

*FCC PART 15 SUBPART B
FCC PART 18
TEST REPORT
TEST METHOD: ANSI C63.4 AND FCC OET/MP-5*

For

SMART SHOT TIMER AND WIRELESS CHARGER
TIMER MODELS: SST4A.00 and SST4A.01
FCC ID: 2AYQV-SST4A
CHARGER MODEL: V2
FCC ID: 2AYQV-SSTWCH1

Prepared for

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DATE: APRIL 8, 2021

	REPORT BODY	APPENDICES					TOTAL
		A	B	C	D	E	
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GENERAL REPORT SUMMARY

This electromagnetic emission report is generated by Compatible Electronics Inc., which is an independent testing and consulting firm. The test report is based on testing performed by Compatible Electronics personnel according to the measurement procedures described in the test specifications given below and in the "Test Procedures" section of this report.

The measurement data and conclusions appearing herein relate only to the sample tested and this report may not be reproduced in any form except in full, without the written permission of Compatible Electronics.

This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the U.S. government.

Device Tested: Smart Shot Timer and Wireless Charger
Timer Models: SST4A.00 and SST4A.01
FCC ID: 2AYQV-SST4A
Charger Model: V2
FCC ID: 2AYQV-SSTWCH1

Product Description: The EUT is Smart Shot Timer and Wireless Charger.
Timer Clock Frequencies: 32.768 kHz and 32 MHz
(Dimensions: 11.5cm x 5.1cm x 1.9cm)
Charger Clock Frequency: 32.768 kHz
(Dimensions: 11.9cm x 5.1cm x 1.2cm)

Modifications: The EUTs were not modified during the testing in order to comply with the specifications.

Manufacturer: Shooters.Global Z.o.o.
UL. Lubartowska, Nr71a,
Lublin, 20-123
Poland

Test Date: March 26, 2021

Test Specifications Covered by Accreditation:



Test Specifications: EMI requirements
FCC CFR Title 47, Part 15 Subpart B, Part 18 Subpart C
FCC OET/MP-5
Test Procedure: ANSI C63.4

SUMMARY OF TEST RESULTS

TEST	DESCRIPTION	RESULTS
1	Conducted RF Emissions, 150 kHz – 30 MHz	Complies with the Class B limits of CISPR 32. See section 6.4 for Measurement Uncertainty
2	Radiated RF Emissions, 30 MHz – 12 GHz	Complies with the Class B limits of CISPR 32. See section 6.4 for Measurement Uncertainty
3	Radiated RF Emissions: Carrier (110 – 205 kHz)	Complies with FCC CFR Title 47, Part 18, Subpart C. See Section 6.4 for measurement uncertainty

Reported uncertainty is based on a standard uncertainty multiplied by a coverage factor of k=2

1. PURPOSE

This document is a qualification test report based on the Electromagnetic Interference (EMI) tests performed on the Smart Shot Timer, Models: SST4A.00 and SST4A.01, and Wireless Charger, Model: V2. The EMI measurements were performed according to the measurement procedure described in ANSI C63.4 and FCC OET/MP-5 FCC Methods of Measurement of Radio Noise Emissions for ISM Equipment (cited in 47 CFR FCC Part 18 – Industrial, Scientific, and Medical Equipment). The tests were performed in order to determine whether the electromagnetic emissions from the equipment under test, referred to as EUT (equipment under test) hereafter, are within the specification limits defined by the Code of Federal Regulations Title 47, Part 15 Subpart B. Under paragraph G of section 15.109 of the Code of Federal Regulations Title 47, Part 15 of the FCC rules, FCC accepts the international standards set forth in CISPR 22. The limits in CISPR 32 are equal to or lower than the limits in CISPR 22, and therefore are acceptable to substitute for FCC testing.

1.1 Decision Rule & Risk

If a measured value exceeds a specification limit it implies non-compliance. If the value is below a specification limit it implies compliance. Measurement uncertainty of the laboratory is reported with all measurement results but generally not taken into consideration unless a standard, rule or law requires it to be considered.

Qualification test reports are only produced for products that are in compliance with the test requirements, therefore results are always in conformity. Otherwise, an engineering report or just the data is provided to the customer.

When performing a measurement and making a statement of conformity, in or out-of-specification to manufacturer's specifications or Pass/Fail against a requirement, there are two possible outcomes:

- The result is reported as conforming with the specification
- The result is reported as not conforming with the specification

The decision rule is defined below.

When the test result is found to be below the limit but within our measurement uncertainty of the limit, it is our policy that the final acceptance decision is left to the customer, after discussing the implications and potential risks of the decision.

When the test result is found to be exactly on the specification, it is our policy, in the case of unwanted emissions measurements to consider the result non-compliant, however, the final decision is left to the customer, after discussing the implications and potential risks of the decision.

When the test result is found to be over the specification limit under any condition, it is our policy to consider the result non-compliant.

In terms of uncertainty of measurement, the laboratory is a calibrated and tightly controlled environment and generally exceptionally stable, the measurement uncertainties are evaluated without the consideration of the test sample. When it comes to the test sample however, as most testing is performed on a single sample rather than a sample population, and that sample is often a pre-production representation of the final product, that test sample represents a significantly higher source of measurement uncertainty. We advise our customers of this and that when in doubt (small test to limit margins), they may wish to perform statistical sampling on a population to gain a higher confidence in the results. All lab reported results are that of a single sample in any event.

2. ADMINISTRATIVE DATA

2.1 Location of Testing

The emissions tests described herein were performed at the test facility of Compatible Electronics, 20621 Pascal Way, Lake Forest, California 92630.

2.2 Traceability Statement

The calibration certificates of all test equipment used during the test are on file at the location of the test. The calibration is traceable to the National Institute of Standards and Technology (NIST).

2.3 Cognizant Personnel

Shooters.Global Z.o.o.

Igor Kosanovsky President

Compatible Electronics, Inc.

Howard Huang Test Engineer
Carla Atizado QA Specialist

2.4 Date Test Sample was Received

The test sample was received on March 25, 2021. Received as described in product description.

2.5 Disposition of the Test Sample

The test sample remains at Compatible Electronics, Inc.

2.6 Abbreviations and Acronyms

The following abbreviations and acronyms may be used in this document.

RF	Radio Frequency
EMI	Electromagnetic Interference
EUT	Equipment Under Test
P/N	Part Number
S/N	Serial Number
HP	Hewlett Packard
ITE	Information Technology Equipment
NVLAP	National Voluntary Laboratory Accreditation Program
CML	Corrected Meter Limit
LISN	Line Impedance Stabilization Network
NCR	No Calibration Required
RX	Receive
TX	Transmit
PCB	Printed Circuit Board
PSU	Power Supply Unit

3. APPLICABLE DOCUMENTS

The following documents are referenced or used in the preparation of this EMI Test Report.

SPEC	TITLE
FCC CFR Title 47, Part 15, Subpart B	FCC Rules – Radio frequency devices (including digital devices) – Unintentional Radiators
FCC CFR Title 47, Part 18, Subpart C	FCC Rules – Industrial, Scientific and Medical Equipment (including ultrasonic equipment)
ANSI C63.4 2014	Methods of measurement of radio-noise emissions from low-voltage electrical and electronic equipment in the range of 9 kHz to 40 GHz.
FCC/OST MP-5	Part 18, ISM Methods of Measurements of Radio Noise Emissions from Industrial, Scientific, and Medical equipment (February 1986)
KDB 680106 D01 RF Exposure Wireless Charging App v03r01	RF Exposure considerations for Low Power Consumer Wireless Power Transfer Applications
CISPR 32: 2015	Electromagnetic compatibility of multimedia equipment—Emission requirements
CISPR 22:2008	Information technology equipment – Radio disturbance characteristics – Limits and methods of measurement

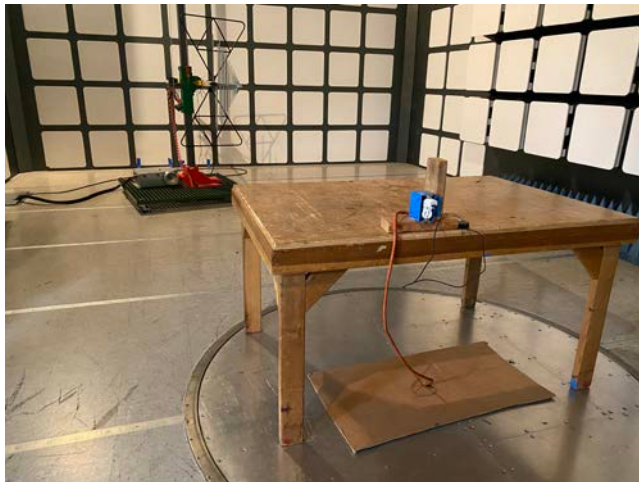
4. DESCRIPTION OF TEST CONFIGURATION

4.1 Description of Test Configuration - EMI

The Smart Shot Timer, Models: SST4A.00 and SST4A.01, and Wireless Charger, Model: V2 (EUT) were set up in a table-top configuration. For testing of the Timer, the EUT was set up in Dry Practice mode and operating constantly during the test. For testing of the Wireless Charger, the EUT was constantly charging the MLT version of the Smart Shot Timer, Model: SST4A.01. The only difference between Timer model SST4A.00 and SST4A.01 is the latter model is only chargeable by wireless charging. For testing above 1GHz, the pre-amplifier was only used from 3-12GHz with a high pass filter in place, in order to avoid damage for the pre-amplifier.

The final conducted and radiated data was taken in the continuously exercising mode of operation. All initial investigations were performed with the EMI Receiver in manual mode scanning the frequency range continuously.

4.1.1 Photograph of Test Configuration – EMI



Test configuration for Smart Shot Timer



Test configuration for Wireless Charger

4.1.2 Cable Construction and Termination

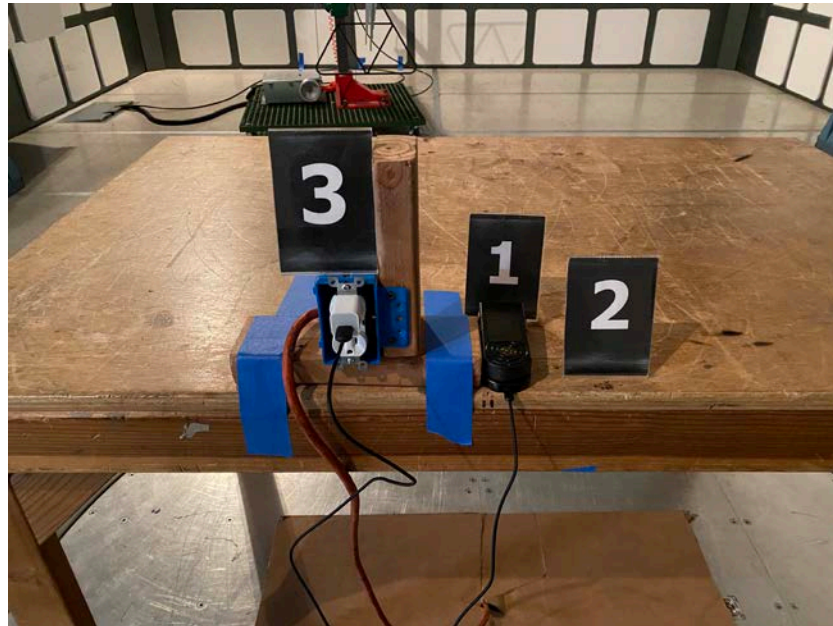
Cable 1 This is a 1 meter, unshielded, round cables that connect the EUT to the PSU. The cable has USB-C type connector on the EUT end and USB-A type connector on the PSU end

Cable 2 This is a 1 meter, unshielded, round cables that connect the Wireless Charger to the PSU. The cable has USB-C type connector on the Wireless Charger end and USB-A type connector on the PSU end

Note: Cable 1 is used for testing on the Timer and Cable 2 is used for testing on the Wireless Charger.

5. LISTS OF EUT, ACCESSORIES AND TEST EQUIPMENT**5.1 EUT and Accessory List**

#	EQUIPMENT TYPE	MANUFACTURER	MODEL	S/N
1	SMART SHOT TIMER (EUT #1) CONTAINS FCC ID 2ALPH-E73	SHOOTERS.GLOBAL Z.O.O.	SST4A.00 SST4A.01	SPORT 00176 MLT 00173
2	WIRELESS CHARGER (EUT #2)	SHOOTERS.GLOBAL Z.O.O.	V2	NONE
3	PSU	APPLE	A138S	NONE



5.2 EMI Test Equipment

EQUIPMENT TYPE	MANU-FACTURER	MODEL NUMBER	SERIAL NUMBER	CAL. DATE	CAL. DUE DATE
Barometer & Thermometer	Control Company	4088	97080656	01/17/2020	01/17/2023
Computer	Compatible Electronics	NONE	NONE	NCR	NCR
EMI Receiver	Keysight Technologies	N9038A	MY56400077	06/13/2020	09/01/2021
Antenna, CombiLog	Com-Power	AC-220	10030000	04/05/2019	09/01/2021
Antenna, Horn	Com-Power	AH-118	10050074	07/19/2019	07/19/2021
Pre Amp	Com-Power	PAM-118A	551033	01/11/2021	01/11/2022
Highpass Filter	AMTI Microwave Circuits	H3G020G4	481230	01/16/2020	01/16/2022
Mast, Antenna Positioner	Sunol Science Corporation	SC104V	020808-1	NCR	NCR
Antenna Mast	Sunol Science Corporation	TWR 95-4	020808-3	NCR	NCR
Turntable	Sunol Science Corporation	FM2011VS	NONE	NCR	NCR

5.3 Test Software

LAB(S)	SOFTWARE TITLE	MANUFACTURER	VERSION
P, R	Measurement and Automation Software	TDK TestLab	11.24

6. TEST SITE DESCRIPTION

6.1 Test Facility Description

All the radiated emissions measurements were performed in a semi-anechoic chamber.

6.2 EUT Mounting, Bonding and Grounding

The EUT was mounted on a 0.6 by 1.2-meter by 0.8 meters high non-conductive table above the ground plane.

The EUT was not grounded.

6.3 Facility Environmental Characteristics

When applicable refer to the data sheets in Appendix E for the relative humidity, air temperature and barometric pressure.

6.4 Measurement Uncertainty

“Compatible Electronics” U_{lab} value is less than U_{cispr} , thus based on this – compliance is deemed to occur if no measured disturbance exceeds the disturbance limit

$$u_c(y) = \sqrt{\sum_i c_i^2 u^2(x_i)}$$

Measurement		U_{cispr}	$U_{lab} = 2 u_c(y)$
Conducted disturbance (mains port)	(150 kHz – 30 MHz)	3.6 dB	2.88 dB
Radiated disturbance (electric field strength on an open area test site or alternative test site)	(30 MHz – 1000 MHz)	6.3 dB	3.67 dB
Radiated disturbance (electric field strength on an open area test site or alternative test site)	(1 GHz - 18 GHz)	5.2 dB	3.59 dB

7. TEST PROCEDURES

The following sections describe the test methods and the specifications for the tests. Test results are also included in this section.

7.1 RF Emissions

7.1.1 Conducted Emissions Test

The EMI Receiver was used as a measuring meter. A 10-dB attenuation pad was used for the protection of the EMI Receiver input stage. All factors associated with attenuator and cables were recorded into the EMI Software Program accordingly to display the actual corrected measured level. The LISN output was connected to the input of the EMI Receiver. The effective measurement bandwidth used for the conducted emissions test was 9 kHz.

Please see section 6.2 of this report for mounting, bonding and grounding of the EUT. The EUT was powered through the LISN, which was bonded to the ground plane. The LISN power was filtered and the filter was bonded to the ground plane. The EUT was set up with the minimum distances from any conductive surfaces as specified in ANSI C63.4. The excess power cord was wrapped in a figure eight pattern to form a bundle not exceeding 0.4 meters in length.

The initial test data was taken in manual mode while scanning the frequency ranges of 0.15 MHz to 30 MHz. The conducted emissions from the EUT were maximized for operating mode as well as cable placement. Once a predominant frequency (within 12 dB of the limit) was found, it was more closely examined with the spectrum analyzer span adjusted to 1 MHz.

The final data was collected under program control by the computer in several overlapping sweeps by running the EMI Receiver at a minimum scan rate of 10 seconds per octave.

Test Results:

The EUTs comply with the requirements as specified in the Summary of Test Results starting on Page 6. The six highest emissions are listed in Tables 2, 3, 5 and 6.

