COMPATIBLE ELECTRONICS

FCC PART 15, SUBPART B and C; and FCC SECTION 15.247
TEST REPORT

for

WEARABLE DISPLAY

Model: eBling

Prepared for

ELECTRON MINT LLC
17525 COMMUNITY STREET
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GENERAL REPORT SUMMARY

This electromagnetic emission test 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 without the written permission of Compatible Electronics, unless done so in full.

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:	Wearable Display Model: eBling S/N: N/A
Product Description:	The equipment under test is a wearable display with BLE connectivity. Clock Frequencies: 32.768 kHz, 16 MHz and 96 MHz. Dimensions (LxWxH): 2.3 in. x 2.3 in x 0.55 in.
Modifications:	The EUT was not modified in order to meet the specifications.
Customer:	Electron Mint LLC 17525 Community Street Northridge, California 91325
Test Dates:	January 23, 24 and 25, 2023

Test Specification covered by accreditation:

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Test Specifications:	Emissions requirements CFR Title 47, Part 15, Subpart B; and Subpart C, sections 15.205, 15.207, 15.209, and 15.247
Test Procedures:	ANSI C63.4 and ANSI C63.10
Test Deviations:	The test procedure was not deviated from during the testing.

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SUMMARY OF TEST RESULTS

TEST	DESCRIPTION	RESULTS
1	Conducted RF Emissions, 150 kHz - 30 MHz	Complies with the **Class B** limits of CFR Title 47, Part 15 Subpart B; the limits of CFR Title 47, Part 15, and Subpart C, section 15.207 See section 6.3 for Measurement Uncertainty
2	Radiated RF Emissions, 9 kHz – 25000 MHz	Complies with the **Class B** limits of CFR Title 47, Part 15, Subpart B; and the limits of CFR Title 47, Part 15 Subpart C, 15.205, 15.209 and 15.247 (d) See section 6.3 for Measurement Uncertainty
3	DTS Bandwidth	Complies with the relevant requirements of CFR Title 47, Part 15, Subpart C, section 15.247 (a)(2)
4	Peak Output Power	Complies with the relevant requirements of FCC Title 47, Part 15, Subpart C, section 15.247 (b)(3)
5	RF Band Edges	Complies with the relevant requirements of FCC Title 47, Part 15, Subpart C, section 15.247 (d)
6	Spectral Density	Complies with the relevant requirements of FCC Title 47, Part 15, Subpart C, section 15.247 (e)

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1. PURPOSE

This document is a qualification test report based on the emissions tests performed on the Wearable Display, Model: eBling (EUT). The emissions measurements were performed according to the measurement procedure described in ANSI C 63.4 and ANSI C 63.10. The tests were performed in order to determine whether the electromagnetic emissions from the equipment under test, referred to as EUT hereafter, are within the **Class B** specification limits defined by CFR Title 47, Part 15, Subpart B; and Subpart C, sections 15.205, 15.207, 15.209, and 15.247.

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.

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2. ADMINISTRATIVE DATA

2.1 Location of Testing

The emissions tests described herein were performed at the test facility of Compatible Electronics, 114 Olinda Drive, Brea, California 92823.

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

Electron Mint LLC

Nathan Cook Partner

Compatible Electronics Inc.

Kyle Fujimoto Sr. Test Engineer
James Ross Sr. Test Engineer

2.4 Date Test Sample was Received

The test sample was received prior to initial date of testing. Received as defined in product description.

2.5 Disposition of the Test Sample

The test sample has not been returned to Electron Mint LLC as of the date of this test report.

2.6 Abbreviations and Acronyms

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

EMI	Electromagnetic Interference
EUT	Equipment Under Test
P/N	Part Number
S/N	Serial Number
ITE	Information Technology Equipment
DoC	Declaration of Conformity
FCC	Federal Communications Commission
ID	Identification
N/A	Not Applicable
Tx	Transmit
Rx	Receive
Inc.	Incorporated
RF	Radio Frequency
GND	Ground
LED	Light Emitting Diode

