tolerance	39.6	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	33.6	15	55
Pulse Rate	pulses/second	Below Tolerance	9.359	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.2	0.0	9.2	9.2	9.3	9.3	9.2
Strike Phase Net Charge	microcoulombs	94.0	0.8	94.1	94.0	95.2	96.2	92.5
Strike Phase Total Charge	microcoulombs	94.0	0.8	94.1	94.0	95.2	96.2	92.5
Strike Phase Peak Current	amps	16.40	0.18	16.45	16.41	16.67	16.90	16.10
Strike Phase Peak Voltage	volts	8219	88	8245	8223	8356	8472	8071
Strike Phase Energy	millijoules	602.8	11.1	605.3	603.0	619.5	634.9	583.7
Decay Phase Duration	microseconds	30.5	0.3	30.5	30.4	31.0	31.6	30.2
Decay Phase Net Charge	microcoulombs	60.6	1.4	60.9	60.4	62.7	63.3	58.5
Decay Phase Total Charge	microcoulombs	109.1	1.6	109.1	109.2	111.6	113.2	106.6
Decay Phase Peak Current	amps	10.11	0.11	10.12	10.12	10.26	10.35	9.91
Decay Phase Peak Voltage	volts	5066	53	5074	5073	5144	5186	4966
Decay Phase Energy	millijoules	320.6	8.2	321.8	321.3	333.2	342.7	307.3
Full Pulse Duration	microseconds	39.7	0.3	39.7	39.6	40.2	40.8	39.4
Full Pulse Net Charge	microcoulombs	33.4	1.4	33.3	33.6	34.8	35.1	30.8
Full Pulse Total Charge	microcoulombs	203.1	2.2	203.3	203.2	206.5	209.4	199.3
Full Pulse Energy	millijoules	923.4	18.5	927.1	924.2	951.4	977.6	892.6
Pulse Rate	pulses/second	9.359						
Charge/Second	milliamps	0.6						
Energy/Second	watts	8.6						
Duration of Cycle	seconds	4.5946						
Total Number of Pulses	-	44						

5.2 TEST RESULTS - NELSON

CEW Details

Model Number	-	M26
Serial Number	-	P1-010856
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:

In Tolerance

TI CEW Operating Parameters

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	8.8	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	78.0	70	120
Strike Phase Peak Current	amps	In Tolerance	14.27	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	7153	6900	9400
Full Pulse Duration	microseconds	In Tolerance	36.8	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	28.3	15	55
Pulse Rate	pulses/second	In Tolerance	12.178	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	8.8	0.0	8.8	8.8	8.8	8.8	8.7
Strike Phase Net Charge	microcoulombs	78.2	0.6	78.3	78.0	79.2	79.3	76.6
Strike Phase Total Charge	microcoulombs	78.2	0.6	78.3	78.0	79.2	79.3	76.6
Strike Phase Peak Current	amps	14.34	0.12	14.35	14.27	14.52	14.56	14.05
Strike Phase Peak Voltage	volts	7187	60	7194	7153	7280	7296	7042
Strike Phase Energy	millijoules	438.9	6.9	439.7	435.4	449.4	451.1	421.1
Decay Phase Duration	microseconds	28.0	0.1	28.0	28.0	28.2	28.3	27.8
Decay Phase Net Charge	microcoulombs	49.7	1.0	49.7	49.6	51.3	51.7	48.2
Decay Phase Total Charge	microcoulombs	90.9	1.0	90.7	90.7	92.3	92.6	88.9
Decay Phase Peak Current	amps	8.92	0.07	8.92	8.89	9.03	9.06	8.77
Decay Phase Peak Voltage	volts	4472	37	4469	4457	4528	4540	4394
Decay Phase Energy	millijoules	235.6	4.4	234.8	234.3	242.2	243.7	226.6
Full Pulse Duration	microseconds	36.8	0.1	36.8	36.8	37.0	37.1	36.6
Full Pulse Net Charge	microcoulombs	28.5	1.2	28.6	28.3	30.0	30.1	26.5
Full Pulse Total Charge	microcoulombs	169.1	1.4	169.0	168.7	171.2	171.8	165.9
Full Pulse Energy	millijoules	674.5	10.5	674.5	669.8	690.0	693.0	648.5
Pulse Rate	pulses/second	12.178						
Charge/Second	milliamps	0.6						
Energy/Second	watts	8.2						
Duration of Cycle	seconds	5.2554						
Total Number of Pulses	-	65						

5.3 TEST RESULTS - OAK BAY

CEW Details

Model Number	-	M26
Serial Number	-	P2-013907
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:

Below Tolerance

TI CEW Operating Parameters

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.2	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	83.4	70	120
Strike Phase Peak Current	amps	In Tolerance	14.85	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	7446	6900	9400
Full Pulse Duration	microseconds	In Tolerance	39.6	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	27.9	15	55
Pulse Rate	pulses/second	Below Tolerance	10.803	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.2	0.0	9.1	9.2	9.2	9.2	9.1
Strike Phase Net Charge	microcoulombs	82.8	0.7	82.6	83.4	83.8	84.0	81.0
Strike Phase Total Charge	microcoulombs	82.8	0.7	82.6	83.4	83.8	84.0	81.0
Strike Phase Peak Current	amps	14.71	0.15	14.68	14.85	14.93	14.99	14.31
Strike Phase Peak Voltage	volts	7374	75	7357	7446	7483	7512	7170
Strike Phase Energy	millijoules	473.1	8.6	471.2	481.2	485.8	488.4	451.0
Decay Phase Duration	microseconds	30.4	0.1	30.5	30.4	30.6	30.7	30.3
Decay Phase Net Charge	microcoulombs	55.0	1.2	54.9	55.5	56.7	57.2	52.3
Decay Phase Total Charge	microcoulombs	101.7	1.4	101.2	103.0	103.7	104.2	97.6
Decay Phase Peak Current	amps	9.15	0.11	9.13	9.25	9.30	9.36	8.82
Decay Phase Peak Voltage	volts	4587	55	4575	4636	4661	4691	4422
Decay Phase Energy	millijoules	270.3	6.8	267.9	276.5	279.6	282.3	249.9
Full Pulse Duration	microseconds	39.6	0.1	39.6	39.6	39.8	39.8	39.4
Full Pulse Net Charge	microcoulombs	27.7	1.2	27.7	27.9	29.2	29.4	25.5
Full Pulse Total Charge	microcoulombs	184.5	2.0	183.8	186.4	187.3	188.2	178.6
Full Pulse Energy	millijoules	743.4	14.8	739.1	757.7	764.0	770.6	700.9
Pulse Rate	pulses/second	10.803						
Charge/Second	milliamps	0.6						
Energy/Second	watts	8.0						
Duration of Cycle	seconds	5.0913						
Total Number of Pulses	-	56						

CEW Details

Model Number	-	M26
Serial Number	-	P2-014516
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:
Below Tolerance
TI CEW Operating Parameters