7.1.2 Radiated Emissions Test

The EMI Receiver was used as the measuring meter. The EMI Receiver was used in the Analyzer mode. In this mode, the EMI receiver can then record the actual frequency to be measured. This final reading is then taken accurately in the EMI Receiver mode, which takes into account the cable loss and antenna factors, so that a true reading is compared to the true limit. A quasi-peak reading was taken only for those readings, which are marked accordingly on the data sheets. The effective measurement bandwidth used for the radiated emissions test was according to the frequency measured (200 Hz for 9 to 150 kHz, 9kHz for 150 kHz to 30 MHz, 120 kHz for 30 MHz to 1 GHz and 1 MHz for above 1 GHz).

A Broadband Combilog and Horn Antenna were used as transducers during the measurement. The Active Loop Antenna was used from 9 kHz to 30 MHz. The Combilog Antenna was used from 30 MHz to 1000MHz. The Horn Antenna was used from 1 GHz to 12 GHz. Furthermore, the frequency span was reduced during the preliminary investigations as deemed necessary.

The TDK FAC-3 shielded test chamber of Compatible Electronics, Inc. was used for radiated emissions testing. This test site is set up according to CISPR 16. Please see section 6.2 of this report for mounting, bonding and grounding of the EUT. The turntable supporting the EUT is remote controlled using a motor. The turntable permits EUT rotation of 360 degrees to maximize emissions. Also, the antenna mast allows height variation of the antenna from 1 meter to 4 meters. Data was collected in the worst case (highest emission) configuration of the EUT. At each reading, the EUT was rotated 360 degrees and the antenna height was varied from 1 to 4 meters (for E field radiated field strength).

The EUT was tested at a 3-meter test distance from 9 kHz to 12 GHz to obtain final test data.

Test Results:

The EUTs comply with the requirements as specified in the Summary of Test Results starting on Page 6. The six highest emissions are listed in Tables 1 and 4.

7.1.3 RF Emissions Test Results

Table 1
RADIATED EMISSION RESULTS
SMART SHOT TIMER MODEL: SST4A.00

Frequency MHz	Corrected Reading* dBuV/m	Specification Limit dBuV/m	Delta (Cor. Reading – Spec. Limit) dB
169.00 V	26.25 #	40.00	-13.75
177.30 V	25.98 #	40.00	-14.02
188.90 V	25.05 #	40.00	-14.95
60.50 V	24.34 #	40.00	-15.66
160.80 V	24.03 #	40.00	-15.97
58.90 V	23.61 #	40.00	-16.39

Table 2
CONDUCTED EMISSION RESULTS 120V
SMART SHOT TIMER MODEL: SST4A.00

Frequency MHz	Corrected Reading* dBuV/m	Average Specification Limit dBuV	Delta (Emission-Spec limit) dB
0.47 L	18.08 A	46.04	-27.96
0.35 L	20.51 A	48.76	-28.25
0.30 L	21.84 A	50.14	-28.30
0.17 L	23.50 A	55.35	-31.86
0.20 L	21.61 A	53.62	-32.02
0.47 N	11.84 A	46.61	-34.77

Notes:

- * The complete emissions data is given in Appendix E of this report.
- ** The factors for the antenna are attached in Appendix D of this report.
- # Quasi-Peak Reading
- A Average Reading
- V Vertical Reading
- H Horizontal Reading
- L Line Reading
- N Neutral Reading

Table 3 CONDUCTED EMISSION RESULTS 230V
SMART SHOT TIMER MODEL: SST4A.00

Frequency MHz	Corrected Reading* dBuV/m	Specification Limit dBuV	Delta (Emission-Spec limit) dB
0.77 L	15.36	46.00	-30.64
0.22 L	20.89	52.72	-31.83
0.16 L	23.68	55.69	-32.01
0.44 N	12.09	47.12	-35.02
0.41 N	12.32	47.61	-35.29
0.69 N	10.62	46.00	-35.38

Table 4 RADIATED EMISSION RESULTS
WIRELESS CHARGER MODEL: V2

Frequency MHz	Corrected Reading* dBuV/m	Specification Limit dBuV/m	Delta (Cor. Reading – Spec. Limit) dB
180.40 V	26.76 #	40.00	-13.24
168.50 V	26.53 #	40.00	-13.47
192.10 V	25.22 #	40.00	-14.78
60.10 V	25.12 #	40.00	-14.88
200.50 V	24.71 #	40.00	-15.29
61.80 V	23.93 #	40.00	-16.07

Notes:

- * The complete emissions data is given in Appendix E of this report.
- ** The factors for the antenna are attached in Appendix D of this report.
- # Quasi-Peak Reading
- A Average Reading
- V Vertical Reading
- H Horizontal Reading
- L Line Reading
- N Neutral Reading

Table 5 CONDUCTED EMISSION RESULTS 120V
WIRELESS CHARGER MODEL: V2

Frequency MHz	Corrected Reading* dBuV/m	Specification Limit dBuV	Delta (Emission-Spec limit) dB
0.31 L	22.92 A	49.51	-26.58
0.26 L	23.79 A	51.69	-27.90
0.41 L	19.46 A	47.65	-28.19
0.60 L	16.80 A	46.00	-29.20
0.19 L	22.00 A	53.98	-31.97
0.43 N	12.17 A	47.17	-35.00

Table 6 CONDUCTED EMISSION RESULTS 230V
WIRELESS CHARGER MODEL: V2

Frequency MHz	Corrected Reading* dBuV/m	Specification Limit dBuV/m	Delta (Cor. Reading – Spec. Limit) dB
0.28 L	23.01 A	51.11	-28.10
0.31 L	21.76 A	50.09	-28.33
0.35 L	20.60 A	49.01	-28.41
0.21 L	21.36 A	53.32	-31.96
0.18 L	22.33 A	54.36	-32.02
0.43 N	11.94 A	46.92	-34.98

Notes:

- * The complete emissions data is given in Appendix E of this report.
- ** The factors for the antenna are attached in Appendix D of this report.
- # Quasi-Peak Reading
- A Average Reading
- V Vertical Reading
- H Horizontal Reading
- L Line Reading
- N Neutral Reading

7.1.4 Sample Calculations

A correction factor for the antenna, cable and a distance factor (if any) must be applied to the meter reading before a true field strength reading can be obtained. This Corrected Meter Reading is then compared to the specification limit in order to determine compliance with the limits.

Conversion to logarithmic terms: Specification limit (μ V/m) $\log \times 20$ = Specification Limit in dBuV/m

To correct for distance when measuring at a distance other than the specification

For measurements below 30 MHz: (Specification distance / test distance) $\log \times 40$ = distance factor

For measurements above 30 MHz: (Specification distance / test distance) $\log \times 20$ = distance factor

Note: When using an Active Antenna, the Antenna factor shall be subtracted due to the combination of the internal amplification and antenna loss.

Corrected Meter Reading = meter reading + F – A + C

where:

F = antenna factor

A= amplifier gain

C = cable loss

The correction factors for the antenna and the amplifier gain are attached in Appendix D of this report. The data sheets are attached in Appendix E.

The distance factor D is 0 when the test is performed at the required specification distance.

7.2 EMR RF Hazard Assessment

The EMI Receiver was used as the measuring meter for the H-Field measurement. The EMI Receiver was used with the Analyzer mode feature activated. In this mode, the EMI receiver can then record the actual frequency to be measured. The final reading is then calculated, which takes into account the cable loss, amplifier gain and antenna factors, so that a true reading is compared to the true limit. The effective measurement bandwidth used for the radiated emissions test was according to the frequency measured (3 kHz for 9 kHz to 30 MHz)

An isotropic probe and monitor were used for the E-Field measurement. Measurements were made both with and without a WPT (Wireless Power Transfer) device accessory coupled to the EUT and the maximum reading was recorded.

Test Results:

The EUT complies with the requirements as specified in the Summary of Test Results starting on Page 6.

8 TEST PROCEDURE DEVIATIONS

There were no deviations from the test procedures.

9. CONCLUSIONS

The Smart Shot Timer, Models: SST4A.00 and SST4A.01, and Wireless Charger Model: V2 as tested, meet all of the relevant specification requirements defined in the Code of Federal Regulations Title 47, Part 15 Subpart B and Part 18 Subpart C.

APPENDIX A

LABORATORY ACCREDITATIONS

LABORATORY ACCREDITATIONS AND RECOGNITIONS



For US, Canada, Australia/New Zealand, Japan, Taiwan, Korea, and the European Union, Compatible Electronics is currently accredited by NVLAP to ISO/IEC 17025.

For the most up-to-date version of our scopes and certificates please visit

<http://celectronics.com/quality/scope/>

Quote from ISO-ILAC-IAF Communiqué on the Management Systems Requirements of ISO/IEC 17025, General Requirements for the competence of testing and calibration laboratories:

"A laboratory's fulfilment of the requirements of ISO/IEC 17025 means the laboratory meets both the technical competence requirements and management system requirements that are necessary for it to consistently deliver technically valid test results and calibrations. The management system requirements in ISO/IEC 17025 are written in language relevant to laboratory operations and operate generally in accordance with the principles of ISO 9001"

Innovation, Science and Economic Development Canada Lab Code 2154C

APPENDIX B

MODIFICATIONS TO THE EUT

MODIFICATIONS TO THE EUT

There were no modifications made to the EUT.

APPENDIX C

ADDITIONAL MODELS

Used for the Primary Tests

Smart Shot Timer and Wireless Charger
Timer Models: SST4A.00 and SST4A.01
FCC ID: 2AYQV-SST4A
Charger Model: V2
FCC ID: 2AYQV-SSTWCH1

No additional models.

APPENDIX D

DIAGRAMS, CHARTS AND PHOTOS

FIGURE 1: CONDUCTED EMISSIONS TEST SETUP

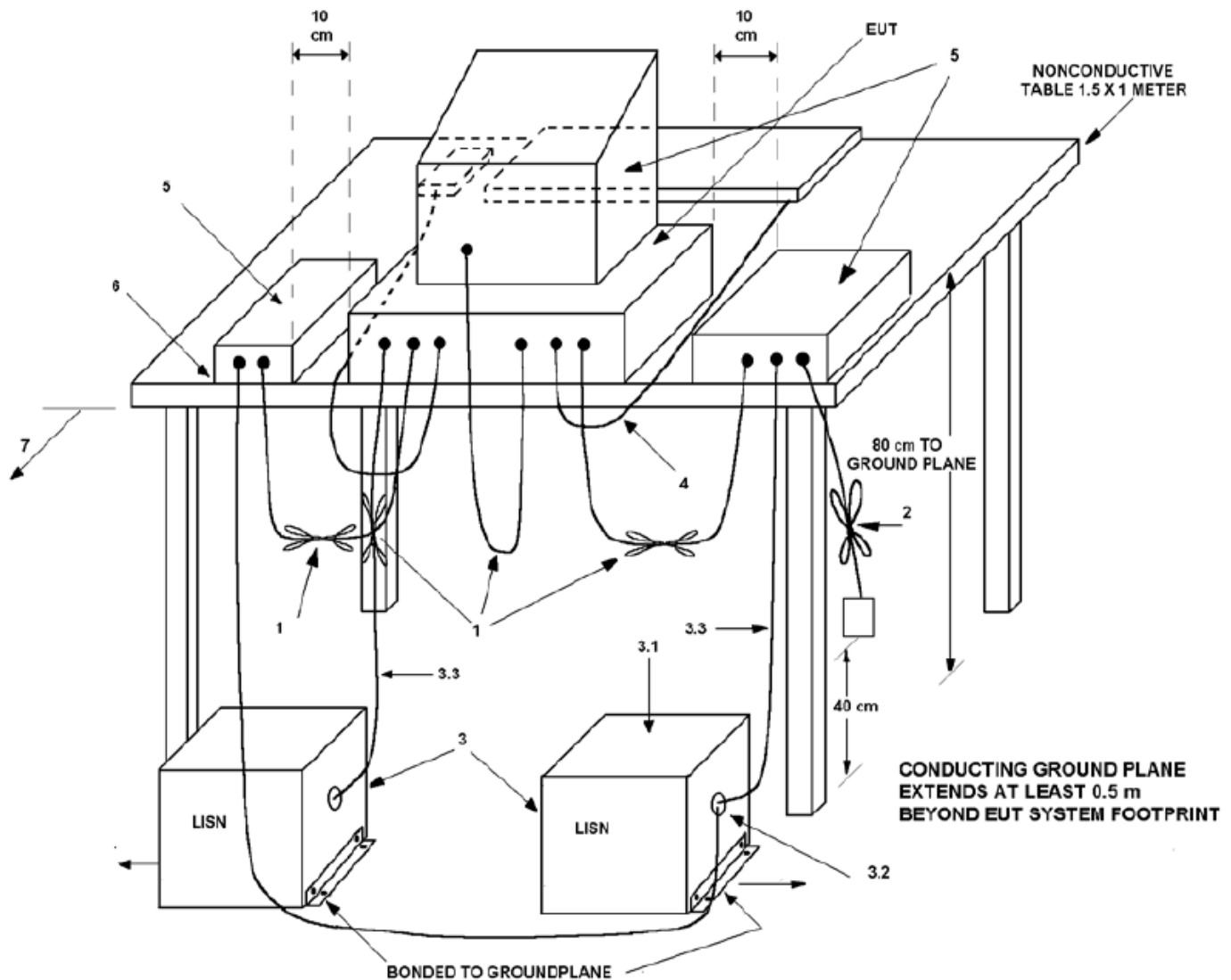
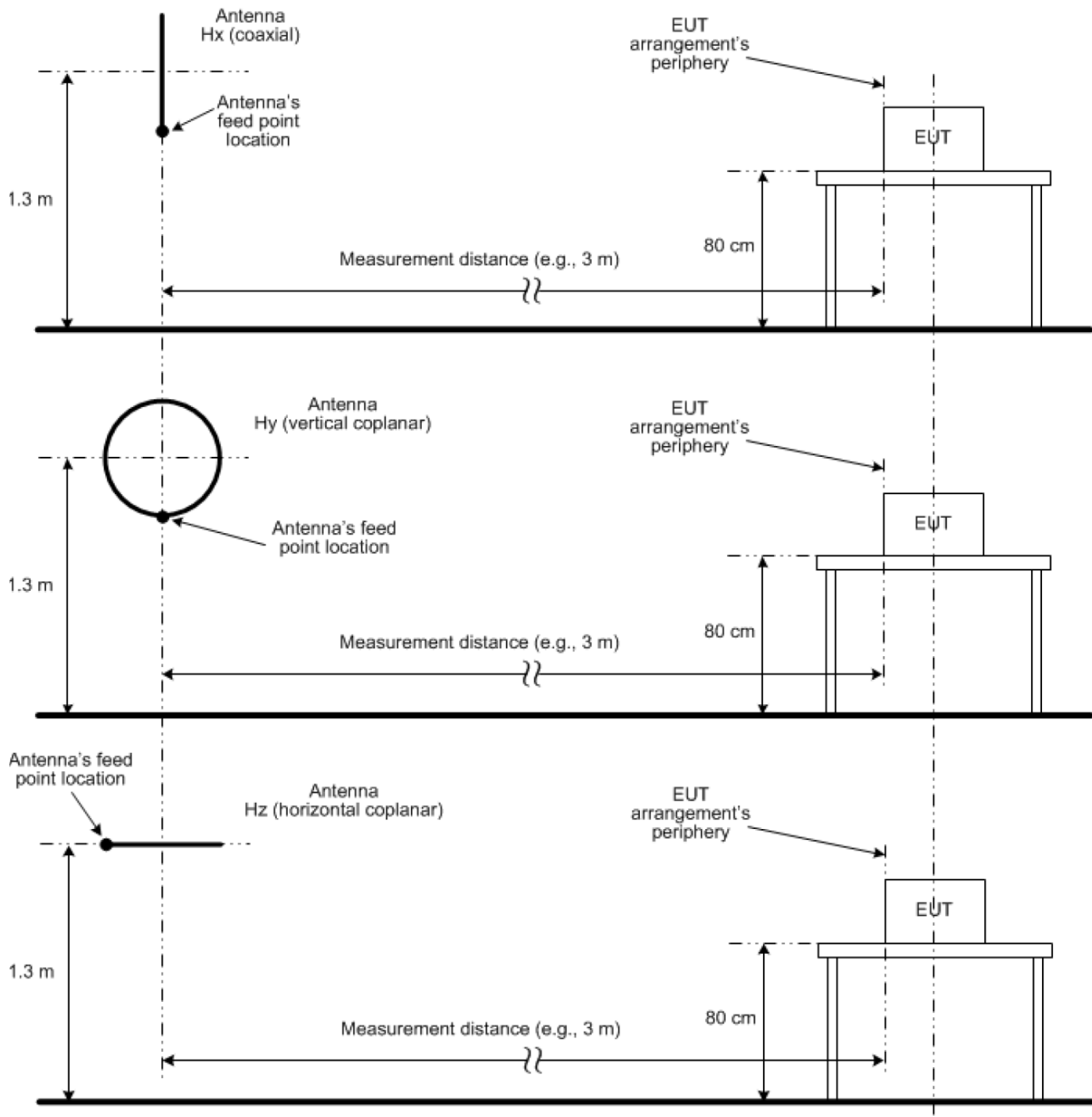