3. APPLICABLE DOCUMENTS

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

SPEC	TITLE
FCC Title 47, Part 15 Subpart C	FCC Rules – Radio frequency devices (including digital devices) – Intentional Radiators
FCC Title 47, Part 15 Subpart B	FCC Rules – Radio frequency devices (including digital devices) – Unintentional Radiators
558074 D01 DTS Meas Guidance v05r02	Guidance for Performing Compliance Measurements on Digital Transmissions Systems (DTS) Operating Under Section 15.247
EN 50147-2: 1997	Anechoic chambers. Alternative test site suitability with respect to site attenuation
ANSI C63.4: 2014	American National Standard for Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz
ANSI C63.10: 2013	American National Standard for Testing Unlicensed Wireless Devices

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4. DESCRIPTION OF TEST CONFIGURATION

The Wearable Display, Model: eBling (EUT) was tested and connected as shown in the two modes below:

- Battery Powered Mode

  The EUT was tested as a stand-alone device and was powered by an internal 4.2 VDC battery.

- AC Powered and Charging Mode

  The EUT was tested while connected to an accessory AC adapter that delivered 5 VDC to the EUT via a USB Type 'A' to USB Type 'C' cable that is provided with the EUT. This provided cable also charges the EUT's internal 4.2 VDC battery when connected to an AC adapter.

The EUT was continuously transmitting at 2402 MHz in battery mode and AC mode during spurious emissions testing (worst case).

The EUT was tested for emissions while in the X, Y, and Z axis. The X orientation is when the EUT is parallel to the ground mounted horizontally. The Y orientation is when the EUT is perpendicular to the ground mounted vertically. The Z orientation is when the EUT is perpendicular to the ground mounted horizontally.

The firmware inside the EUT to continuously transmit at the low, middle, and high during the intentional radiator tests.

The firmware is stored on the company's servers.

The radiated and conducted 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. The cables were bundled and routed as shown in the photographs in Appendix D.

4.1.1 Cable Construction and Termination

Cable 1 This is a 6-inch braid shielded cable connecting the EUT to the accessory AC Adapter. The cable has a USB Type 'A' connector at the AC Adapter end and USB Type 'C' connector at the EUT end. The shield of the cable was grounded to the chassis via the connectors.

5. LISTS OF EUT, ACCESSORIES AND TEST EQUIPMENT

5.1 EUT and Accessory List

EQUIPMENT	MANUFACTURER	MODEL NUMBER	SERIAL NUMBER	FCC ID
WEARABLE DISPLAY (EUT)	ELECTRON MINT LLC	eBLING	N/A	2A7E4-EM2301
AC ADAPTER (ACCESSORY)	APPLE	A1385	N/A	N/A
FIRMWARE	ELECTRON MINT LLC	Version 23.01.24.1326	N/A	
LAPTOP*	FRAMEWORK	N/A	N/A	N/A
PROGRAMMING BOARD*	ELECTRON MINT LLC	N/A	N/A	N/A
PROGRAMMING SOFTWARE*	DIALOG SEMICONDUCTOR	DIALOG SMART SNIPPETS TOOLBOX	VERSION 5.0.18.4016	N/A
USB TO USB CABLE*	GENERIC	N/A	N/A	N/A

*Only used to program the EUT to continuously transmit at the low, middle, and high channels (not used during testing)

5.2 Emissions Test Equipment

EQUIPMENT TYPE	MANU-FACTURER	MODEL NUMBER	SERIAL NUMBER	CAL. DATE	CAL. DUE DATE
RF RADIATED AND AC CONDUCTED EMISSIONS TEST EQUIPMENT					
TDK TestLab	TDK RF Solutions, Inc.	9.22	700145	N/A	N/A
EMI Receiver, 20 Hz – 26.5 GHz	Keysight Technologies, Inc.	N9038A	MY51210510	September 17, 2021	September 17, 2023
System Controller	Sunol Sciences Corporation	SC110V	112213-1	N/A	N/A
Turntable	Sunol Sciences Corporation	2011VS	N/A	N/A	N/A
Antenna-Mast	Sunol Sciences Corporation	TWR95-4	112213-3	N/A	N/A
Loop Antenna	Com-Power	AL-130R	121090	February 10, 2022	February 10, 2025
CombiLog Antenna	Com-Power	AC-220	61093	December 14, 2021	December 14, 2023
Preamplifier	Com-Power	PA-840	711013	April 8, 2022	April 8, 2024
Horn Antenna	Com-Power	AH-826	71957	N/A	N/A
Horn Antenna	Com-Power	AH-118	10050113	December 16, 2021	December 16, 2023
Preamplifier	Com-Power	PA-118	181653	March 7, 2022	March 7, 2023
Computer	Hewlett Packard	p6716f	MXX1030PX0	N/A	N/A
LISN (EUT)	Com-Power	LI-215A	191951	August 16, 2022	August 16, 2023
Attenuator 10 dB	SureCall	SC-ATT-10	17100025	December 2, 2022	December 2, 2023
Multimeter	Fluke	115	36601149WS	November 21, 2021	November 21, 2023
Variable Autotransformer	Staco Energy Products	3PN2210	003	N/A	N/A
LCD Monitor	Hewlett Packard	52031a	3CQ046N3MG	N/A	N/A