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.1	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	85.0	70	120
Strike Phase Peak Current	amps	In Tolerance	14.99	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	7515	6900	9400
Full Pulse Duration	microseconds	In Tolerance	39.2	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	31.1	15	55
Pulse Rate	pulses/second	Below Tolerance	10.188	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.1	0.0	9.1	9.1	9.1	9.2	9.0
Strike Phase Net Charge	microcoulombs	85.2	0.7	85.3	85.0	86.2	87.1	83.7
Strike Phase Total Charge	microcoulombs	85.2	0.7	85.3	85.0	86.2	87.1	83.7
Strike Phase Peak Current	amps	15.04	0.14	15.06	14.99	15.26	15.48	14.74
Strike Phase Peak Voltage	volts	7539	72	7550	7515	7651	7760	7387
Strike Phase Energy	millijoules	501.1	8.8	502.6	498.3	514.8	528.3	482.8
Decay Phase Duration	microseconds	30.0	0.3	30.2	30.1	30.5	30.9	29.6
Decay Phase Net Charge	microcoulombs	53.9	1.2	54.1	53.8	55.9	57.0	51.8
Decay Phase Total Charge	microcoulombs	94.9	1.4	94.8	94.9	97.1	99.0	91.9
Decay Phase Peak Current	amps	9.04	0.11	9.05	9.02	9.22	9.40	8.83
Decay Phase Peak Voltage	volts	4532	56	4538	4522	4621	4714	4425
Decay Phase Energy	millijoules	248.6	6.5	248.4	248.1	258.8	269.6	235.5
Full Pulse Duration	microseconds	39.1	0.3	39.3	39.2	39.6	40.0	38.7
Full Pulse Net Charge	microcoulombs	31.2	1.1	31.2	31.1	32.5	32.8	29.0
Full Pulse Total Charge	microcoulombs	180.1	2.0	180.1	179.9	183.2	186.2	175.9
Full Pulse Energy	millijoules	749.7	14.8	751.1	746.4	773.4	797.9	718.4
Pulse Rate	pulses/second	10.188						
Charge/Second	milliamps	0.5						
Energy/Second	watts	7.6						
Duration of Cycle	seconds	5.0061						
Total Number of Pulses	-	52						

CEW Details

Model Number	-	M26
Serial Number	-	P3-015298
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:**In Tolerance****TI CEW Operating Parameters**

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.1	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	81.8	70	120
Strike Phase Peak Current	amps	In Tolerance	14.32	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	7179	6900	9400
Full Pulse Duration	microseconds	In Tolerance	38.8	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	30.4	15	55
Pulse Rate	pulses/second	In Tolerance	12.027	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.1	0.0	9.1	9.1	9.2	9.2	9.1
Strike Phase Net Charge	microcoulombs	81.4	1.0	81.7	81.8	82.6	83.3	78.7
Strike Phase Total Charge	microcoulombs	81.4	1.0	81.7	81.8	82.6	83.3	78.7
Strike Phase Peak Current	amps	14.25	0.19	14.33	14.32	14.48	14.61	13.75
Strike Phase Peak Voltage	volts	7145	94	7182	7179	7257	7322	6890
Strike Phase Energy	millijoules	454.7	11.2	459.0	458.9	468.3	476.4	423.6
Decay Phase Duration	microseconds	29.5	0.2	29.5	29.6	29.8	30.4	29.3
Decay Phase Net Charge	microcoulombs	51.2	1.1	51.5	51.4	53.1	53.8	49.0
Decay Phase Total Charge	microcoulombs	89.7	1.4	90.0	90.4	91.4	92.3	85.9
Decay Phase Peak Current	amps	8.63	0.12	8.67	8.68	8.79	8.89	8.30
Decay Phase Peak Voltage	volts	4326	62	4348	4350	4405	4455	4159
Decay Phase Energy	millijoules	224.8	6.4	226.7	227.5	233.0	237.6	207.4
Full Pulse Duration	microseconds	38.7	0.2	38.7	38.8	39.0	39.5	38.5
Full Pulse Net Charge	microcoulombs	30.2	1.3	30.3	30.4	31.8	32.0	27.6
Full Pulse Total Charge	microcoulombs	171.1	2.2	171.7	172.1	173.8	174.7	165.1
Full Pulse Energy	millijoules	679.4	17.1	685.8	686.3	700.6	709.9	635.3
Pulse Rate	pulses/second	12.027						
Charge/Second	milliamps	0.6						
Energy/Second	watts	8.2						
Duration of Cycle	seconds	4.7394						
Total Number of Pulses	-	58						

5.4 TEST RESULTS - PORT MOODY

CEW Details

Model Number	-	M26
Serial Number	-	P4-023566
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:

Below Tolerance

TI CEW Operating Parameters

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.3	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	95.6	70	120
Strike Phase Peak Current	amps	In Tolerance	16.71	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	8375	6900	9400
Full Pulse Duration	microseconds	In Tolerance	40.5	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	34.6	15	55
Pulse Rate	pulses/second	Below Tolerance	8.044	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.2	0.0	9.2	9.3	9.3	9.3	9.1
Strike Phase Net Charge	microcoulombs	96.0	0.8	96.2	95.6	97.1	98.6	94.3
Strike Phase Total Charge	microcoulombs	96.0	0.8	96.2	95.6	97.1	98.6	94.3
Strike Phase Peak Current	amps	16.79	0.19	16.85	16.71	17.06	17.47	16.46
Strike Phase Peak Voltage	volts	8416	93	8446	8375	8550	8758	8249
Strike Phase Energy	millijoules	628.6	11.9	632.1	623.5	645.6	670.3	606.2
Decay Phase Duration	microseconds	31.1	0.5	31.0	31.2	31.9	32.3	30.5
Decay Phase Net Charge	microcoulombs	61.4	1.2	61.5	61.1	63.3	65.4	59.6
Decay Phase Total Charge	microcoulombs	108.6	1.6	108.9	108.0	110.9	114.5	106.6
Decay Phase Peak Current	amps	10.14	0.11	10.15	10.10	10.29	10.58	9.95
Decay Phase Peak Voltage	volts	5081	54	5086	5061	5157	5302	4986
Decay Phase Energy	millijoules	320.4	7.8	322.0	317.2	332.0	351.9	308.4
Full Pulse Duration	microseconds	40.4	0.5	40.2	40.5	41.1	41.5	39.8
Full Pulse Net Charge	microcoulombs	34.5	1.3	34.7	34.6	36.0	36.7	32.4
Full Pulse Total Charge	microcoulombs	204.5	2.2	205.1	203.6	207.8	213.1	201.2
Full Pulse Energy	millijoules	949.1	19.2	954.1	940.7	977.0	1022.2	916.7
Pulse Rate	pulses/second	8.044						
Charge/Second	milliamps	0.5						
Energy/Second	watts	7.6						
Duration of Cycle	seconds	4.7241						
Total Number of Pulses	-	39						

CEW Details

Model Number	-	M26
Serial Number	-	P4-023569
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:**Below Tolerance****TI CEW Operating Parameters**