FIGURE 2: LOW FREQUENCY TEST SETUP



**FIGURE 3: RADIATED EMISSIONS 3-METER
SEMI -ANECHOIC TEST CHAMBER**

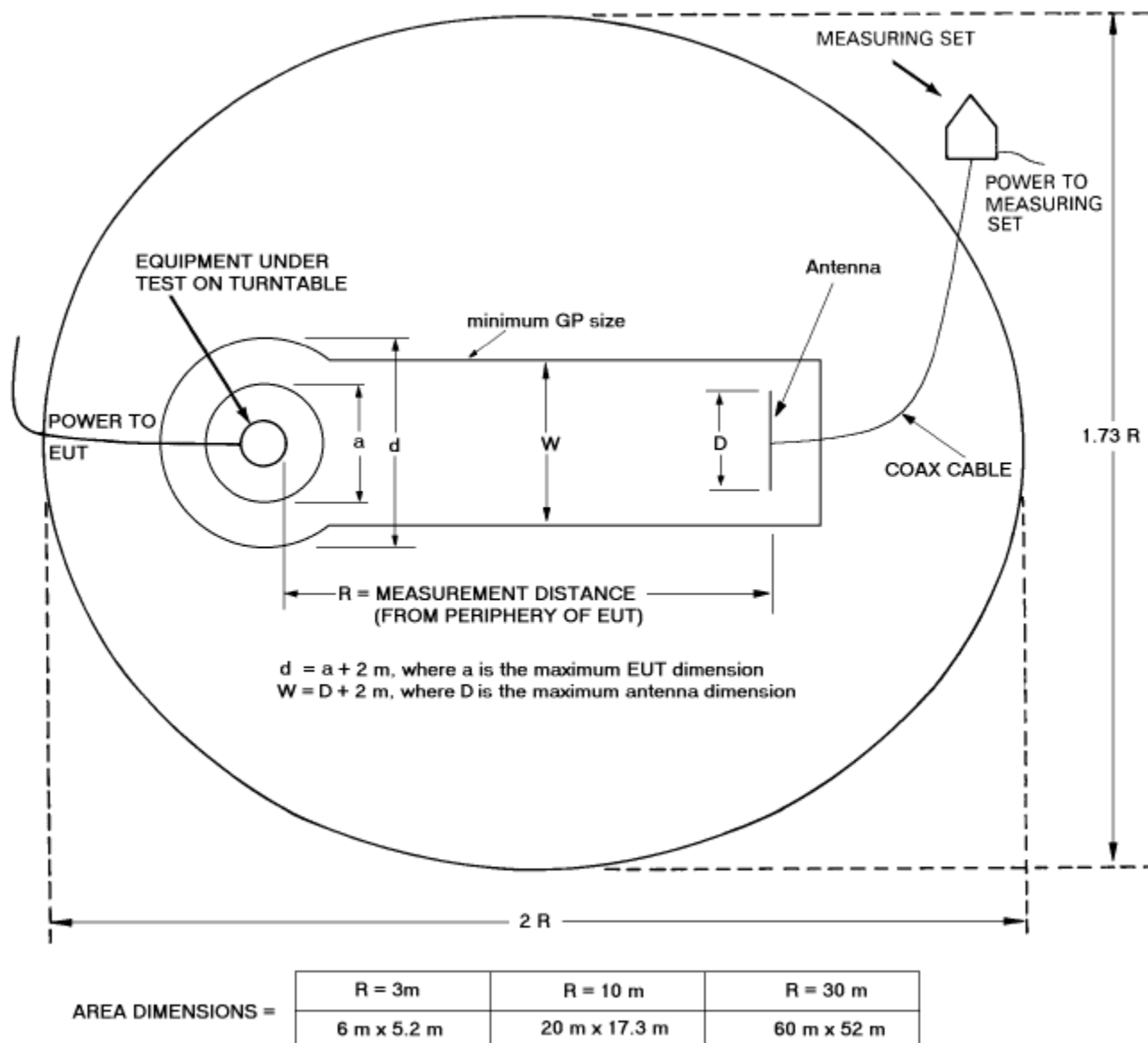
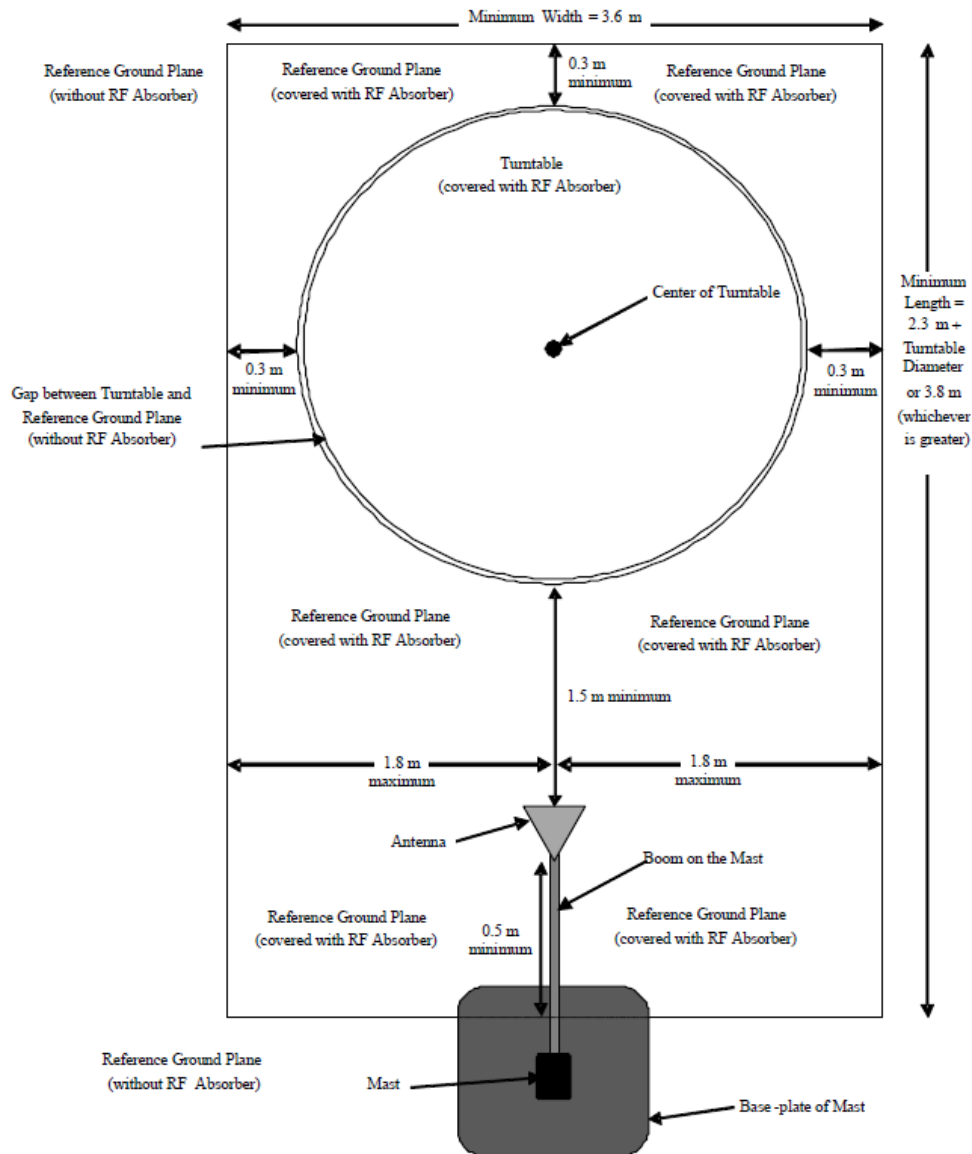


FIGURE 4: HIGH FREQUENCY TEST VOLUME



COM-POWER AL-130**LOOP ANTENNA****S/N: 121049****CALIBRATION DATE: MARCH 16, 2021**

FREQUENCY (MHz)	MAGNETIC (dB/m)	ELECTRIC (dB/m)	FREQUENCY (MHz)	MAGNETIC (dB/m)	ELECTRIC (dB/m)
0.009	-30.97	20.53	0.8	-37.47	14.03
0.01	-31.91	19.59	0.9	-37.28	14.22
0.02	-35.03	16.47	1	-37.07	14.43
0.03	-34.97	16.53	2	-37.07	14.43
0.04	-35.91	15.59	3	-37.07	14.43
0.05	-36.76	14.74	4	-36.97	14.53
0.06	-36.66	14.84	5	-36.98	14.52
0.07	-37.02	14.48	6	-37.07	14.43
0.08	-37.05	14.45	7	-37.07	14.43
0.09	-37.00	14.50	8	-37.06	14.44
0.1	-37.42	14.08	9	-37.07	14.43
0.2	-37.47	14.03	10	-36.77	14.73
0.3	-37.58	13.92	15	-37.04	14.46
0.4	-37.58	13.92	20	-36.72	14.78
0.5	-37.39	14.11	25	-38.60	12.90
0.6	-37.38	14.12	30	-38.64	12.86
0.7	-37.38	14.12			

COM-POWER AC-220

LAB R - COMBILOG ANTENNA

S/N: 10030000

CALIBRATION DATE: APRIL 5, 2019

FREQUENCY (MHz)	FACTOR (dB)	FREQUENCY (MHz)	FACTOR (dB)
30	24.05	160	13.57
35	22.46	180	14.07
40	19.36	200	14.72
45	17.42	250	18.27
50	15.77	300	20.95
60	12.86	400	23.16
70	11.22	500	21.86
80	11.84	600	23.54
90	13.48	700	23.85
100	14.80	800	25.91
120	16.38	900	26.71
140	14.41	1000	27.60

COM-POWER AH-118

HORN ANTENNA

S/N: 10050074

CALIBRATION DATE: JULY 19, 2019

FREQUENCY (MHz)	FACTOR (dB)	FREQUENCY (MHz)	FACTOR (dB)
700	25.84	7500	37.73
750	25.46	8000	38.05
800	24.96	8500	38.29
850	24.51	9000	38.93
900	24.01	9500	39.64
950	23.73	10000	39.12
1000	23.83	10500	39.16
1250	24.81	11000	39.18
1500	25.32	11500	39.85
1750	26.30	12000	40.27
2000	27.94	12500	40.91
2250	28.16	13000	40.50
2500	29.07	13500	40.59
3000	30.07	14000	40.44
3500	30.81	14500	40.62
4000	31.68	15000	43.35
4500	32.64	15500	40.76
5000	33.79	16000	41.61
5500	34.20	16500	40.38
6000	35.24	17000	40.88
6500	35.74	17500	42.79
7000	37.17	18000	43.86



FRONT VIEW

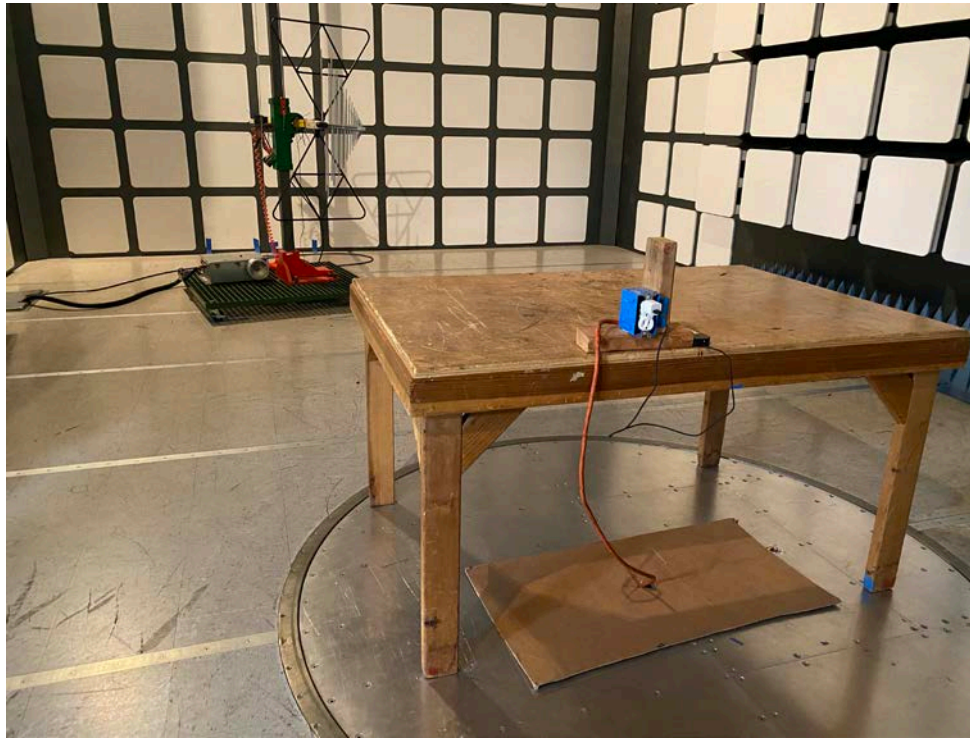
SHOOTERS.GLOBAL Z.O.O.

SMART SHOT TIMER

MODEL: SST4A.00

FCC SUBPART B - RADIATED EMISSIONS 30-1000 MHz

**PHOTOGRAPH SHOWING THE EUT CONFIGURATION
FOR MAXIMUM EMISSIONS**



REAR VIEW

SHOOTERS.GLOBAL Z.O.O.

SMART SHOT TIMER

MODEL: SST4A.00

FCC SUBPART B - RADIATED EMISSIONS 30-1000 MHz

**PHOTOGRAPH SHOWING THE EUT CONFIGURATION
FOR MAXIMUM EMISSIONS**



FRONT VIEW

SHOOTERS.GLOBAL Z.O.O.

SMART SHOT TIMER

MODEL: SST4A.00

FCC SUBPART B - RADIATED EMISSIONS 1-12 GHz

**PHOTOGRAPH SHOWING THE EUT CONFIGURATION
FOR MAXIMUM EMISSIONS**



REAR VIEW

SHOOTERS.GLOBAL Z.O.O.

SMART SHOT TIMER

MODEL: SST4A.00

FCC SUBPART B - RADIATED EMISSIONS 1-12 GHz

**PHOTOGRAPH SHOWING THE EUT CONFIGURATION
FOR MAXIMUM EMISSIONS**



FRONT VIEW

SHOOTERS.GLOBAL Z.O.O.
SMART SHOT TIMER
MODEL: SST4A.00
FCC SUBPART B - CONDUCTED EMISSIONS

**PHOTOGRAPH SHOWING THE EUT CONFIGURATION
FOR MAXIMUM EMISSIONS**



REAR VIEW

SHOOTERS.GLOBAL Z.O.O.
SMART SHOT TIMER
MODEL: SST4A.00
FCC SUBPART B - CONDUCTED EMISSIONS

**PHOTOGRAPH SHOWING THE EUT CONFIGURATION
FOR MAXIMUM EMISSIONS**



FRONT VIEW

SHOOTERS.GLOBAL Z.O.O.