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6. TEST SITE DESCRIPTION

6.1 Test Facility Description

Please refer to section 2.1 of this report for emissions test location.

6.2 EUT Mounting, Bonding and Grounding

For frequencies 1 GHz and below: The EUT was mounted on a 0.6 by 1.2 meter non-conductive table 0.8 meters above the ground plane.

For frequencies above 1 GHz: The EUT was mounted on a 0.6 by 1.2 meter non-conductive table 1.5 meters above the ground plane.

For conducted AC emissions: The EUT was mounted on a 0.6 by 1.2 meter non-conductive table 0.8 meters above the ground plane.

The EUT was not grounded.

6.3 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.

The uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level, using a coverage factor of k=2

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

Measurement		U_{cispr}	U_{lab} = 2uc(y)
Conducted disturbance (mains port)	(150 kHz – 30 MHz)	3.4 dB	2.72 dB
Radiated disturbance (electric field strength on an open area test site or alternative test site)	(30 MHz – 1,000 MHz)	6.3 dB	3.32 dB (Vertical) 3.30 dB (Horizontal)
Radiated disturbance (electric field strength on an open area test site or alternative test site)	(1 GHz – 6 GHz)	5.2 dB	4.06 dB
Radiated disturbance (electric field strength on an open area test site or alternative test site)	(6 GHz – 18 GHz)	5.5 dB	4.06 dB
Radiated disturbance (electric field strength on an open area test site or alternative test site)	(18 GHz – 26 GHz)	N/A	4.43 dB
Radiated disturbance (electric field strength on an open area test site or alternative test site)	(26.5 GHz – 40 GHz)	N/A	4.57 dB

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7. CHARACTERISTICS OF THE TRANSMITTER

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

7.1 Channel Number and Frequencies

The EUT uses a total of 40 channels.

The low channel is 2402 MHz
The middle channel is 2440 MHz
The high channel is 2480 MHz

7.2 Antenna

The EUT utilized the following antenna:

A PCB chip mounted antenna – Peak Gain: 0.5 dBi

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8. TEST PROCEDURES

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

8.1 RF Emissions

8.1.1 Conducted Emissions Test

The EMI Receiver was used as a measuring meter. A quasi-peak and/or average reading was taken only where indicated in the data sheets. A 10 dB attenuator used for the protection of the EMI Receiver input stage, and the offset was adjusted accordingly to read the actual data measured. The LISN output was measured using the EMI Receiver. The output of the second LISN was terminated by a 50-ohm termination. The effective measurement bandwidth used for this 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 63:4. The excess power cord was wrapped in a figure eight pattern to form a bundle not exceeding 0.4 meters in length.

The conducted emissions from the EUT were maximized for operating mode as well as cable placement. The final data was collected under program control by computer software. The final qualification data is located in Appendix E.

Test Results:

The EUT complies with the **Class B** limits of CFR Title 47, Part 15 Subpart B; the limits of CFR Title 47, Part 15, Subpart C, section 15.207 for conducted emissions.

8.1.2 Radiated Emissions Test

The EMI Receiver was used as the measuring meter. Above 1000 MHz, preamplifiers were used to increase the sensitivity of the instrument. The EMI Receiver was initially used with the Analyzer mode feature activated. 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, 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.

The frequencies below 1 GHz were quasi-peaked using the quasi-peak detector of the EMI Receiver.

The frequencies above 1 GHz were averaged using the RMS average function of the EMI Receiver.

The EMI test chamber of Compatible Electronics, Inc. was used for radiated emissions testing. This test site is in full compliance with ANSI C63.4 and ANSI C63.10. 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 in order 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 gunsight method was used when measuring with the horn antenna in order to ensure accurate results.