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.1	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	94.6	70	120
Strike Phase Peak Current	amps	In Tolerance	16.72	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	8378	6900	9400
Full Pulse Duration	microseconds	In Tolerance	39.2	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	34.3	15	55
Pulse Rate	pulses/second	Below Tolerance	8.055	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.1	0.0	9.1	9.1	9.1	9.2	9.1
Strike Phase Net Charge	microcoulombs	94.8	0.6	94.6	94.6	95.6	96.1	93.8
Strike Phase Total Charge	microcoulombs	94.8	0.6	94.6	94.6	95.6	96.1	93.8
Strike Phase Peak Current	amps	16.78	0.12	16.75	16.72	16.95	17.07	16.53
Strike Phase Peak Voltage	volts	8409	60	8397	8378	8496	8555	8284
Strike Phase Energy	millijoules	621.4	7.9	619.4	617.9	632.7	639.6	607.1
Decay Phase Duration	microseconds	30.3	0.6	30.1	30.1	31.2	32.2	29.7
Decay Phase Net Charge	microcoulombs	60.7	1.2	60.6	60.3	62.5	63.3	58.4
Decay Phase Total Charge	microcoulombs	109.1	1.1	108.6	108.8	110.6	111.2	106.6
Decay Phase Peak Current	amps	10.23	0.06	10.20	10.21	10.30	10.34	10.07
Decay Phase Peak Voltage	volts	5125	31	5113	5117	5163	5181	5045
Decay Phase Energy	millijoules	324.7	5.3	322.3	323.0	331.5	335.3	311.8
Full Pulse Duration	microseconds	39.4	0.6	39.2	39.2	40.3	41.3	38.8
Full Pulse Net Charge	microcoulombs	34.1	1.4	34.1	34.3	35.6	35.7	31.5
Full Pulse Total Charge	microcoulombs	203.9	1.5	203.2	203.3	205.9	207.1	200.5
Full Pulse Energy	millijoules	946.1	12.4	941.7	940.9	963.3	974.9	919.0
Pulse Rate	pulses/second	8.055						
Charge/Second	milliamps	0.5						
Energy/Second	watts	7.6						
Duration of Cycle	seconds	4.5932						
Total Number of Pulses	-	38						

5.5 TEST RESULTS - SAANICH**CEW Details**

Model Number	-	M26
Serial Number	-	P3-045454
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:**Below Tolerance****TI CEW Operating Parameters**

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.1	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	77.1	70	120
Strike Phase Peak Current	amps	Below Tolerance	13.59	13.8	18.8
Strike Phase Peak Voltage	volts	Below Tolerance	6811	6900	9400
Full Pulse Duration	microseconds	In Tolerance	38.2	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	30.3	15	55
Pulse Rate	pulses/second	In Tolerance	12.371	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.1	0.0	9.0	9.1	9.1	9.1	9.0
Strike Phase Net Charge	microcoulombs	77.4	0.6	77.7	77.1	78.2	78.4	75.2
Strike Phase Total Charge	microcoulombs	77.4	0.6	77.7	77.1	78.2	78.4	75.2
Strike Phase Peak Current	amps	13.67	0.12	13.76	13.59	13.83	13.86	13.22
Strike Phase Peak Voltage	volts	6854	59	6895	6811	6932	6947	6628
Strike Phase Energy	millijoules	415.2	6.6	418.7	410.9	423.4	425.2	390.1
Decay Phase Duration	microseconds	29.2	0.2	29.2	29.2	29.5	29.5	29.0
Decay Phase Net Charge	microcoulombs	47.3	1.1	47.5	46.8	49.0	49.2	44.9
Decay Phase Total Charge	microcoulombs	81.7	1.0	81.9	81.1	83.1	83.3	78.1
Decay Phase Peak Current	amps	8.07	0.08	8.10	8.02	8.18	8.21	7.78
Decay Phase Peak Voltage	volts	4043	41	4058	4022	4100	4115	3899
Decay Phase Energy	millijoules	191.9	4.2	193.1	189.8	197.7	198.6	177.4
Full Pulse Duration	microseconds	38.2	0.1	38.2	38.2	38.5	38.6	38.1
Full Pulse Net Charge	microcoulombs	30.1	1.1	30.2	30.3	31.6	31.7	28.3
Full Pulse Total Charge	microcoulombs	159.1	1.5	159.6	158.2	161.0	161.5	153.3
Full Pulse Energy	millijoules	607.1	10.1	611.8	600.7	619.8	621.9	567.5
Pulse Rate	pulses/second	12.371						
Charge/Second	milliamps	0.6						
Energy/Second	watts	7.5						
Duration of Cycle	seconds	5.1734						
Total Number of Pulses	-	65						

CEW Details

Model Number	-	M26
Serial Number	-	P4-012298
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:
Below Tolerance
TI CEW Operating Parameters

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.2	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	90.8	70	120
Strike Phase Peak Current	amps	In Tolerance	15.79	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	7915	6900	9400
Full Pulse Duration	microseconds	In Tolerance	39.5	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	33.4	15	55
Pulse Rate	pulses/second	Below Tolerance	9.357	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.2	0.0	9.2	9.2	9.3	9.3	9.2
Strike Phase Net Charge	microcoulombs	90.6	0.9	90.0	90.8	91.8	92.0	88.0
Strike Phase Total Charge	microcoulombs	90.6	0.9	90.0	90.8	91.8	92.0	88.0
Strike Phase Peak Current	amps	15.76	0.18	15.63	15.79	16.00	16.06	15.28
Strike Phase Peak Voltage	volts	7899	91	7836	7915	8018	8051	7661
Strike Phase Energy	millijoules	559.7	11.9	551.7	562.2	575.0	578.8	526.6
Decay Phase Duration	microseconds	30.3	0.2	30.3	30.3	30.7	31.0	30.0
Decay Phase Net Charge	microcoulombs	57.4	1.2	56.8	57.5	59.2	59.7	55.2
Decay Phase Total Charge	microcoulombs	101.9	1.6	100.4	102.4	104.1	105.0	98.2
Decay Phase Peak Current	amps	9.60	0.13	9.51	9.64	9.77	9.86	9.27
Decay Phase Peak Voltage	volts	4814	66	4767	4834	4898	4941	4649
Decay Phase Energy	millijoules	284.2	8.1	277.2	286.6	294.9	298.9	264.8
Full Pulse Duration	microseconds	39.6	0.2	39.6	39.5	39.9	40.2	39.2
Full Pulse Net Charge	microcoulombs	33.2	1.2	33.2	33.4	34.7	35.0	30.7
Full Pulse Total Charge	microcoulombs	192.6	2.4	190.5	193.2	195.6	197.0	187.0
Full Pulse Energy	millijoules	843.9	19.4	828.8	848.7	868.0	876.1	794.7
Pulse Rate	pulses/second	9.357						
Charge/Second	milliamps	0.5						
Energy/Second	watts	7.9						
Duration of Cycle	seconds	5.2366						
Total Number of Pulses	-	50						

5.6 TEST RESULTS - VICTORIA

CEW Details

Model Number	-	M26
Serial Number	-	P000329
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:

Below Tolerance

TI CEW Operating Parameters

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	7.8	7	12
Strike Phase Net Charge	microcoulombs	Below Tolerance	69.4	70	120
Strike Phase Peak Current	amps	In Tolerance	14.34	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	7190	6900	9400
Full Pulse Duration	microseconds	In Tolerance	36.6	32	60
Full Pulse Net Charge	microcoulombs	Below Tolerance	14.2	15	55
Pulse Rate	pulses/second	Below Tolerance	10.141	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	7.8	0.0	7.8	7.8	7.9	7.9	7.7
Strike Phase Net Charge	microcoulombs	69.9	1.0	70.1	69.4	71.1	71.7	67.0
Strike Phase Total Charge	microcoulombs	69.9	1.0	70.1	69.4	71.1	71.7	67.0
Strike Phase Peak Current	amps	14.51	0.29	14.55	14.34	14.85	14.98	13.64
Strike Phase Peak Voltage	volts	7271	145	7295	7190	7444	7507	6836
Strike Phase Energy	millijoules	395.9	13.5	398.2	388.4	412.1	419.0	357.4
Decay Phase Duration	microseconds	28.8	0.1	28.9	28.8	29.1	29.3	28.6
Decay Phase Net Charge	microcoulombs	55.7	1.4	56.0	55.1	57.8	58.4	52.6
Decay Phase Total Charge	microcoulombs	96.9	2.5	97.4	95.6	100.2	101.6	90.0
Decay Phase Peak Current	amps	9.76	0.25	9.81	9.64	10.08	10.18	9.02
Decay Phase Peak Voltage	volts	4894	124	4918	4831	5052	5102	4521
Decay Phase Energy	millijoules	276.3	13.9	278.8	269.0	294.0	300.6	237.3
Full Pulse Duration	microseconds	36.6	0.1	36.7	36.6	36.9	37.1	36.4
Full Pulse Net Charge	microcoulombs	14.2	1.1	14.1	14.2	15.6	16.0	12.4
Full Pulse Total Charge	microcoulombs	166.8	3.5	167.5	164.9	171.3	173.1	157.0
Full Pulse Energy	millijoules	672.1	27.1	677.0	657.4	705.7	717.6	594.7
Pulse Rate	pulses/second	10.141						
Charge/Second	milliamps	0.6						
Energy/Second	watts	6.8						
Duration of Cycle	seconds	5.0293						
Total Number of Pulses	-	52						

CEW Details

Model Number	-	M26
Serial Number	-	P2-014530
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:
Below Tolerance
TI CEW Operating Parameters

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.2	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	84.3	70	120
Strike Phase Peak Current	amps	In Tolerance	14.71	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	7374	6900	9400
Full Pulse Duration	microseconds	In Tolerance	39.0	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	31.4	15	55
Pulse Rate	pulses/second	Below Tolerance	9.535	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.2	0.0	9.2	9.2	9.2	9.2	9.1
Strike Phase Net Charge	microcoulombs	84.3	0.6	84.3	84.3	85.2	85.5	82.9
Strike Phase Total Charge	microcoulombs	84.3	0.6	84.3	84.3	85.2	85.5	82.9
Strike Phase Peak Current	amps	14.72	0.12	14.71	14.71	14.90	14.98	14.51
Strike Phase Peak Voltage	volts	7380	59	7375	7374	7469	7508	7272
Strike Phase Energy	millijoules	486.3	7.2	485.8	485.9	497.1	501.2	470.8
Decay Phase Duration	microseconds	29.9	0.2	29.9	29.8	30.2	30.5	29.6
Decay Phase Net Charge	microcoulombs	53.0	1.1	52.9	52.9	54.6	55.2	51.0
Decay Phase Total Charge	microcoulombs	92.7	1.1	92.4	92.8	94.3	95.2	90.4
Decay Phase Peak Current	amps	8.88	0.09	8.87	8.88	9.00	9.08	8.69
Decay Phase Peak Voltage	volts	4451	43	4448	4453	4509	4551	4355
Decay Phase Energy	millijoules	239.0	5.0	237.8	239.0	245.8	251.1	228.2
Full Pulse Duration	microseconds	39.0	0.2	39.1	39.0	39.4	39.6	38.8
Full Pulse Net Charge	microcoulombs	31.3	1.2	31.3	31.4	32.7	33.0	29.1
Full Pulse Total Charge	microcoulombs	177.0	1.6	176.7	177.1	179.2	180.4	173.9
Full Pulse Energy	millijoules	725.3	11.5	723.6	725.0	741.9	749.8	703.5
Pulse Rate	pulses/second	9.535						
Charge/Second	milliamps	0.5						
Energy/Second	watts	6.9						
Duration of Cycle	seconds	4.7194						
Total Number of Pulses	-	46						

CEW Details

Model Number	-	M26
Serial Number	-	P3-015410
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:
Below Tolerance
TI CEW Operating Parameters

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	8.9	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	83.1	70	120
Strike Phase Peak Current	amps	In Tolerance	15.17	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	7603	6900	9400
Full Pulse Duration	microseconds	In Tolerance	38.0	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	31.3	15	55
Pulse Rate	pulses/second	Below Tolerance	10.780	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	8.9	0.0	8.9	8.9	8.9	8.9	8.8
Strike Phase Net Charge	microcoulombs	83.3	0.8	83.5	83.1	84.6	85.4	81.7
Strike Phase Total Charge	microcoulombs	83.3	0.8	83.5	83.1	84.6	85.4	81.7
Strike Phase Peak Current	amps	15.22	0.16	15.28	15.17	15.48	15.64	14.94
Strike Phase Peak Voltage	volts	7628	78	7658	7603	7760	7839	7487
Strike Phase Energy	millijoules	494.5	9.7	497.5	491.8	510.8	522.2	476.1
Decay Phase Duration	microseconds	29.2	0.2	29.1	29.1	29.5	29.6	28.8
Decay Phase Net Charge	microcoulombs	52.0	1.0	52.2	51.8	53.5	54.2	50.1
Decay Phase Total Charge	microcoulombs	91.8	1.2	92.0	91.6	93.8	95.6	89.6
Decay Phase Peak Current	amps	9.01	0.10	9.04	8.99	9.19	9.31	8.84
Decay Phase Peak Voltage	volts	4518	51	4533	4508	4604	4665	4429
Decay Phase Energy	millijoules	240.2	5.6	241.8	239.3	249.9	257.9	230.1
Full Pulse Duration	microseconds	38.0	0.2	37.9	38.0	38.4	38.5	37.7
Full Pulse Net Charge	microcoulombs	31.3	1.2	31.3	31.3	32.7	33.2	29.0
Full Pulse Total Charge	microcoulombs	175.1	1.8	175.5	174.7	178.3	181.0	171.5
Full Pulse Energy	millijoules	734.6	14.7	739.3	731.2	760.1	780.1	707.2
Pulse Rate	pulses/second	10.780						
Charge/Second	milliamps	0.6						
Energy/Second	watts	7.9						
Duration of Cycle	seconds	4.7309						
Total Number of Pulses	-	52						

CEW Details

Model Number	-	M26
Serial Number	-	P3-050480
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:
Below Tolerance
TI CEW Operating Parameters