WIRELESS CHARGER

MODEL: V2

FCC SUBPART B - RADIATED EMISSIONS 30-1000 MHz

**PHOTOGRAPH SHOWING THE EUT CONFIGURATION
FOR MAXIMUM EMISSIONS**



REAR VIEW

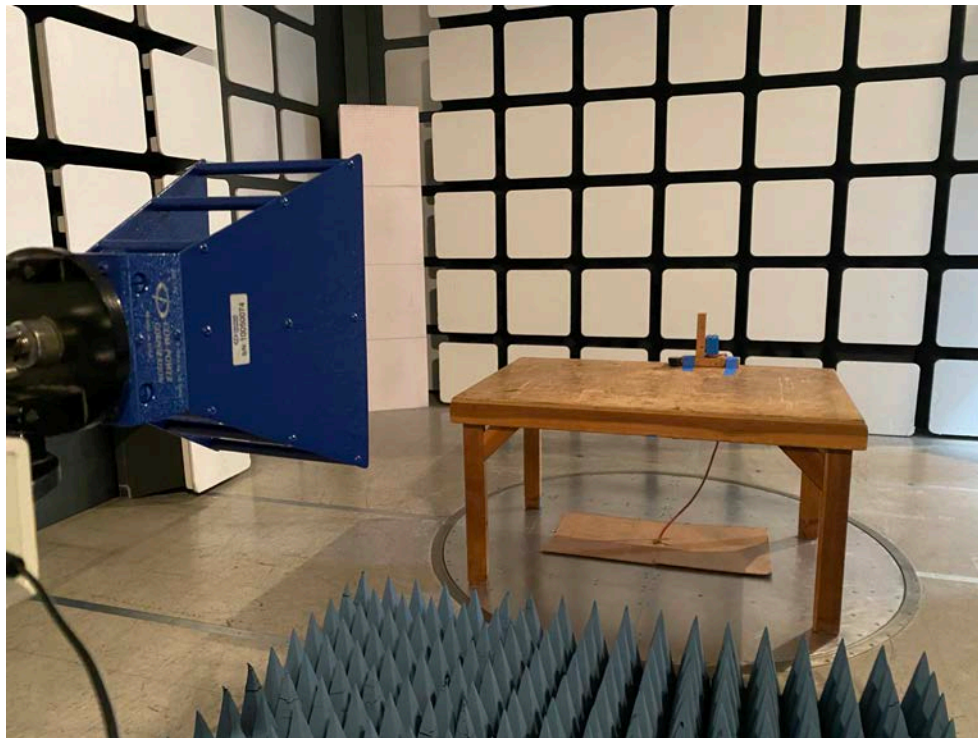
SHOOTERS.GLOBAL Z.O.O.

WIRELESS CHARGER

MODEL: V2

FCC SUBPART B - RADIATED EMISSIONS 30-1000 MHz

**PHOTOGRAPH SHOWING THE EUT CONFIGURATION
FOR MAXIMUM EMISSIONS**



FRONT VIEW

SHOOTERS.GLOBAL Z.O.O.

WIRELESS CHARGER

MODEL: V2

FCC SUBPART B - RADIATED EMISSIONS 1-12 GHz

**PHOTOGRAPH SHOWING THE EUT CONFIGURATION
FOR MAXIMUM EMISSIONS**



REAR VIEW

SHOOTERS.GLOBAL Z.O.O.

WIRELESS CHARGER

MODEL: V2

FCC SUBPART B - RADIATED EMISSIONS 1-12 GHz

**PHOTOGRAPH SHOWING THE EUT CONFIGURATION
FOR MAXIMUM EMISSIONS**



FRONT VIEW

SHOOTERS.GLOBAL Z.O.O.
WIRELESS CHARGER
MODEL: V2
FCC SUBPART B - CONDUCTED EMISSIONS

**PHOTOGRAPH SHOWING THE EUT CONFIGURATION
FOR MAXIMUM EMISSIONS**



REAR VIEW

SHOOTERS.GLOBAL Z.O.O.
WIRELESS CHARGER
MODEL: V2
FCC SUBPART B - CONDUCTED EMISSIONS

**PHOTOGRAPH SHOWING THE EUT CONFIGURATION
FOR MAXIMUM EMISSIONS**

APPENDIX E

DATA SHEETS

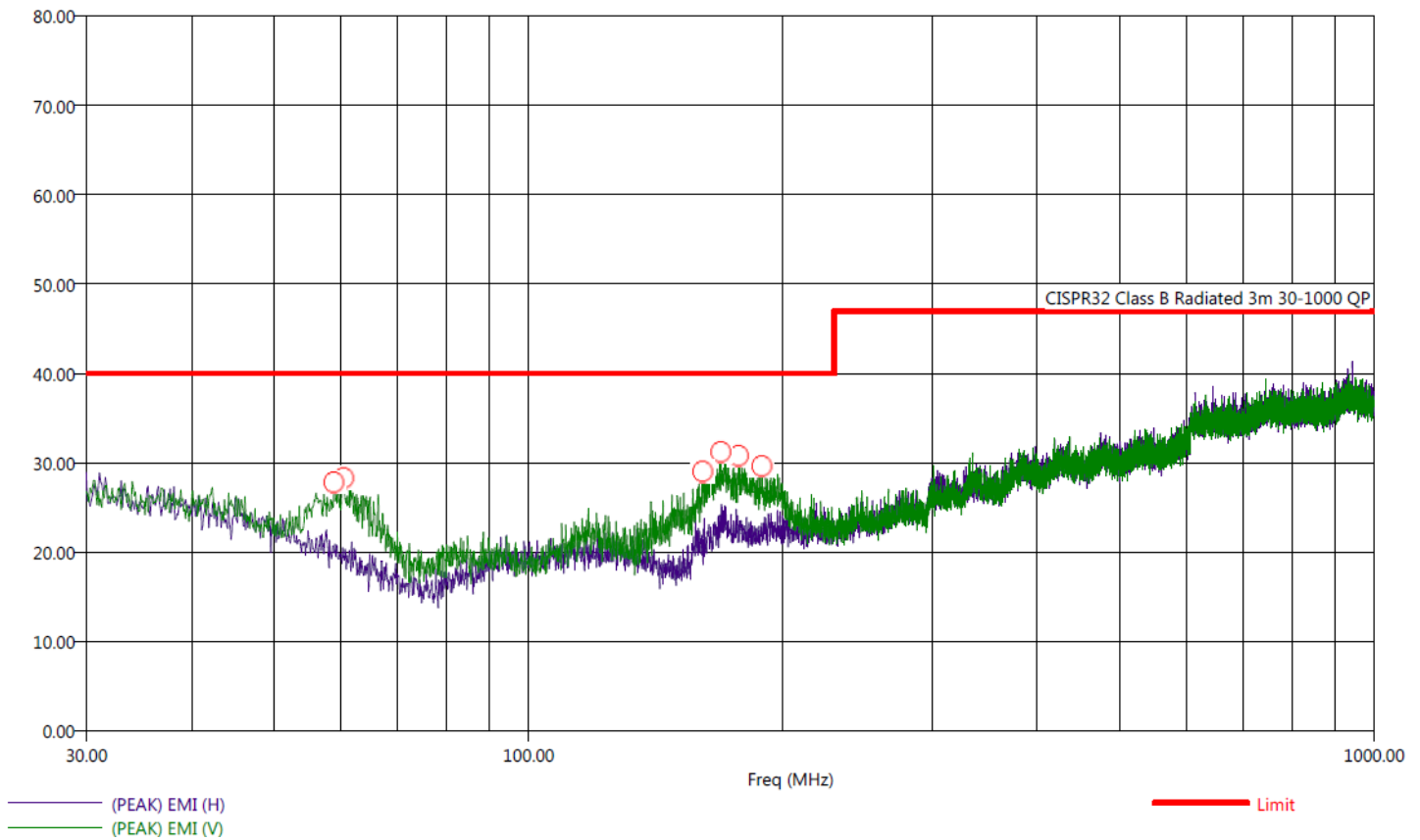
***RF EMISSIONS
DATA SHEETS***

Test title: CISPR 32 Class B
File: Radiated Pre - Scan 30 - 1000MHz-Sport
Operator name: Howard Huang
EUT type: Smart Shot Timer/SST4A.00
EUT condition: The EUT is in dry practice mode
Notes: Company: Shooters Global
Temp:67f
Hum:31%
120V 60Hz
Timer FCC ID: 2AYQV-SST4A

3/26/2021 9:59:21 AM
Sequence: Preliminary Scan

Compatible Electronics, Inc. FAC-3 (LAB R)

Electric Field Strength (dBuV/m)



Test title: CISPR 32 Class B
File: Radiated Final - Scan 30 - 1000MHz-sport
Operator name: Howard Huang
EUT type: Smart Shot Timer/SST4A.00
EUT condition: The EUT is in dry practice mode
Notes: Company: Shooters Global
Temp:67f
Hum:31%
120V 60Hz
Timer FCC ID: 2AYQV-SST4A

3/26/2021 10:12:08 AM
Sequence: Final Measurements

Compatible Electronics, Inc. FAC-3 (LAB R)

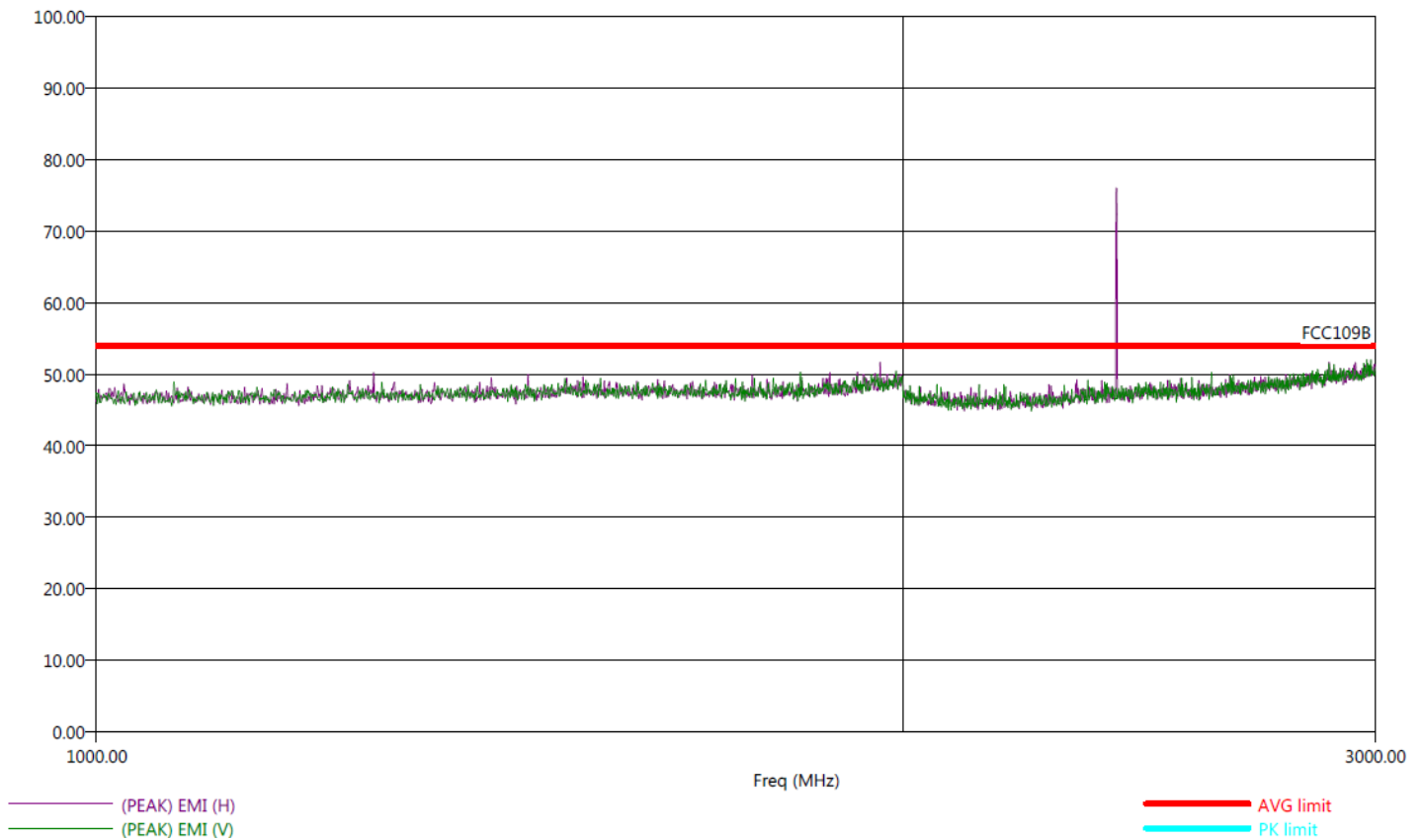
Freq (MHz)	Pol	(PEAK) EMI (dBuV/m)	(QP) EMI (dBuV/m)	(QP) Margin (dB)	Limit (dBuV/m)	Twr Ht (cm)	Ttbl Ang (deg)	Cable (dB)	Transducer (dB)
58.90	V	28.06	23.61	-16.39	40.00	172.55	142.75	0.78	15.28
60.50	V	29.34	24.34	-15.66	40.00	113.32	177.50	0.79	14.65
160.80	V	29.17	24.03	-15.97	40.00	108.19	50.75	1.32	14.00
169.00	V	30.59	26.25	-13.75	40.00	118.46	174.75	1.36	15.61
177.30	V	30.96	25.98	-14.02	40.00	106.88	191.75	1.39	14.97
188.90	V	29.39	25.05	-14.95	40.00	107.47	303.25	1.45	15.15

Test title: FCC 15.109 Class B
File: Radiated Pre - Scan 1 - 3GHz-sport
Operator name: Howard Huang
EUT type: Smart Shot Timer/SST4A.00
EUT condition: The EUT is in dry practice mode
Notes: Company: Shooters Global
Temp:67f
Hum:31%
120V 60Hz
Timer FCC ID: 2AYQV-SST4A

3/26/2021 11:52:52 AM
Sequence: Preliminary Scan

Compatible Electronics, Inc. FAC-3 (LAB R)

Electric Field Strength (dBuV/m)

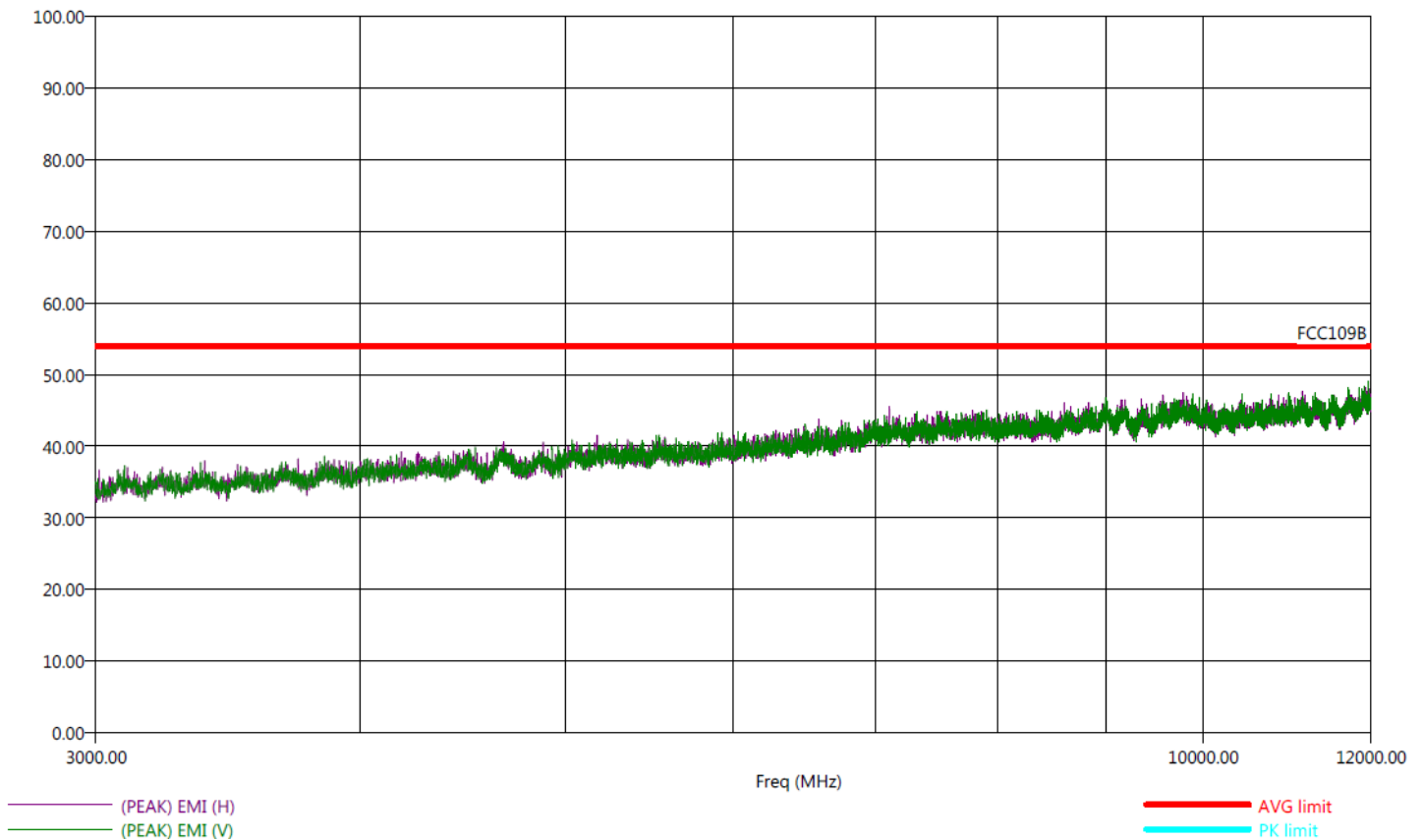
**Emissions found from Pre-approved module 2ALPH-E73**