The EUT was tested at a 3-meter test distance. The six highest emissions are listed in Table 1.

The measurement bandwidths and transducers used for the radiated emissions test were:

FREQUENCY RANGE	EFFECTIVE MEASUREMENT BANDWIDTH	TRANSDUCER
9 kHz to 150 kHz	200 Hz	Loop Antenna
150 kHz to 30 MHz	9 kHz	Loop Antenna
30 MHz to 1 GHz	120 kHz	CombiLog Antenna
1 GHz to 25 GHz	1 MHz	Horn Antenna

Test Results:

The EUT complies with the **Class B** limits of CFR Title 47, Part 15, Subpart B; the limits of CFR Title 47, Part 15, Subpart C, sections 15.205, 15.209 and 15.247 for radiated emissions.

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8.1.3 RF Emissions Test Results

Table 1 CONDUCTED EMISSION RESULTS
Wearable Display
Model: eBling

Frequency (MHz)	Average Emission Level* (dBµV/m)	Average Specification Limit (dBµV/m)	Delta (Emission Level – Spec Limit) (dB)
0.454 (BL) (Worst case Tx @ 2402 MHz)	28.29	46.68	-18.39
0.386 (BL) (Worst case Tx @ 2402 MHz)	29.29	47.96	-18.67
0.330 (WL) (Worst case Tx @ 2402 MHz)	30.65	49.36	-18.71
0.374 (BL) (Worst case Tx @ 2402 MHz)	29.40	48.13	-18.73
0.234 (BL) (Worst case Tx @ 2402 MHz)	32.92	51.89	-18.97
0.186 (BL) (Worst case Tx @ 2402 MHz)	34.64	53.74	-19.10

Table 2 RADIATED EMISSION RESULTS
Wearable Display
Model: eBling

Frequency (MHz)	EMI Reading (dBµV/m)	Specification Limit (dBµV/m)	Delta (EMI Reading – Spec. Limit) (dB)
12200 (V) (Middle Channel) (Z-Axis) (AC Mode)	37.07	53.97	-16.90
4960 (H) (High Channel) (Y-Axis) (Battery Mode)	36.91	53.97	-17.06
7320 (V) (Middle Channel) (Z-Axis) (AC Mode)	36.88	53.97	-17.09
4880 (V) (Middle Channel) (Y-Axis) (AC Mode)	36.78	53.97	-17.19
12010 (H) (Low Channel) (Z-Axis) (AC Mode)	36.57	53.97	-17.40
12400 (V) (High Channel) (Y-Axis) (AC Mode)	36.55	53.97	-17.42

Notes: * The complete emissions data is given in Appendix E of this report.
(BL) Black Lead
(WL) White Lead
(V) Vertical
(H) Horizontal
Tx Transmit

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8.1.4 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 (μV/m) log x 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 x 40 = distance factor

For measurements above 30 MHz: (Specification distance / test distance) log x 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.

8.2 DTS Bandwidth

The DTS Bandwidth was measured using the EMI Receiver. The following steps were performed for measuring the DTS Bandwidth.

1. Set RBW = 100 kHz
2. Set the video bandwidth (VBW) to equal or greater than 3 times the RBW
3. Detector = Peak
4. Trace Mode = Max Hold
5. Sweep = Auto Couple
6. Allow the trace to stabilize
7. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

Test Results:

The EUT complies with the relevant requirements of FCC Title 47, Part 15, Subpart C section 15.247 (a)(2).

8.3 Maximum Peak Conducted Output Power

The Maximum Peak Conducted Output Power was measured using the EMI Receiver. The Maximum Peak Conducted Output Power was measured using the procedure described in section 11.9.1.1 of ANSI C63.10. The Maximum Peak Conducted Output Power was then taken. The following steps were performed for measuring the Maximum Peak Conducted Output Power.