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.2	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	78.4	70	120
Strike Phase Peak Current	amps	Below Tolerance	13.67	13.8	18.8
Strike Phase Peak Voltage	volts	Below Tolerance	6851	6900	9400
Full Pulse Duration	microseconds	In Tolerance	38.6	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	29.5	15	55
Pulse Rate	pulses/second	In Tolerance	12.290	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.2	0.0	9.1	9.2	9.2	9.2	9.1
Strike Phase Net Charge	microcoulombs	78.2	1.0	79.1	78.4	79.8	81.6	75.9
Strike Phase Total Charge	microcoulombs	78.2	1.0	79.1	78.4	79.8	81.6	75.9
Strike Phase Peak Current	amps	13.64	0.19	13.84	13.67	13.97	14.34	13.18
Strike Phase Peak Voltage	volts	6838	97	6936	6851	7001	7187	6607
Strike Phase Energy	millijoules	418.8	10.9	429.4	420.7	437.3	458.5	393.0
Decay Phase Duration	microseconds	29.5	0.2	29.5	29.4	29.7	29.9	29.2
Decay Phase Net Charge	microcoulombs	48.7	1.2	49.4	48.9	50.6	50.8	46.1
Decay Phase Total Charge	microcoulombs	85.3	1.5	86.7	85.8	87.6	89.6	82.0
Decay Phase Peak Current	amps	8.27	0.12	8.40	8.31	8.47	8.69	7.97
Decay Phase Peak Voltage	volts	4148	62	4211	4163	4245	4357	3996
Decay Phase Energy	millijoules	205.6	6.4	211.8	207.3	215.6	225.3	190.2
Full Pulse Duration	microseconds	38.6	0.1	38.6	38.6	38.9	39.0	38.4
Full Pulse Net Charge	microcoulombs	29.6	1.3	29.7	29.5	31.2	31.5	27.5
Full Pulse Total Charge	microcoulombs	163.6	2.3	165.8	164.2	167.1	170.8	157.9
Full Pulse Energy	millijoules	624.4	16.8	641.2	628.1	651.8	683.8	583.2
Pulse Rate	pulses/second	12.290						
Charge/Second	milliamps	0.6						
Energy/Second	watts	7.7						
Duration of Cycle	seconds	4.8822						
Total Number of Pulses	-	61						

CEW Details

Model Number	-	M26
Serial Number	-	P4-001539
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:**Below Tolerance****TI CEW Operating Parameters**

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.6	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	82.3	70	120
Strike Phase Peak Current	amps	Below Tolerance	13.79	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	6914	6900	9400
Full Pulse Duration	microseconds	In Tolerance	40.3	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	29.2	15	55
Pulse Rate	pulses/second	In Tolerance	12.628	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.5	0.0	9.5	9.6	9.6	9.6	9.5
Strike Phase Net Charge	microcoulombs	82.4	0.8	82.5	82.3	83.8	85.3	80.9
Strike Phase Total Charge	microcoulombs	82.4	0.8	82.5	82.3	83.8	85.3	80.9
Strike Phase Peak Current	amps	13.81	0.16	13.85	13.79	14.09	14.42	13.54
Strike Phase Peak Voltage	volts	6924	82	6941	6914	7064	7228	6786
Strike Phase Energy	millijoules	445.8	9.5	447.3	444.5	461.9	481.7	428.7
Decay Phase Duration	microseconds	30.7	0.1	30.7	30.7	30.9	31.0	30.6
Decay Phase Net Charge	microcoulombs	53.3	1.3	53.5	53.1	55.5	57.2	51.1
Decay Phase Total Charge	microcoulombs	94.9	1.6	94.9	94.7	97.6	101.0	91.9
Decay Phase Peak Current	amps	8.65	0.12	8.65	8.64	8.86	9.13	8.45
Decay Phase Peak Voltage	volts	4334	61	4338	4328	4443	4577	4236
Decay Phase Energy	millijoules	238.6	7.1	239.0	237.9	251.0	267.2	226.0
Full Pulse Duration	microseconds	40.3	0.1	40.3	40.3	40.5	40.6	40.1
Full Pulse Net Charge	microcoulombs	29.1	1.2	29.0	29.2	30.6	30.7	26.4
Full Pulse Total Charge	microcoulombs	177.3	2.3	177.5	177.1	181.3	186.3	173.1
Full Pulse Energy	millijoules	684.4	16.0	686.3	682.4	712.3	748.9	657.4
Pulse Rate	pulses/second	12.628						
Charge/Second	milliamps	0.7						
Energy/Second	watts	8.6						
Duration of Cycle	seconds	4.9890						
Total Number of Pulses	-	64						

CEW Details

Model Number	-	M26
Serial Number	-	P4-003527
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:
In Tolerance
TI CEW Operating Parameters

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.1	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	81.3	70	120
Strike Phase Peak Current	amps	In Tolerance	14.34	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	7188	6900	9400
Full Pulse Duration	microseconds	In Tolerance	38.3	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	30.3	15	55
Pulse Rate	pulses/second	In Tolerance	12.164	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.1	0.0	9.1	9.1	9.1	9.1	9.0
Strike Phase Net Charge	microcoulombs	80.7	1.2	81.6	81.3	82.8	83.4	78.1
Strike Phase Total Charge	microcoulombs	80.7	1.2	81.6	81.3	82.8	83.4	78.1
Strike Phase Peak Current	amps	14.22	0.23	14.42	14.34	14.64	14.75	13.75
Strike Phase Peak Voltage	volts	7128	117	7225	7188	7338	7395	6894
Strike Phase Energy	millijoules	449.7	13.7	460.1	456.8	474.4	481.4	421.1
Decay Phase Duration	microseconds	29.2	0.2	29.3	29.2	29.6	29.9	28.9
Decay Phase Net Charge	microcoulombs	50.6	1.2	51.5	51.1	52.8	53.6	48.4
Decay Phase Total Charge	microcoulombs	89.7	1.8	90.9	90.8	92.8	94.4	86.0
Decay Phase Peak Current	amps	8.71	0.15	8.82	8.81	8.99	9.09	8.39
Decay Phase Peak Voltage	volts	4367	76	4421	4416	4504	4557	4207
Decay Phase Energy	millijoules	227.4	8.3	233.1	232.5	242.5	249.0	210.9
Full Pulse Duration	microseconds	38.3	0.2	38.4	38.3	38.6	38.9	38.1
Full Pulse Net Charge	microcoulombs	30.1	1.2	30.1	30.3	31.6	32.2	27.9
Full Pulse Total Charge	microcoulombs	170.4	2.8	172.4	172.2	175.5	177.8	164.7
Full Pulse Energy	millijoules	677.1	21.6	693.2	689.3	716.3	730.4	634.3
Pulse Rate	pulses/second	12.164						
Charge/Second	milliamps	0.6						
Energy/Second	watts	8.2						
Duration of Cycle	seconds	5.0971						
Total Number of Pulses	-	63						

CEW Details

Model Number	-	M26
Serial Number	-	P4-003533
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:
Below Tolerance
TI CEW Operating Parameters