Test title: FCC 15.109 Class B
File: Radiated Pre - Scan 3 - 12GHz-sport
Operator name: Howard Huang
EUT type: Smart Shot Timer/SST4A.00
EUT condition: The EUT is in dry practice mode
Notes: Company: Shooters Global
Temp:67f
Hum:31%
120V 60Hz
Timer FCC ID: 2AYQV-SST4A

3/26/2021 11:52:52 AM
Sequence: Preliminary Scan

Compatible Electronics, Inc. FAC-3 (LAB R)

Electric Field Strength (dBuV/m)



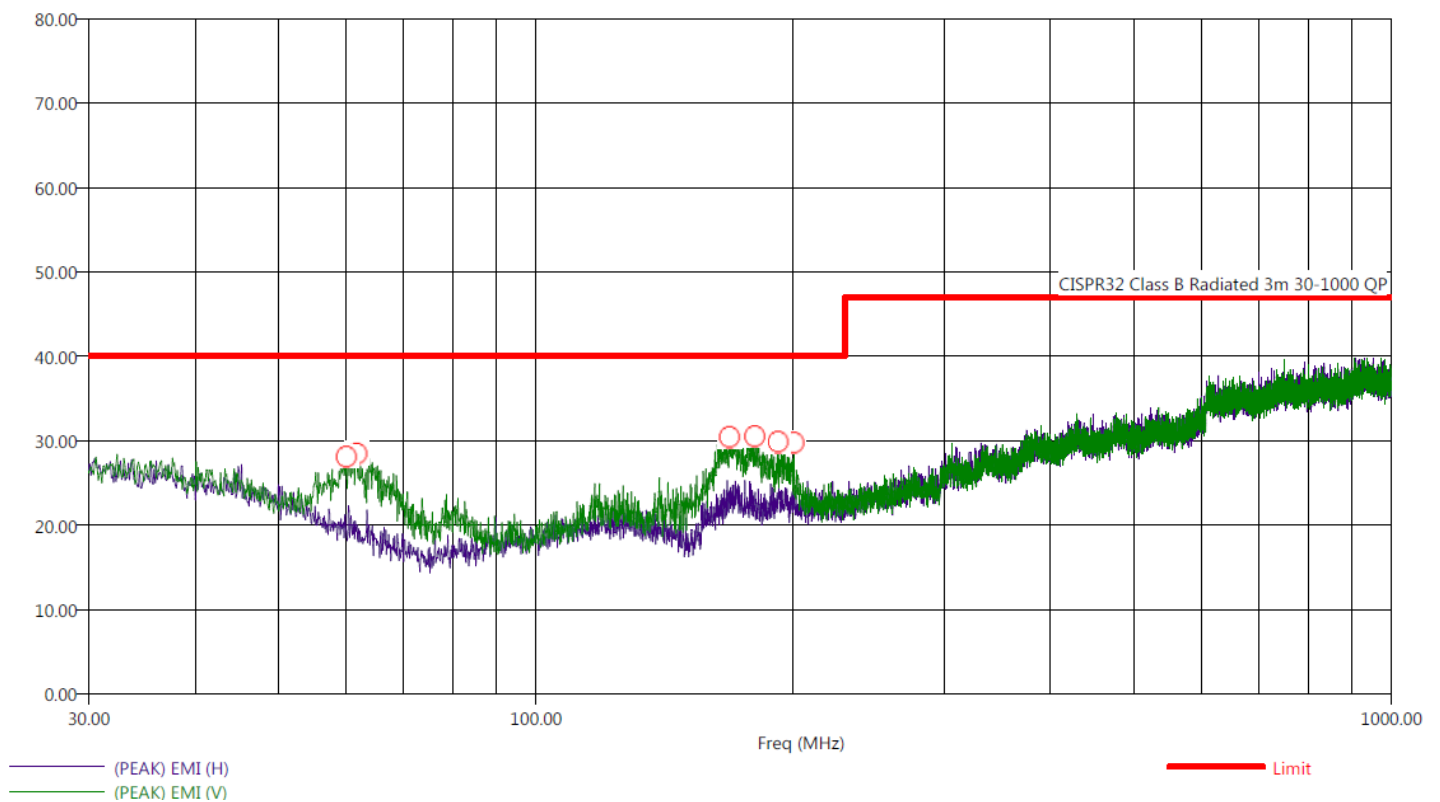
No emissions found from 3-12 GHz

Test title: CISPR 32 Class B
File: Radiated Pre - Scan 30 - 1000MHz-MLT
Operator name: Howard Huang
EUT type: Wireless Charger
EUT condition: The EUT is in dry practice mode
Notes: Company: Shooters Global
Temp:67f
Hum:31%
120V 60Hz
Wireless charging, S/N: mlt 00173
Timer FCC ID: 2AYQV-SST4A
Charger FCC ID: 2AYQV-SSTWCH1

3/26/2021 9:31:36 AM
Sequence: Preliminary Scan

Compatible Electronics, Inc. FAC-3 (LAB R)

Electric Field Strength (dBuV/m)



Test title: CISPR 32 Class B
File: Radiated Final - Scan 30 - 1000MHz-MLT
Operator name: Howard Huang
EUT type: Wireless Charger
EUT condition: The EUT is in dry practice mode
Notes: Company: Shooters Global
Temp:67f
Hum:31%
120V 60Hz
Wireless charging, S/N: mlt 00173
Timer FCC ID: 2AYQV-SST4A
Charger FCC ID: 2AYQV-SSTWCH1

3/26/2021 9:39:44 AM
Sequence: Final Measurements

Compatible Electronics, Inc. FAC-3 (LAB R)

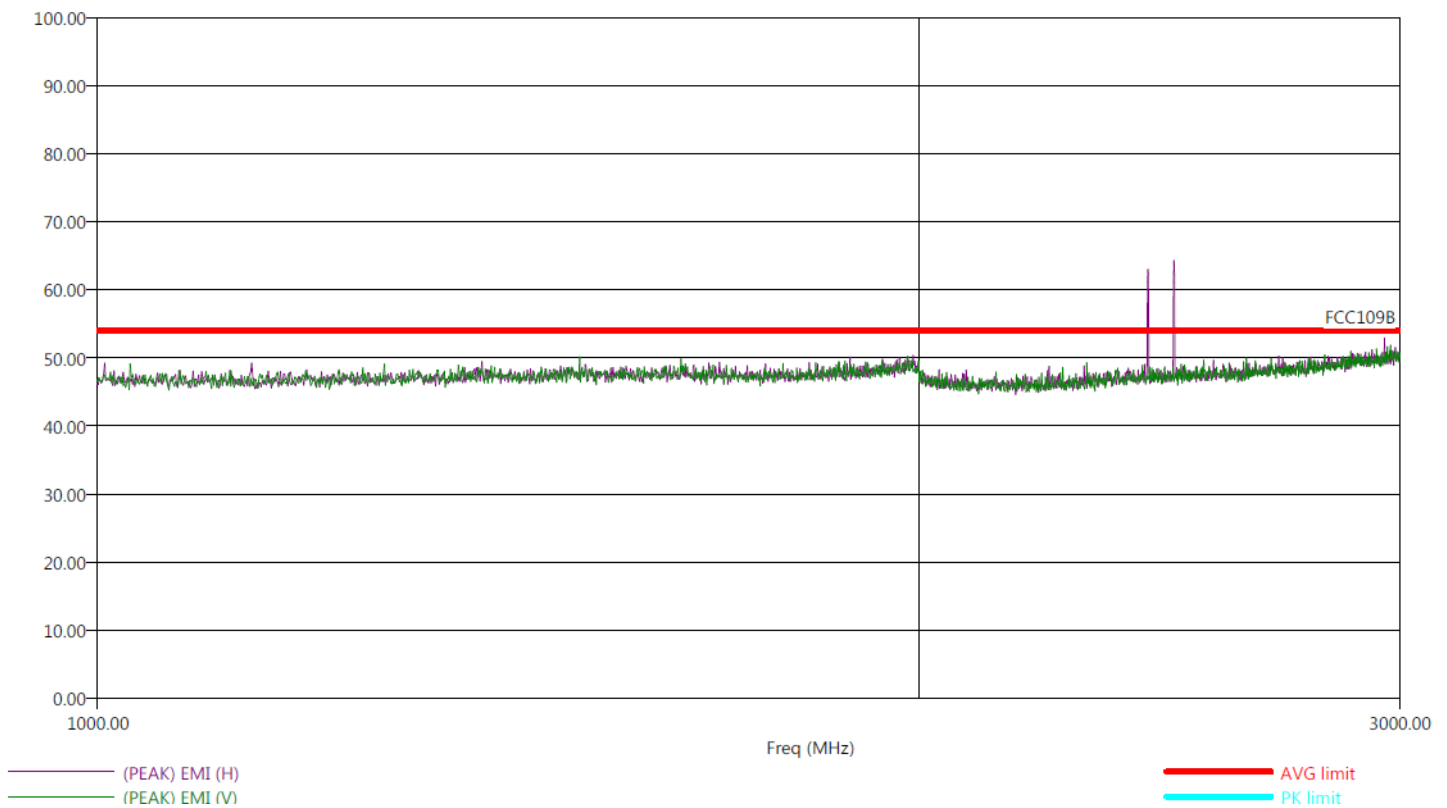
Freq (MHz)	Pol	(PEAK) EMI (dBuV/m)	(QP) EMI (dBuV/m)	(QP) Margin (dB)	Limit (dBuV/m)	Twr Ht (cm)	Ttbl Ang (deg)	Cable (dB)	Transducer (dB)
60.10	V	28.60	25.12	-14.88	40.00	132.55	189.75	0.79	14.86
61.80	V	28.55	23.93	-16.07	40.00	123.29	163.75	0.80	14.23
168.50	V	30.95	26.53	-13.47	40.00	107.65	203.50	1.35	15.25
180.40	V	30.63	26.76	-13.24	40.00	103.17	238.50	1.41	14.67
192.10	V	29.75	25.22	-14.78	40.00	117.32	299.25	1.46	15.99
200.50	V	28.94	24.71	-15.29	40.00	105.38	334.75	1.50	15.06

Test title: FCC 15.109 Class B
File: Radiated Pre - Scan 1 - 3GHz-MLT
Operator name: Howard Huang
EUT type: Wireless
EUT condition: The EUT is in dry practice mode
Notes: Company: Shooters Global
Temp:67f
Hum:31%
120V 60Hz
Wireless charging, S/N: mlt 00173
Timer FCC ID: 2AYQV-SST4A
Charger FCC ID: 2AYQV-SSTWCH1

3/26/2021 1:27:55 PM
Sequence: Preliminary Scan

Compatible Electronics, Inc. FAC-3 (LAB R)

Electric Field Strength (dBuV/m)



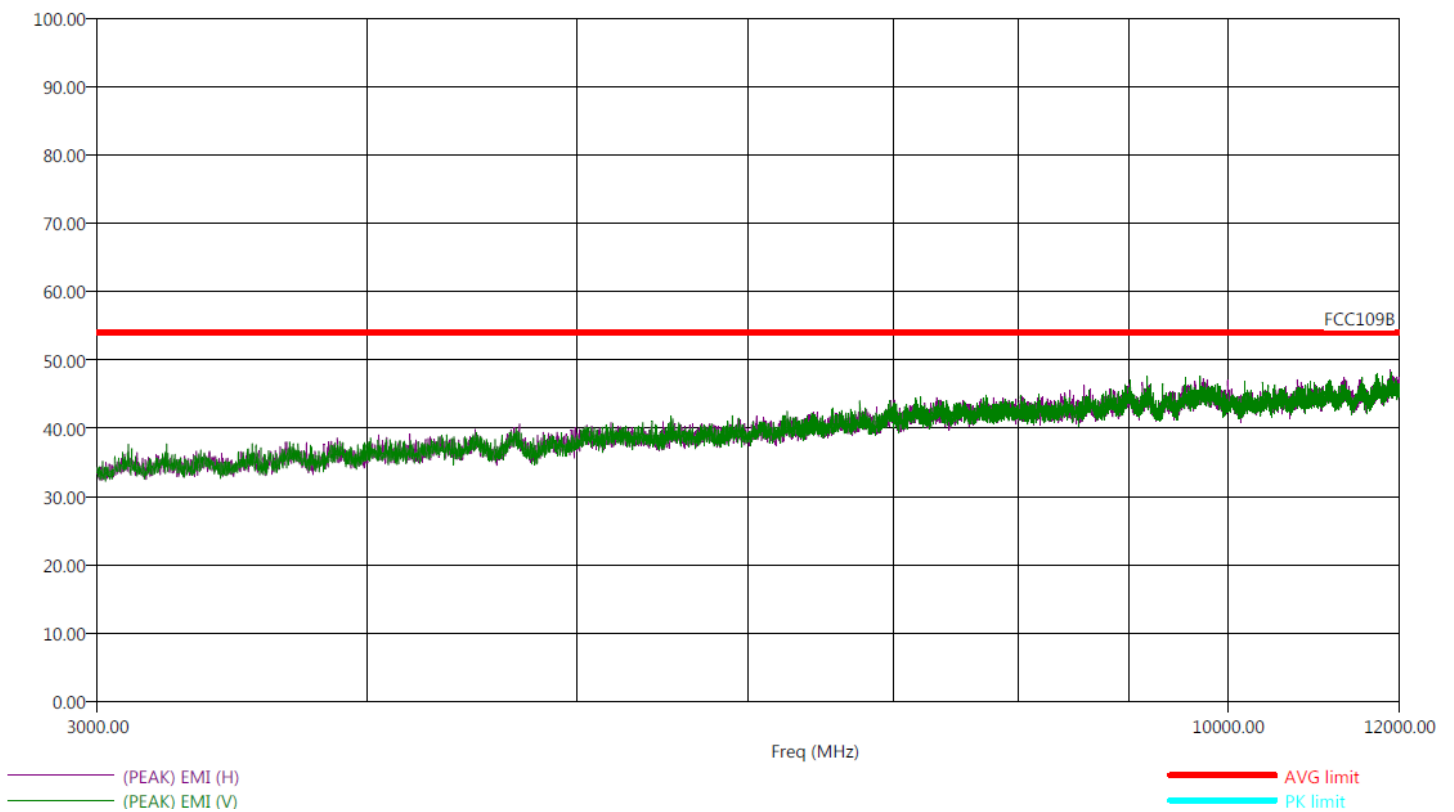
Emissions found from Pre-approved module 2ALPH-E73

Test title: FCC 15.109 Class B
File: Radiated Pre - Scan 3 - 12GHz-MLT
Operator name: Howard Huang
EUT type: Wireless
EUT condition: The EUT is in dry practice mode
Notes: Company: Shooters Global
Temp:67f
Hum:31%
120V 60Hz
Wireless charging, S/N: mlt 00173
Timer FCC ID: 2AYQV-SST4A
Charger FCC ID: 2AYQV-SSTWCH1

3/26/2021 1:27:55 PM
Sequence: Preliminary Scan

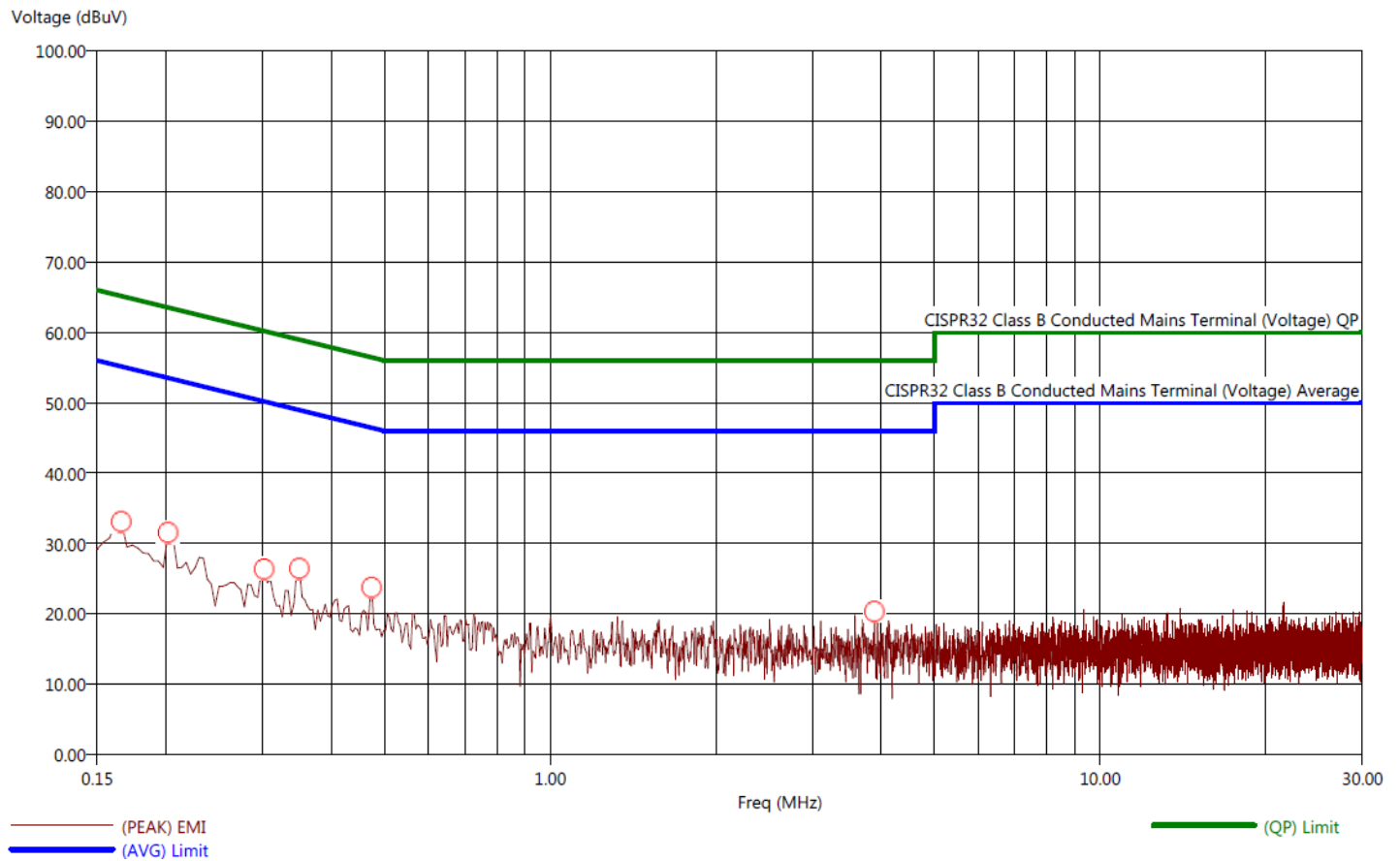
Compatible Electronics, Inc. FAC-3 (LAB R)

Electric Field Strength (dBuV/m)



Test title: CISPR 32 Class B
File: Conducted Pre-Line-120V-Timer
Operator name: Howard Huang
EUT type: Smart Shot Timer/SST4A.00
EUT condition: The EUT is constantly charging
Notes: Company: Shooters Global
Temp:67f
Hum:31%
120V 60Hz
Timer FCC ID: 2AYQV-SST4A

3/26/2021 2:28:31 PM
Sequence: Preliminary Scan

Compatible Electronics, Inc. FAC- 3 (LAB R)

Test title: CISPR 32 Class B
File: Conducted Final-Line-120V-Timer
Operator name: Howard Huang
EUT type: Smart Shot Timer/SST4A.00
EUT condition: The EUT is constantly charging
Notes: Company: Shooters Global
Temp:67f
Hum:31%
120V 60Hz
Timer FCC ID: 2AYQV-SST4A

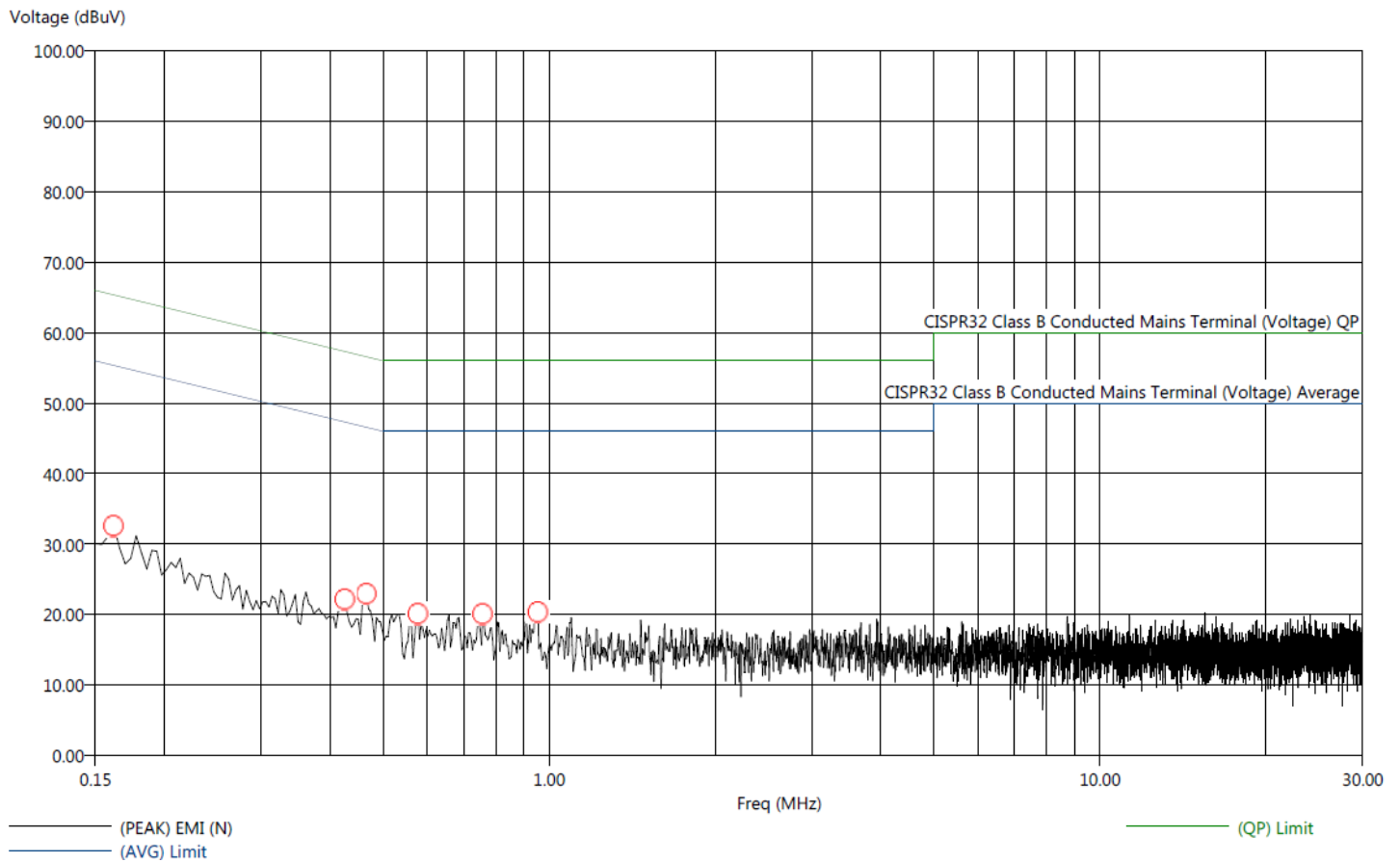
3/26/2021 2:29:53 PM
Sequence: Final Measurements

Compatible Electronics, Inc. FAC- 3 (LAB R)

Freq (MHz)	(AVG) Margin AVL (dB)	(QP) Margin QPL (dB)	(AVG) EMI (dBuV)	(QP) EMI (dBuV)	(PEAK) EMI (dBuV)	(AVG) Limit (dBuV)	(QP) Limit (dBuV)	Transducer (dB)	Cable(dB)
0.17	-31.86	-35.17	23.50	30.19	34.56	55.35	65.35	0.41	0.23
0.20	-32.02	-35.14	21.61	28.49	33.14	53.62	63.62	0.31	0.15
0.30	-28.30	-31.53	21.84	28.61	34.66	50.14	60.14	0.11	0.13
0.35	-28.25	-31.46	20.51	27.30	31.83	48.76	58.76	0.04	0.12
0.47	-27.96	-31.18	18.08	24.86	29.12	46.04	56.04	0.03	0.10
3.89	-36.76	-40.04	9.24	15.96	19.56	46.00	56.00	0.04	0.23

Test title: CISPR 32 Class B
File: Conducted Pre-Neutral-120V-Timer
Operator name: Howard Huang
EUT type: Smart Shot Timer/SST4A.00
EUT condition: The EUT is constantly charging
Notes: Company: Shooters Global
Temp:67f
Hum:31%
120V 60Hz
Timer FCC ID: 2AYQV-SST4A

3/26/2021 2:24:06 PM
Sequence: Preliminary Scan

Compatible Electronics, Inc. FAC- 3 (LAB R)

Test title: CISPR 32 Class B
File: Conducted Final-Neutral-120V-Timer
Operator name: Howard Huang
EUT type: Smart Shot Timer/SST4A.00
EUT condition: The EUT is constantly charging
Notes: Company: Shooters Global
Temp:67f
Hum:31%
120V 60Hz
Timer FCC ID: 2AYQV-SST4A

3/26/2021 2:25:32 PM

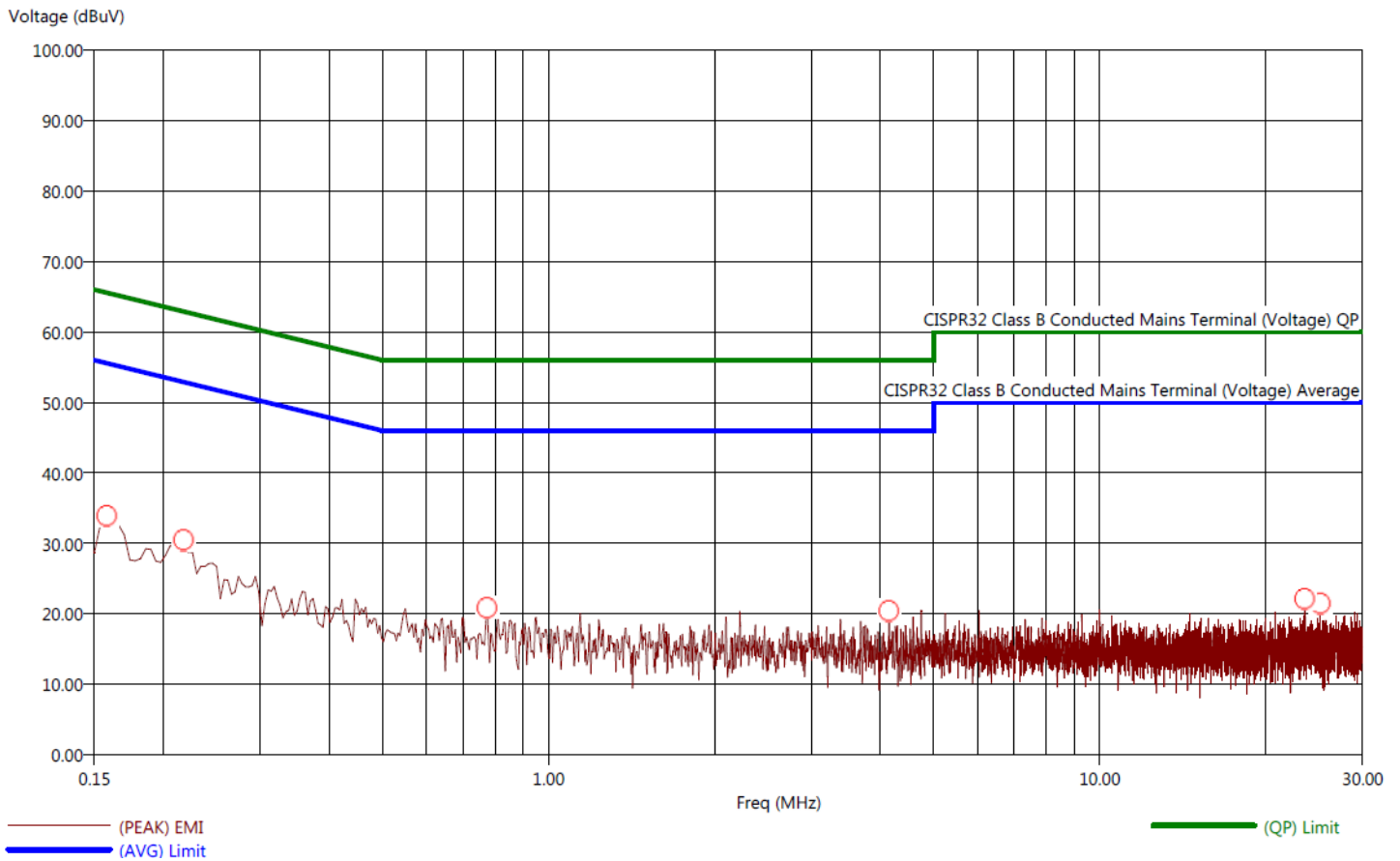
Sequence: Final Measurements

Compatible Electronics, Inc. FAC- 3 (LAB R)

Freq (MHz)	(AVG) Margin AVL (dB)	(QP) Margin QPL (dB)	(AVG) EMI (dBuV)	(QP) EMI (dBuV)	(PEAK) EMI (dBuV)	(AVG) Limit (dBuV)	(QP) Limit (dBuV)	Transducer (dB)	Cable(dB)
0.16	-36.03	-39.15	19.65	26.53	30.38	55.67	65.67	0.43	0.24
0.43	-35.10	-38.23	12.14	19.01	23.51	47.24	57.24	0.03	0.11
0.47	-34.77	-37.93	11.84	18.68	22.74	46.61	56.61	0.02	0.10
0.58	-34.99	-38.10	11.01	17.90	22.72	46.00	56.00	0.03	0.11
0.76	-35.73	-38.84	10.27	17.16	21.05	46.00	56.00	0.03	0.12
0.95	-36.05	-39.40	9.95	16.60	20.76	46.00	56.00	0.04	0.13

Test title: CISPR 32 Class B
File: Conducted Pre-Line-230V-Timer
Operator name: Howard Huang
EUT type: Smart Shot Timer/SST4A.00
EUT condition: The EUT is constantly charging
Notes: Company: Shooters Global
Temp:67f
Hum:31%
230V 50Hz
Timer FCC ID: 2AYQV-SST4A

3/26/2021 2:39:08 PM
Sequence: Preliminary Scan

Compatible Electronics, Inc. FAC- 3 (LAB R)

Test title: CISPR 32 Class B
File: Conducted Final-Line-230V-Timer
Operator name: Howard Huang
EUT type: Smart Shot Timer/SST4A.00
EUT condition: The EUT is constantly charging
Notes: Company: Shooters Global
Temp:67f
Hum:31%
230V 50Hz
Timer FCC ID: 2AYQV-SST4A