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.2	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	90.1	70	120
Strike Phase Peak Current	amps	In Tolerance	15.69	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	7866	6900	9400
Full Pulse Duration	microseconds	In Tolerance	39.3	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	33.0	15	55
Pulse Rate	pulses/second	Below Tolerance	10.195	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.2	0.0	9.2	9.2	9.2	9.3	9.2
Strike Phase Net Charge	microcoulombs	91.0	1.0	91.1	90.1	92.3	93.0	88.7
Strike Phase Total Charge	microcoulombs	91.0	1.0	91.1	90.1	92.3	93.0	88.7
Strike Phase Peak Current	amps	15.88	0.22	15.91	15.69	16.18	16.33	15.44
Strike Phase Peak Voltage	volts	7961	112	7977	7866	8112	8188	7738
Strike Phase Energy	millijoules	566.0	14.2	567.7	553.6	584.1	593.9	536.1
Decay Phase Duration	microseconds	30.1	0.3	30.2	30.1	30.6	31.2	29.8
Decay Phase Net Charge	microcoulombs	57.8	1.3	58.0	57.1	59.8	60.4	55.3
Decay Phase Total Charge	microcoulombs	104.4	1.8	104.4	103.0	106.8	107.4	100.9
Decay Phase Peak Current	amps	9.74	0.14	9.76	9.63	9.93	9.98	9.44
Decay Phase Peak Voltage	volts	4883	72	4892	4827	4978	5004	4732
Decay Phase Energy	millijoules	295.2	9.2	295.8	288.0	307.2	310.3	277.2
Full Pulse Duration	microseconds	39.3	0.3	39.4	39.3	39.8	40.4	39.1
Full Pulse Net Charge	microcoulombs	33.2	1.3	33.0	33.0	34.8	35.2	30.7
Full Pulse Total Charge	microcoulombs	195.3	2.7	195.5	193.1	198.9	199.7	190.1
Full Pulse Energy	millijoules	861.1	22.9	863.5	841.6	890.3	903.1	814.1
Pulse Rate	pulses/second	10.195						
Charge/Second	milliamps	0.6						
Energy/Second	watts	8.8						
Duration of Cycle	seconds	4.9046						
Total Number of Pulses	-	51						

CEW Details

Model Number	-	M26
Serial Number	-	P4-007576
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:**In Tolerance****TI CEW Operating Parameters**

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.5	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	83.3	70	120
Strike Phase Peak Current	amps	In Tolerance	14.11	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	7071	6900	9400
Full Pulse Duration	microseconds	In Tolerance	40.6	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	29.0	15	55
Pulse Rate	pulses/second	In Tolerance	11.786	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.5	0.0	9.5	9.5	9.6	9.6	9.5
Strike Phase Net Charge	microcoulombs	83.2	0.6	83.3	83.3	84.0	84.3	81.3
Strike Phase Total Charge	microcoulombs	83.2	0.6	83.3	83.3	84.0	84.3	81.3
Strike Phase Peak Current	amps	14.10	0.12	14.11	14.11	14.24	14.32	13.66
Strike Phase Peak Voltage	volts	7068	59	7073	7071	7137	7179	6849
Strike Phase Energy	millijoules	457.6	6.9	458.1	457.9	466.0	470.1	433.6
Decay Phase Duration	microseconds	31.1	0.2	31.1	31.1	31.3	31.5	30.8
Decay Phase Net Charge	microcoulombs	54.3	1.1	54.5	54.3	55.9	56.1	51.5
Decay Phase Total Charge	microcoulombs	96.7	1.2	96.7	96.7	98.2	98.5	92.3
Decay Phase Peak Current	amps	8.72	0.08	8.72	8.73	8.82	8.86	8.39
Decay Phase Peak Voltage	volts	4372	43	4369	4378	4422	4438	4206
Decay Phase Energy	millijoules	244.6	5.0	244.6	245.0	250.3	251.4	225.2
Full Pulse Duration	microseconds	40.6	0.1	40.6	40.6	40.8	41.0	40.3
Full Pulse Net Charge	microcoulombs	29.0	1.2	28.8	29.0	30.6	30.8	26.8
Full Pulse Total Charge	microcoulombs	179.9	1.6	180.0	180.0	181.8	182.4	173.6
Full Pulse Energy	millijoules	702.1	11.1	702.8	702.9	714.8	719.7	658.8
Pulse Rate	pulses/second	11.786						
Charge/Second	milliamps	0.6						
Energy/Second	watts	8.3						
Duration of Cycle	seconds	4.9213						
Total Number of Pulses	-	59						

CEW Details

Model Number	-	M26
Serial Number	-	P4-013870
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:**Below Tolerance****TI CEW Operating Parameters**

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.0	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	94.6	70	120
Strike Phase Peak Current	amps	In Tolerance	16.98	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	8510	6900	9400
Full Pulse Duration	microseconds	In Tolerance	39.3	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	32.1	15	55
Pulse Rate	pulses/second	Below Tolerance	7.590	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.0	0.0	9.0	9.0	9.1	9.1	8.9
Strike Phase Net Charge	microcoulombs	94.7	1.4	95.2	94.6	96.5	97.1	91.9
Strike Phase Total Charge	microcoulombs	94.7	1.4	95.2	94.6	96.5	97.1	91.9
Strike Phase Peak Current	amps	17.02	0.32	17.14	16.98	17.44	17.57	16.39
Strike Phase Peak Voltage	volts	8533	159	8592	8510	8744	8808	8215
Strike Phase Energy	millijoules	628.5	20.5	636.0	625.7	655.2	664.0	586.9
Decay Phase Duration	microseconds	30.3	0.2	30.3	30.3	30.6	31.1	30.1
Decay Phase Net Charge	microcoulombs	62.8	1.5	63.3	62.5	64.6	65.9	59.7
Decay Phase Total Charge	microcoulombs	116.5	2.7	117.2	116.1	119.8	121.6	110.5
Decay Phase Peak Current	amps	10.53	0.21	10.60	10.49	10.79	10.93	10.11
Decay Phase Peak Voltage	volts	5276	104	5312	5259	5411	5480	5067
Decay Phase Energy	millijoules	357.9	15.3	362.5	355.7	377.2	387.0	325.0
Full Pulse Duration	microseconds	39.3	0.2	39.3	39.3	39.5	40.1	39.0
Full Pulse Net Charge	microcoulombs	31.9	1.2	31.9	32.1	33.5	33.9	29.8
Full Pulse Total Charge	microcoulombs	211.2	4.0	212.4	210.7	216.2	218.2	202.3
Full Pulse Energy	millijoules	986.3	35.4	998.5	981.4	1032.4	1046.4	911.9
Pulse Rate	pulses/second	7.590						
Charge/Second	milliamps	0.5						
Energy/Second	watts	7.5						
Duration of Cycle	seconds	4.8751						
Total Number of Pulses	-	38						

5.7 TEST RESULTS - YUKON

CEW Details

Model Number	-	M26
Serial Number	-	P3-050397
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:

In Tolerance

TI CEW Operating Parameters

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.1	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	80.5	70	120
Strike Phase Peak Current	amps	In Tolerance	14.25	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	7145	6900	9400
Full Pulse Duration	microseconds	In Tolerance	38.3	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	29.7	15	55
Pulse Rate	pulses/second	In Tolerance	11.395	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.1	0.0	9.0	9.1	9.1	9.1	9.0
Strike Phase Net Charge	microcoulombs	80.4	0.9	80.3	80.5	81.9	82.3	77.8
Strike Phase Total Charge	microcoulombs	80.4	0.9	80.3	80.5	81.9	82.3	77.8
Strike Phase Peak Current	amps	14.25	0.19	14.22	14.25	14.55	14.70	13.70
Strike Phase Peak Voltage	volts	7141	97	7128	7145	7292	7369	6869
Strike Phase Energy	millijoules	448.4	10.9	446.8	449.1	465.4	472.7	418.2
Decay Phase Duration	microseconds	29.3	0.2	29.3	29.2	29.6	29.9	29.0
Decay Phase Net Charge	microcoulombs	50.7	1.2	50.7	50.8	52.7	53.7	48.1
Decay Phase Total Charge	microcoulombs	90.2	1.7	89.8	90.7	92.8	94.7	86.5
Decay Phase Peak Current	amps	8.70	0.13	8.68	8.71	8.89	9.06	8.37
Decay Phase Peak Voltage	volts	4361	65	4352	4366	4457	4542	4196
Decay Phase Energy	millijoules	227.9	7.5	226.2	229.5	239.7	248.2	210.8
Full Pulse Duration	microseconds	38.4	0.2	38.3	38.3	38.6	38.9	38.1
Full Pulse Net Charge	microcoulombs	29.7	1.2	29.6	29.7	31.2	31.3	27.1
Full Pulse Total Charge	microcoulombs	170.6	2.5	170.1	171.2	174.6	177.0	165.0
Full Pulse Energy	millijoules	676.3	17.9	673.0	678.6	704.1	720.9	633.4
Pulse Rate	pulses/second	11.395						
Charge/Second	milliamps	0.6						
Energy/Second	watts	7.7						
Duration of Cycle	seconds	4.8267						
Total Number of Pulses	-	56						

CEW Details

Model Number	-	M26
Serial Number	-	P3-050403
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:
In Tolerance
TI CEW Operating Parameters

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.0	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	84.2	70	120
Strike Phase Peak Current	amps	In Tolerance	14.98	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	7506	6900	9400
Full Pulse Duration	microseconds	In Tolerance	38.2	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	30.8	15	55
Pulse Rate	pulses/second	In Tolerance	11.591	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.0	0.0	9.0	9.0	9.1	9.1	9.0
Strike Phase Net Charge	microcoulombs	84.0	0.8	83.8	84.2	85.3	85.8	82.6
Strike Phase Total Charge	microcoulombs	84.0	0.8	83.8	84.2	85.3	85.8	82.6
Strike Phase Peak Current	amps	14.93	0.16	14.90	14.98	15.18	15.28	14.58
Strike Phase Peak Voltage	volts	7482	81	7469	7506	7610	7659	7310
Strike Phase Energy	millijoules	491.1	9.7	489.0	493.7	507.1	513.3	472.6
Decay Phase Duration	microseconds	29.2	0.2	29.2	29.2	29.5	29.8	28.9
Decay Phase Net Charge	microcoulombs	53.2	1.2	53.1	53.4	55.2	55.7	50.9
Decay Phase Total Charge	microcoulombs	95.7	1.5	95.1	96.3	97.9	98.7	92.0
Decay Phase Peak Current	amps	9.15	0.12	9.11	9.19	9.33	9.42	8.90
Decay Phase Peak Voltage	volts	4588	60	4568	4607	4675	4721	4462
Decay Phase Energy	millijoules	254.0	6.9	251.5	256.8	264.2	268.4	238.9
Full Pulse Duration	microseconds	38.2	0.2	38.2	38.2	38.5	38.9	38.0
Full Pulse Net Charge	microcoulombs	30.8	1.2	30.8	30.8	32.2	32.6	28.7
Full Pulse Total Charge	microcoulombs	179.7	2.1	178.9	180.6	182.9	184.0	174.9
Full Pulse Energy	millijoules	745.1	16.1	740.4	750.5	770.2	779.2	713.1
Pulse Rate	pulses/second	11.591						
Charge/Second	milliamps	0.6						
Energy/Second	watts	8.6						
Duration of Cycle	seconds	5.1767						
Total Number of Pulses	-	61						

CEW Details

Model Number	-	M26
Serial Number	-	P3-050416
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:
In Tolerance
TI CEW Operating Parameters

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.2	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	79.5	70	120
Strike Phase Peak Current	amps	In Tolerance	13.87	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	6952	6900	9400
Full Pulse Duration	microseconds	In Tolerance	38.6	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	29.0	15	55
Pulse Rate	pulses/second	In Tolerance	12.046	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.2	0.0	9.2	9.2	9.2	9.2	9.1
Strike Phase Net Charge	microcoulombs	79.3	0.6	78.8	79.5	80.2	81.3	77.3
Strike Phase Total Charge	microcoulombs	79.3	0.6	78.8	79.5	80.2	81.3	77.3
Strike Phase Peak Current	amps	13.85	0.11	13.75	13.87	14.02	14.25	13.45
Strike Phase Peak Voltage	volts	6944	55	6893	6952	7028	7145	6743
Strike Phase Energy	millijoules	430.9	6.5	425.0	432.2	440.4	454.0	408.5
Decay Phase Duration	microseconds	29.4	0.2	29.3	29.4	29.8	30.2	29.2
Decay Phase Net Charge	microcoulombs	50.4	0.9	50.1	50.5	51.9	52.2	48.8
Decay Phase Total Charge	microcoulombs	89.6	0.9	88.7	90.0	91.0	91.8	87.3
Decay Phase Peak Current	amps	8.52	0.06	8.45	8.55	8.62	8.74	8.34
Decay Phase Peak Voltage	volts	4270	32	4236	4284	4322	4381	4182
Decay Phase Energy	millijoules	221.7	3.5	217.8	223.3	227.4	232.9	212.1
Full Pulse Duration	microseconds	38.5	0.2	38.5	38.6	38.9	39.4	38.3
Full Pulse Net Charge	microcoulombs	28.9	1.3	28.7	29.0	30.4	30.8	26.6
Full Pulse Total Charge	microcoulombs	168.9	1.3	167.5	169.5	170.9	173.1	165.0
Full Pulse Energy	millijoules	652.7	9.2	642.8	655.5	666.8	686.9	620.7
Pulse Rate	pulses/second	12.046						
Charge/Second	milliamps	0.6						
Energy/Second	watts	7.9						
Duration of Cycle	seconds	4.8148						
Total Number of Pulses	-	59						

CEW Details

Model Number	-	M26
Serial Number	-	P4-020528
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:**Below Tolerance****TI CEW Operating Parameters**