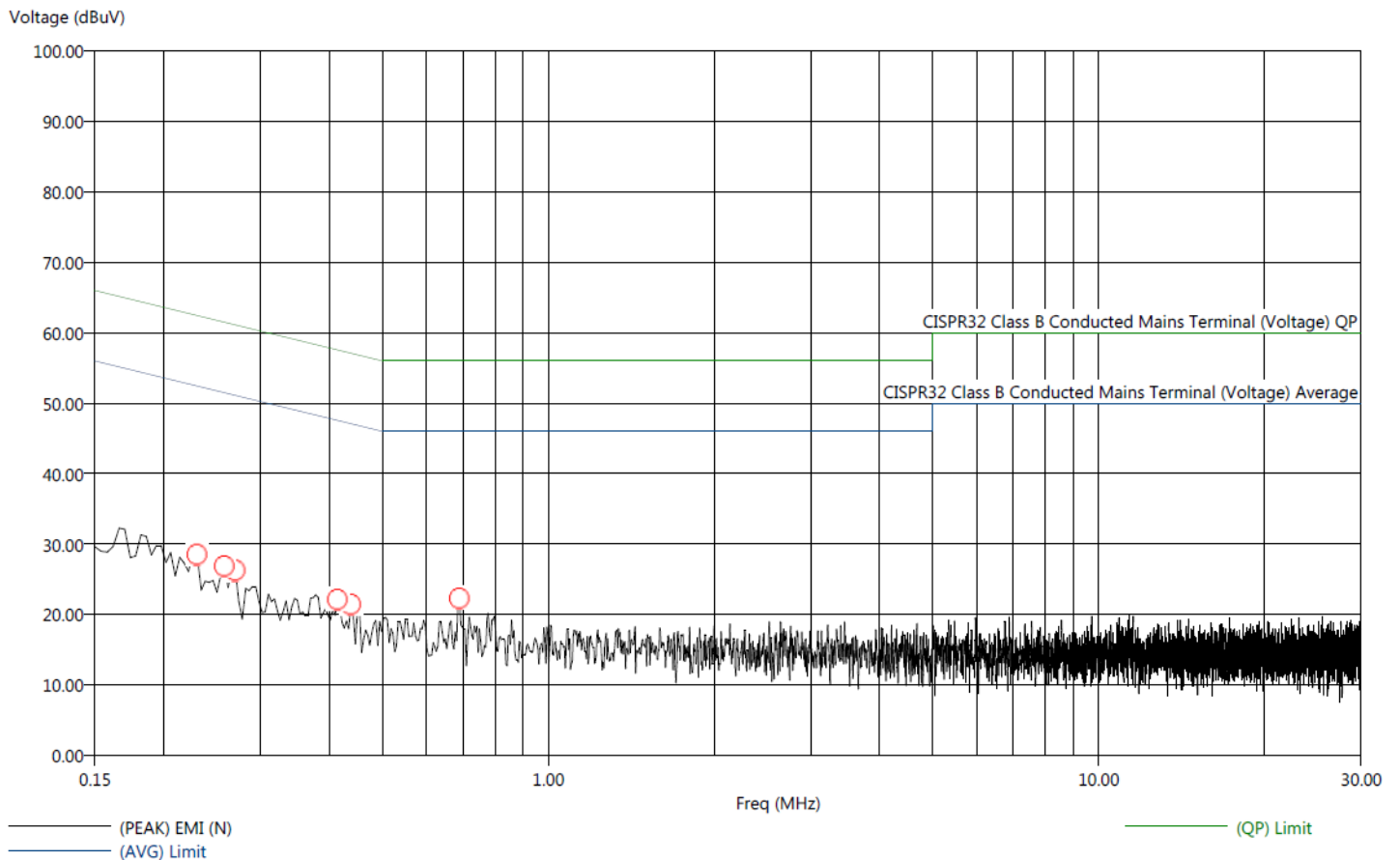
3/26/2021 2:40:32 PM
Sequence: Final Measurements

Compatible Electronics, Inc. FAC- 3 (LAB R)

Freq (MHz)	(AVG) Margin AVL (dB)	(QP) Margin QPL (dB)	(AVG) EMI (dBuV)	(QP) EMI (dBuV)	(PEAK) EMI (dBuV)	(AVG) Limit (dBuV)	(QP) Limit (dBuV)	Transducer (dB)	Cable(dB)
0.16	-32.01	-35.10	23.68	30.59	36.16	55.69	65.69	0.43	0.24
0.22	-31.83	-35.10	20.89	27.62	34.08	52.72	62.72	0.26	0.14
0.77	-30.64	-33.77	15.36	22.23	26.63	46.00	56.00	0.03	0.12
4.15	-36.93	-40.05	9.07	15.95	20.45	46.00	56.00	0.04	0.23
23.55	-39.90	-43.10	10.10	16.90	21.17	50.00	60.00	0.27	0.50
25.17	-39.61	-42.74	10.39	17.26	22.33	50.00	60.00	0.29	0.50

Test title: CISPR 32 Class B
File: Conducted Pre-Neutral-230V-Timer
Operator name: Howard Huang
EUT type: Smart Shot Timer/SST4A.00
EUT condition: The EUT is constantly charging
Notes: Company: Shooters Global
Temp:67f
Hum:31%
230V 50Hz
Timer FCC ID: 2AYQV-SST4A

3/26/2021 2:42:58 PM
Sequence: Preliminary Scan

Compatible Electronics, Inc. FAC- 3 (LAB R)

Test title: CISPR 32 Class B
File: Conducted Final-Neutral-230V-Timer
Operator name: Howard Huang
EUT type: Smart Shot Timer/SST4A.00
EUT condition: The EUT is constantly charging
Notes: Company: Shooters Global
Temp:67f
Hum:31%
230V 50Hz
Timer FCC ID: 2AYQV-SST4A

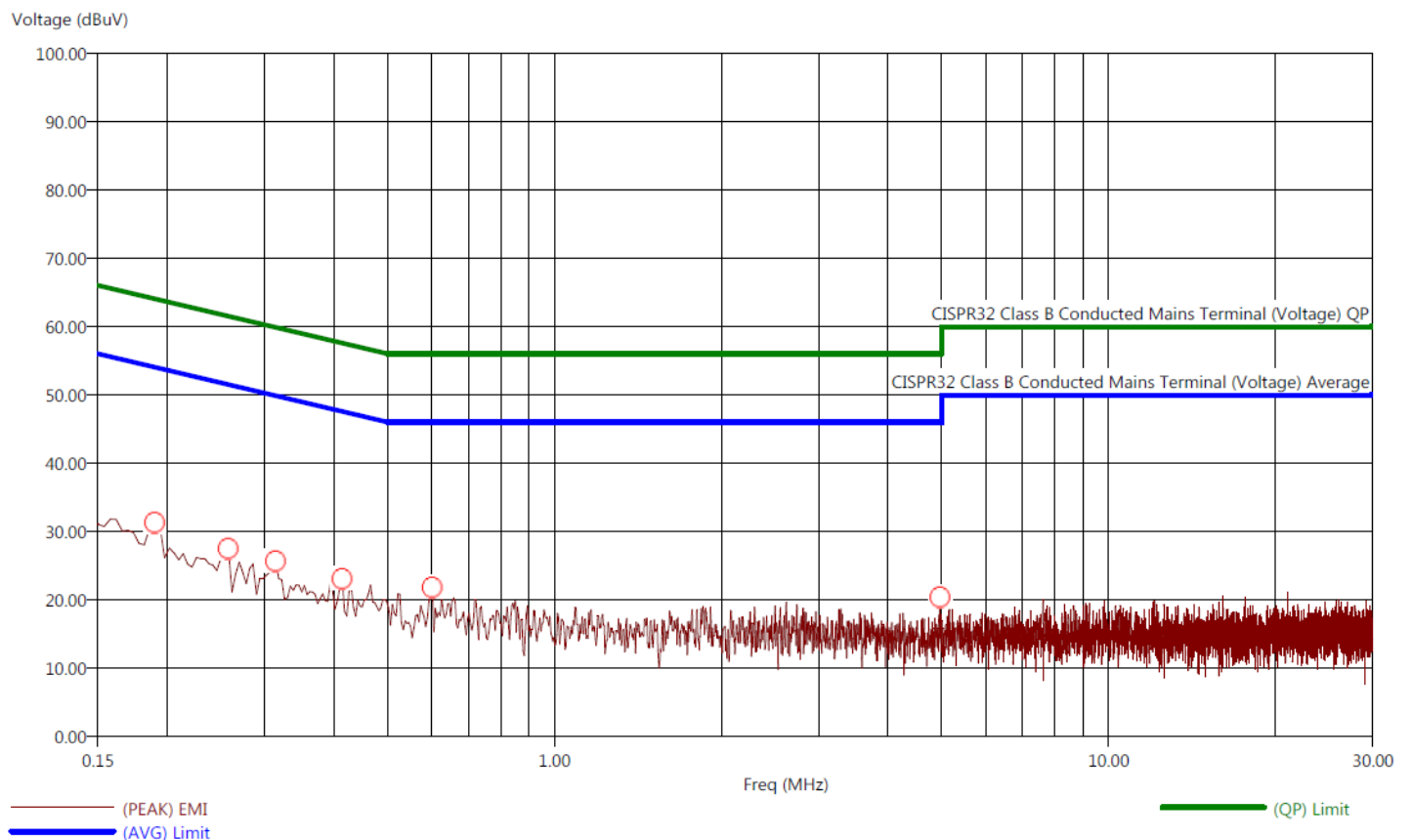
3/26/2021 2:44:13 PM
Sequence: Final Measurements

Compatible Electronics, Inc. FAC- 3 (LAB R)

Freq (MHz)	(AVG) Margin AVL (dB)	(QP) Margin QPL (dB)	(AVG) EMI (dBuV)	(QP) EMI (dBuV)	(PEAK) EMI (dBuV)	(AVG) Limit (dBuV)	(QP) Limit (dBuV)	Transducer (dB)	Cable(dB)
0.23	-36.46	-39.53	16.24	23.17	27.94	52.70	62.70	0.26	0.14
0.26	-36.31	-39.43	15.08	21.96	25.99	51.39	61.39	0.18	0.14
0.27	-36.12	-39.38	15.46	22.20	26.16	51.59	61.59	0.19	0.14
0.41	-35.29	-38.22	12.32	19.39	23.95	47.61	57.61	0.03	0.11
0.44	-35.02	-38.19	12.09	18.92	23.18	47.12	57.12	0.02	0.11
0.69	-35.38	-38.72	10.62	17.28	22.30	46.00	56.00	0.03	0.11

Test title: CISPR 32 Class B
File: Conducted Pre-Line-120V-Wireless Charger
Operator name: Howard Huang
EUT type: Wireless Charger
EUT condition: The EUT is constantly charging SST4A.01
Notes: Company: Shooters Global
Temp:67f
Hum:31%
120V 60Hz
Timer FCC ID: 2AYQV-SST4A
Charger FCC ID: 2AYQV-SSTWCH1

3/26/2021 2:13:29 PM
Sequence: Preliminary Scan

Compatible Electronics, Inc. FAC- 3 (LAB R)

Test title: CISPR 32 Class B
File: Conducted Final-Line-120V-Wireless Charger
Operator name: Howard Huang
EUT type: Wireless Charger
EUT condition: The EUT is constantly charging SST4A.01
Notes: Company: Shooters Global
Temp:67f
Hum:31%
120V 60Hz
Timer FCC ID: 2AYQV-SST4A
Charger FCC ID: 2AYQV-SSTWCH

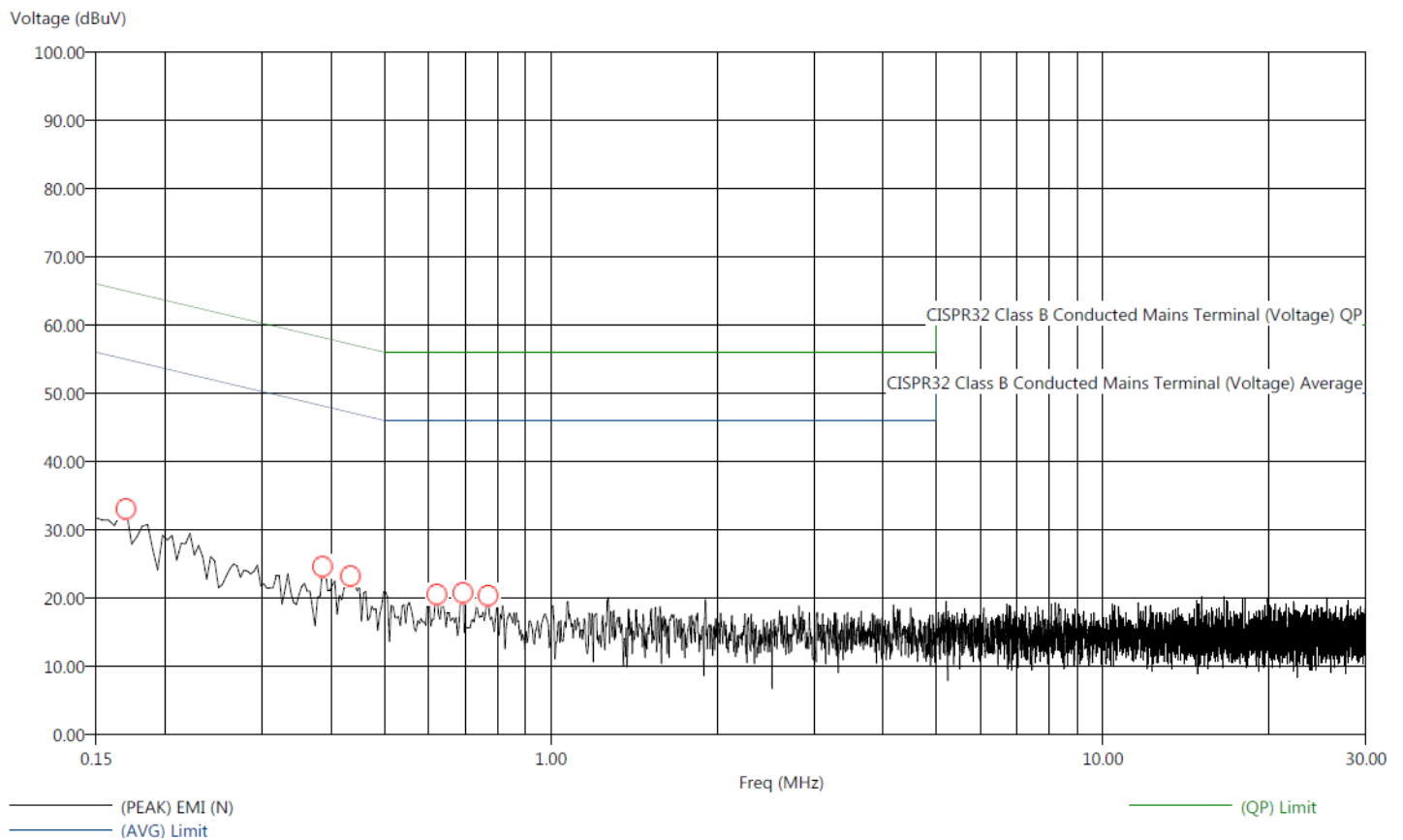
3/26/2021 2:16:03 PM
Sequence: Final Measurements

Compatible Electronics, Inc. FAC- 3 (LAB R)

Freq (MHz)	(AVG) Margin AVL (dB)	(QP) Margin QPL (dB)	(AVG) EMI (dBuV)	(QP) EMI (dBuV)	(PEAK) EMI (dBuV)	(AVG) Limit (dBuV)	(QP) Limit (dBuV)	Transducer (dB)	Cable(dB)
0.19	-31.97	-35.19	22.00	28.78	33.15	53.98	63.98	0.33	0.17
0.26	-27.90	-31.14	23.79	30.55	35.17	51.69	61.69	0.20	0.14
0.31	-26.58	-30.20	22.92	29.30	33.76	49.51	59.51	0.07	0.12
0.41	-28.19	-31.27	19.46	26.38	30.51	47.65	57.65	0.04	0.11
0.60	-29.20	-32.43	16.80	23.57	27.70	46.00	56.00	0.03	0.11
4.97	-36.92	-40.08	9.08	15.92	19.97	46.00	56.00	0.04	0.24

Test title: CISPR 32 Class B
File: Conducted Pre-Neutral-120V-Wireless Charger
Operator name: Howard Huang
EUT type: Wireless Charger
EUT condition: The EUT is constantly charging SST4A.01
Notes: Company: Shooters Global
Temp:67f
Hum:31%
120V 60Hz
Timer FCC ID: 2AYQV-SST4A
Charger FCC ID: 2AYQV-SSTWCH1

3/26/2021 2:19:01 PM
Sequence: Preliminary Scan

Compatible Electronics, Inc. FAC- 3 (LAB R)

Test title: CISPR 32 Class B
File: Conducted Final-Neutral-120V-Wireless Charger
Operator name: Howard Huang
EUT type: Wireless Charger
EUT condition: The EUT is constantly charging SST4A.01
Notes: Company: Shooters Global
Temp:67f
Hum:31%
120V 60Hz
Timer FCC ID: 2AYQV-SST4A
Charger FCC ID: 2AYQV-SSTWCH1

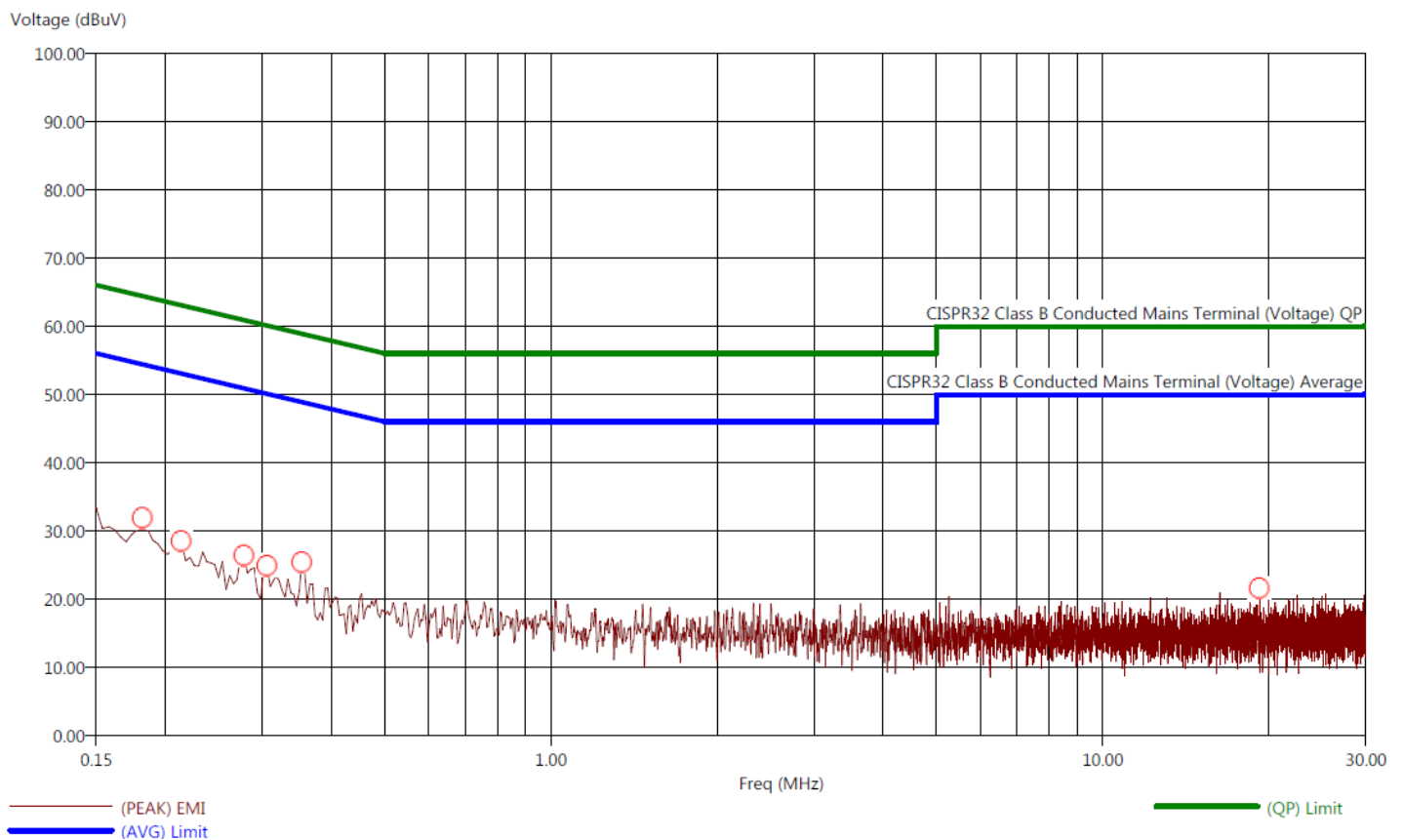
3/26/2021 2:20:22 PM
Sequence: Final Measurements

Compatible Electronics, Inc. FAC- 3 (LAB R)

Freq (MHz)	(AVG) Margin AVL (dB)	(QP) Margin QPL (dB)	(AVG) EMI (dBuV)	(QP) EMI (dBuV)	(PEAK) EMI (dBuV)	(AVG) Limit (dBuV)	(QP) Limit (dBuV)	Transducer (dB)	Cable(dB)
0.17	-36.15	-39.30	18.82	25.67	30.52	54.97	64.97	0.39	0.21
0.39	-35.38	-38.62	12.84	19.60	24.36	48.22	58.22	0.04	0.11
0.43	-35.00	-38.18	12.17	18.99	24.00	47.17	57.17	0.03	0.11
0.62	-35.22	-38.25	10.78	17.75	22.21	46.00	56.00	0.03	0.11
0.69	-35.38	-38.64	10.62	17.36	21.71	46.00	56.00	0.03	0.11
0.77	-35.74	-38.91	10.26	17.09	21.30	46.00	56.00	0.03	0.12

Test title: CISPR 32 Class B
File: Conducted Pre-Line-230V-Wireless Charger
Operator name: Howard Huang
EUT type: Wireless Charger
EUT condition: The EUT is constantly charging SST4A.01
Notes: Company: Shooters Global
Temp:67f
Hum:31%
120V 60Hz
Timer FCC ID: 2AYQV-SST4A
Charger FCC ID: 2AYQV-SSTWCH

3/26/2021 2:52:43 PM
Sequence: Preliminary Scan

Compatible Electronics, Inc. FAC- 3 (LAB R)

Test title: CISPR 32 Class B
File: Conducted Final-Line-230V-Wireless Charger
Operator name: Howard Huang
EUT type: Wireless Charger
EUT condition: The EUT is constantly charging SST4A.01
Notes: Company: Shooters Global
Temp:67f
Hum:31%
120V 60Hz
Timer FCC ID: 2AYQV-SST4A
Charger FCC ID: 2AYQV-SSTWCH

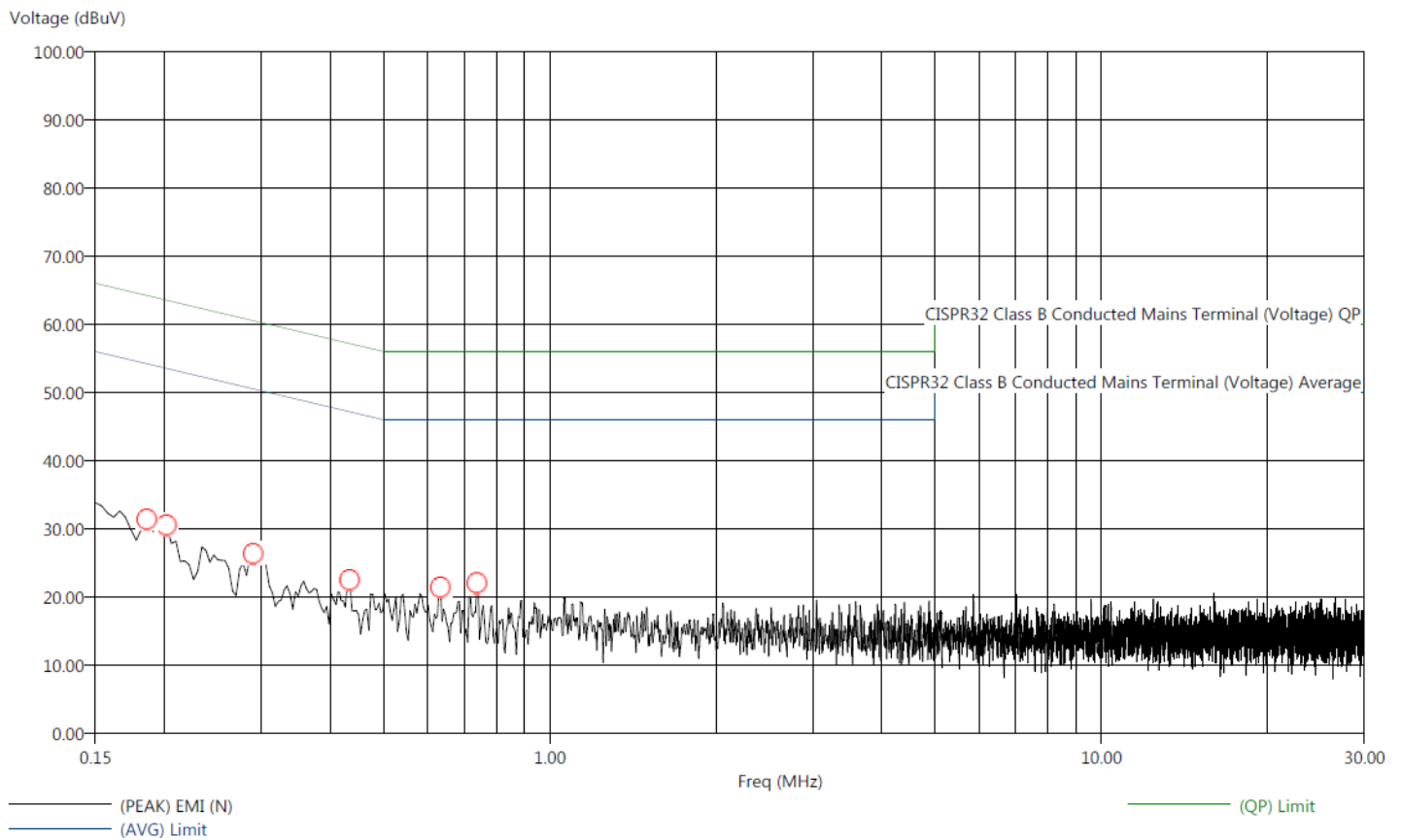
3/26/2021 2:53:44 PM
Sequence: Final Measurements

Compatible Electronics, Inc. FAC- 3 (LAB R)

Freq (MHz)	(AVG) Margin AVL (dB)	(QP) Margin QPL (dB)	(AVG) EMI (dBuV)	(QP) EMI (dBuV)	(PEAK) EMI (dBuV)	(AVG) Limit (dBuV)	(QP) Limit (dBuV)	Transducer (dB)	Cable(dB)
0.18	-32.02	-35.28	22.33	29.07	35.03	54.36	64.36	0.35	0.18
0.21	-31.96	-35.19	21.36	28.13	32.02	53.32	63.32	0.29	0.15
0.28	-28.10	-31.31	23.01	29.80	33.27	51.11	61.11	0.16	0.13
0.31	-28.33	-31.55	21.76	28.54	32.94	50.09	60.09	0.10	0.13
0.35	-28.41	-31.52	20.60	27.49	33.19	49.01	59.01	0.04	0.12
19.25	-40.58	-43.79	9.42	16.21	21.26	50.00	60.00	0.16	0.43

Test title: CISPR 32 Class B
File: Conducted Pre-Neutral-230V-Wireless Charger
Operator name: Howard Huang
EUT type: Wireless Charger
EUT condition: The EUT is constantly charging SST4A.01
Notes: Company: Shooters Global
Temp:67f
Hum:31%
230V 50Hz
Timer FCC ID: 2AYQV-SST4A
Charger FCC ID: 2AYQV-SSTWCH1

3/26/2021 2:47:38 PM
Sequence: Preliminary Scan

Compatible Electronics, Inc. FAC- 3 (LAB R)

Test title: CISPR 32 Class B
File: Conducted Final-Neutral-230V-Wireless Charger
Operator name: Howard Huang
EUT type: Wireless Charger
EUT condition: The EUT is constantly charging SST4A.01
Notes: Company: Shooters Global
Temp:67f
Hum:31%
230V 50Hz
Timer FCC ID: 2AYQV-SST4A
Charger FCC ID: 2AYQV-SSTWCH1

3/26/2021 2:48:41 PM
Sequence: Final Measurements

Compatible Electronics, Inc. FAC- 3 (LAB R)

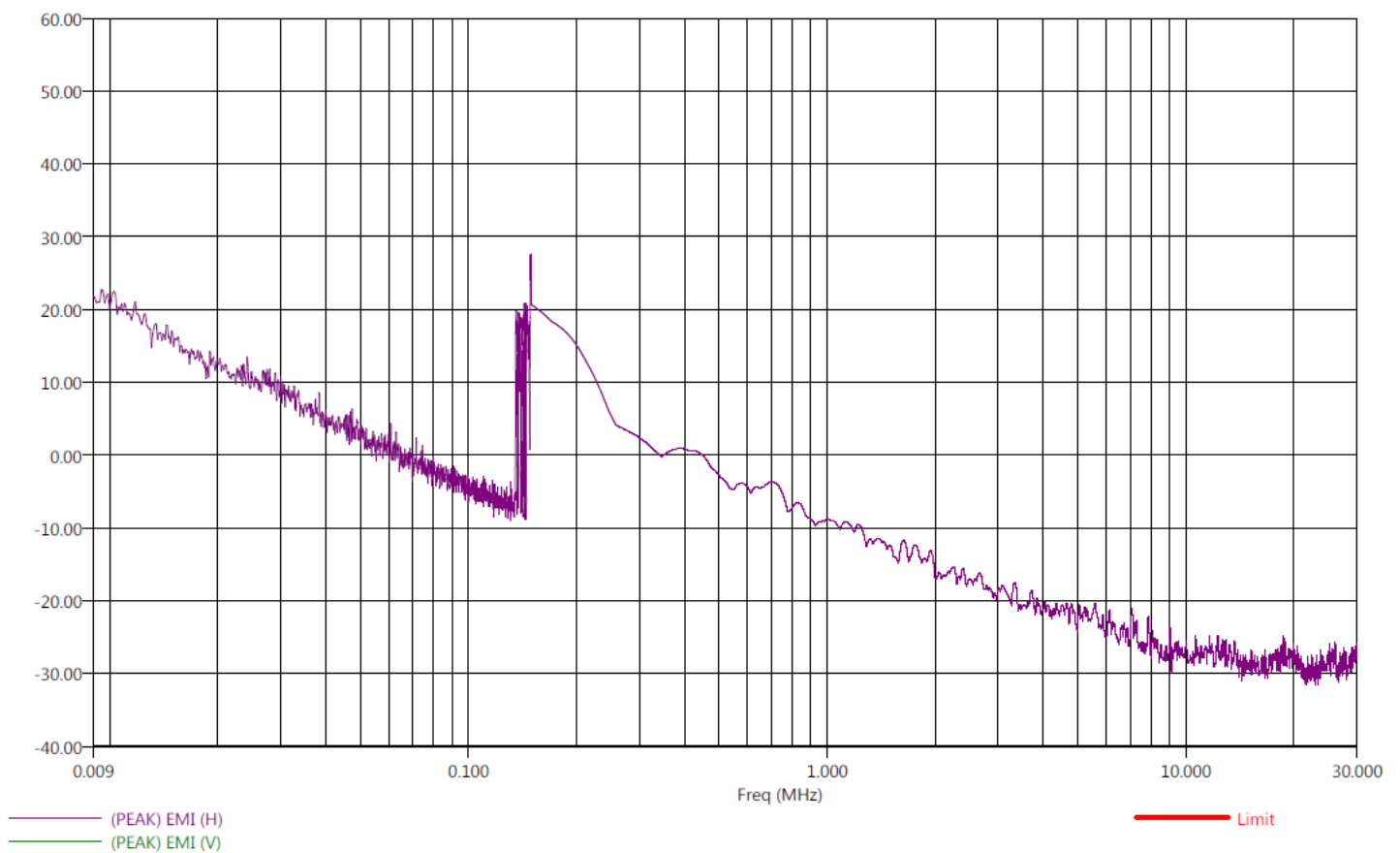
Freq (MHz)	(AVG) Margin AVL (dB)	(QP) Margin QPL (dB)	(AVG) EMI (dBuV)	(QP) EMI (dBuV)	(PEAK) EMI (dBuV)	(AVG) Limit (dBuV)	(QP) Limit (dBuV)	Transducer (dB)	Cable(dB)
0.19	-36.32	-39.44	17.69	24.57	28.77	54.01	64.01	0.33	0.17
0.20	-36.30	-39.50	17.15	23.95	28.11	53.45	63.45	0.30	0.15
0.29	-36.11	-39.33	14.36	21.14	25.36	50.47	60.47	0.12	0.13
0.43	-34.98	-38.14	11.94	18.78	22.77	46.92	56.92	0.02	0.11
0.63	-35.36	-38.46	10.64	17.54	22.23	46.00	56.00	0.03	0.11
0.74	-35.71	-38.87	10.29	17.13	21.08	46.00	56.00	0.03	0.12

Test title: FCC Part 18
File: 01-Radiated Pre - Scan 9kHz - 30MHz
Operator name: Howard Huang
EUT type: Wireless Charger
EUT condition: The EUT is in constantly charging SST4A.01
Notes: Company: Shooters Global
Temp: 68f
Hum:40%
120V 60Hz

3/29/2021 10:58:47 AM
Sequence: Preliminary Scan

Compatible Electronics, Inc. FAC- 3 (LAB R)

Magnetic Field Strength (dBuA/m)



Fundamental Frequency



This graph represents the EUT is transmitting within the frequency range declared by the manufacture