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	In Tolerance	9.2	7	12
Strike Phase Net Charge	microcoulombs	In Tolerance	85.4	70	120
Strike Phase Peak Current	amps	In Tolerance	14.98	13.8	18.8
Strike Phase Peak Voltage	volts	In Tolerance	7511	6900	9400
Full Pulse Duration	microseconds	In Tolerance	39.0	32	60
Full Pulse Net Charge	microcoulombs	In Tolerance	30.9	15	55
Pulse Rate	pulses/second	Below Tolerance	9.370	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	9.2	0.0	9.2	9.2	9.2	9.2	9.1
Strike Phase Net Charge	microcoulombs	85.5	0.6	85.3	85.4	86.3	86.5	84.3
Strike Phase Total Charge	microcoulombs	85.5	0.6	85.3	85.4	86.3	86.5	84.3
Strike Phase Peak Current	amps	15.02	0.12	14.96	14.98	15.18	15.22	14.72
Strike Phase Peak Voltage	volts	7526	61	7499	7511	7608	7630	7380
Strike Phase Energy	millijoules	502.3	7.4	499.4	500.1	512.0	514.9	485.4
Decay Phase Duration	microseconds	29.9	0.2	29.9	29.8	30.3	30.6	29.7
Decay Phase Net Charge	microcoulombs	54.6	1.2	54.4	54.5	56.4	56.7	52.5
Decay Phase Total Charge	microcoulombs	97.8	1.2	97.3	97.7	99.6	100.0	95.1
Decay Phase Peak Current	amps	9.16	0.09	9.11	9.15	9.30	9.36	8.94
Decay Phase Peak Voltage	volts	4591	47	4565	4585	4660	4691	4482
Decay Phase Energy	millijoules	259.7	5.6	257.1	259.1	268.0	271.2	246.2
Full Pulse Duration	microseconds	39.1	0.2	39.1	39.0	39.4	39.7	38.9
Full Pulse Net Charge	microcoulombs	31.0	1.2	30.9	30.9	32.3	32.6	28.6
Full Pulse Total Charge	microcoulombs	183.4	1.6	182.6	183.1	185.7	186.2	179.4
Full Pulse Energy	millijoules	762.0	12.3	756.5	759.2	778.5	783.3	731.7
Pulse Rate	pulses/second	9.370						
Charge/Second	milliamps	0.5						
Energy/Second	watts	7.1						
Duration of Cycle	seconds	5.0160						
Total Number of Pulses	-	48						

6 TEST RESULTS - ABNORMAL CEWS

6.1 TEST RESULTS - SAANICH

6.1.1 Serial Number P4-007489

CEW Serial Number P4-007489 exhibited abnormal behaviour during the initial trigger pull (spark test).

During the 1st trigger pull the CEW generated 296 pulses before the 5-second cycle expired. The 2nd trigger pull generated similar results and the 3rd trigger again generated 297 pulses. The fixed 12Vdc supply was replaced with eight fresh Duracell Ultra batteries but yielded no change the output.

P4-007489 was deemed to be defective.

For the purposes of this report compliance has been determined based on the 3rd trigger pull. Support data for the 3rd trigger pull is provided below.

CEW Details

Model Number	-	M26
Serial Number	-	P4-007489
Battery Status	-	12 Vdc
Lab Temperature	degrees Celsius	n/a
Software Version	-	n/a
Battery Version	-	Fixed DC Supply
Load Resistance	ohms	501.24
Comments:	-	

Overall CEW Status:**Above / Below Tolerance****TI CEW Operating Parameters**

	Units	Compliance as Found	Value	Limit Minimum	Limit Maximum
Strike Phase Duration	microseconds	Below Tolerance	3.8	7	12
Strike Phase Net Charge	microcoulombs	Below Tolerance	14.4	70	120
Strike Phase Peak Current	amps	Below Tolerance	6.17	13.8	18.8
Strike Phase Peak Voltage	volts	Below Tolerance	3094	6900	9400
Full Pulse Duration	microseconds	Below Tolerance	14.5	32	60
Full Pulse Net Charge	microcoulombs	Below Tolerance	7.1	15	55
Pulse Rate	pulses/second	Above Tolerance	60.436	11.25	19.50

Supplemental Test Parameters

	Units	Average of All Pulses	Standard Deviation of All Pulses	Average of First 8 Pulses	Average of Last 8 Pulses	Average of 8 Max Values	Maximum Pulse	Minimum Pulse
Strike Phase Duration	microseconds	3.8	0.0	3.8	3.8	3.8	3.8	3.7
Strike Phase Net Charge	microcoulombs	14.5	0.3	14.2	14.4	15.2	15.3	13.8
Strike Phase Total Charge	microcoulombs	14.5	0.3	14.2	14.4	15.2	15.3	13.8
Strike Phase Peak Current	amps	6.25	0.13	6.10	6.17	6.52	6.59	5.96
Strike Phase Peak Voltage	volts	3133	67	3059	3094	3266	3303	2989
Strike Phase Energy	millijoules	35.5	1.5	33.8	34.6	38.6	39.3	32.2
Decay Phase Duration	microseconds	10.7	0.1	10.6	10.7	10.8	10.8	10.5
Decay Phase Net Charge	microcoulombs	7.3	0.4	7.2	7.3	8.0	8.1	6.7
Decay Phase Total Charge	microcoulombs	14.4	0.4	14.0	14.3	15.2	15.5	13.6
Decay Phase Peak Current	amps	3.58	0.08	3.50	3.53	3.75	3.79	3.40
Decay Phase Peak Voltage	volts	1793	42	1753	1772	1880	1902	1706
Decay Phase Energy	millijoules	15.1	0.7	14.3	14.8	16.6	17.1	13.6
Full Pulse Duration	microseconds	14.5	0.1	14.4	14.5	14.6	14.6	14.3
Full Pulse Net Charge	microcoulombs	7.2	0.5	7.0	7.1	8.0	8.1	6.3
Full Pulse Total Charge	microcoulombs	28.9	0.7	28.2	28.7	30.3	30.8	27.6
Full Pulse Energy	millijoules	50.6	2.1	48.1	49.5	54.9	56.4	46.3
Pulse Rate	pulses/second	60.436						
Charge/Second	milliamps	0.4						
Energy/Second	watts	3.1						
Duration of Cycle	seconds	4.8812						
Total Number of Pulses	-	296						

7 TEST EQUIPMENT

Asset #	Device	Characteristics	Manufacturer	Model	Serial #	Cal Date	Cal Due
552	DAQ System	M26 Test Stand	MPB	ETCM26	1	14-Jan-09	14-Jan-10
1415	Power Supply	0-150VDC 0-12A	Sorensen	DCRB150-12	0519	Monitored	Monitored
2399	Meter, Temp & Humidity		Extech	HT2106 5101	A962100	Monitored	Monitored
2532	Power Supply	0-15VDC 0-20 A	Xantrex	HPD 15-20	780	Monitored	Monitored
4516	Multimeter	300V 3A, 2 or 4 wire	Hewlett Packard	3478A	2301A19180	23-Dec-08	23-Dec-10
5630	Multimeter, Digital	High Accuracy to 0.025%	B&K	5360	70607076	22-Dec-08	22-Dec-09
5659	Power Supply	0-20VDC 0-1.2 A	Lambda	LP411	2929	Monitored	Monitored
5727	Transformer, Isolation	100VA 115V 50/60H	Hammond	171E		Monitored	Monitored
5901	Meter, K / J Thermometer		Fluke	51	72700114	Monitored	Monitored