1. Set the RBW ≥ DTS bandwidth
2. Set VBW ≥ [3 x RBW]
3. Set span ≥ [3 x RBW]
4. Sweep time = auto couple
5. Detector = peak
6. Trace mode = max hold
7. Allow trace to fully stabilize
8. Use peak marker function to determine the peak amplitude level

Test Results:

The EUT complies with the relevant requirements of FCC Title 47, Part 15, Subpart C section 15.247 (b)(3)

8.4 Emissions in Non-restricted Frequency Bands

The emissions in the non-restricted frequency bands measurements were performed using the EMI receiver directly connected to the EUT. The reference level was established by setting the instrument center frequency to the DTS channel center frequency. The span was set to $\geq$ 1.5 times the DTS bandwidth. The RBW was set to 100 kHz and the VBW was set to 300 kHz. A peak detector was used with sweep set to auto. A max hold trace was used and allowed to fully stabilize. The peak marker function was used to determine the reference level. For emission level measurement, the center frequency and span were set to encompass the frequency range to be measured. The RBW was set to 100 kHz and the VBW was set to 300 kHz. A peak detector was used with a sweep time set to auto. The number of measurement points were greater than the span/RBW. A max hold trace was used and allowed to fully stabilize. The peak marker function was used to determine the maximum amplitude level. The final qualification data sheets are located in Appendix E.

Test Results:

The EUT complies with the relevant requirements of FCC Title 47, Part 15, Subpart C section 15.247 (d).

8.5 RF Band Edges

The RF band edges were taken at 2390 MHz when the EUT was on the low channel and 2483.5 MHz when the EUT was on the high channel using the EMI Receiver. A preamplifier was used to boost the signal level, with the plots being taken at a 3 meter test distance. The radiated emissions test procedure as describe in section 8.1.2 of this test report was used to maximize the emission.

Test Results:

The EUT complies with the relevant requirements of FCC Title 47, Part 15, Subpart C section 15.247 (d). The RF power at the restricted bands closest to the band edges at 2390 MHz and 2483.5 MHz also meet the limits of section 15.209. Please see the data sheets located in Appendix E.

8.6 Spectral Density Test

The spectrum density output was measured using the EMI Receiver. The spectral density output was measured using a direct connection from the RF out on the EUT into the input of the EMI Receiver. The following steps were performed for measuring the spectral density.

1. Set analyzer center frequency to DTS channel center frequency
2. Set the span to 1.5 times the OBW.
3. Set the RBW to 3 kHz ≤ RBW ≤ 100 kHz
4. Set the VBW ≥ [3 X RBW]
5. Detector = peak
6. Sweep time = auto couple
7. Trace mode = max hold
8. Allow the trace to fully stabilize.
9. Use the peak marker function to determine the maximum amplitude level within the RBW
10. If measured value exceeds limit, reduce RBW (no less than 3 kHz) and repeat.

Test Results:

The EUT complies with the relevant requirements of FCC Title 47, Part 15, Subpart C section 15.247 (e).

8.7 Variation of the Input Power

The variation of the input power test was performed using the EMI Receiver. The EUT input power was varied between 85 % and 115 % of the nominal rated supply voltage. The carrier frequency was monitored for any change in amplitude.

Test Results:

The EUT complies with the relevant requirements of FCC Title 47, Part 15, Subpart A section 15.31 (e). The variation of the input voltage was varied from 85 % to 115 % and did not change the amplitude nor the frequency of the fundamental emissions.

9. CONCLUSIONS

The Wearable Display, Model: eBling (EUT), as tested, meets all of the specification limits defined in CFR Title 47, Part 15, Subpart B; and Subpart C, sections 15.205, 15.207, 15.209, and 15.247.

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APPENDIX A

LABORATORY ACCREDITATIONS AND RECOGNITIONS

LABORATORY ACCREDITATIONS AND RECOGNITIONS

NVLAP TESTING
NVLAP LAB CODE 200528-0

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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"

ISED Test Site Registration Number: 2154A

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APPENDIX B

MODIFICATIONS TO THE EUT

MODIFICATIONS TO THE EUT

The modifications listed below were made to the EUT to pass FCC Subpart B and FCC 15.247 specifications.

All the rework described below was implemented during the test in a method that could be reproduced in all the units by the manufacturer.

No modifications were made to the EUT during the testing.

COMPATIBLE ELECTRONICS

APPENDIX C

MODELS COVERED UNDER THIS REPORT

MODELS COVERED UNDER THIS REPORT

USED FOR THE PRIMARY TEST	Wearable Display Model: eBling S/N: N/A

There are no additional models covered under this report.

APPENDIX D

DIAGRAMS AND CHARTS

FIGURE 1: CONDUCTED EMISSIONS TEST SETUP

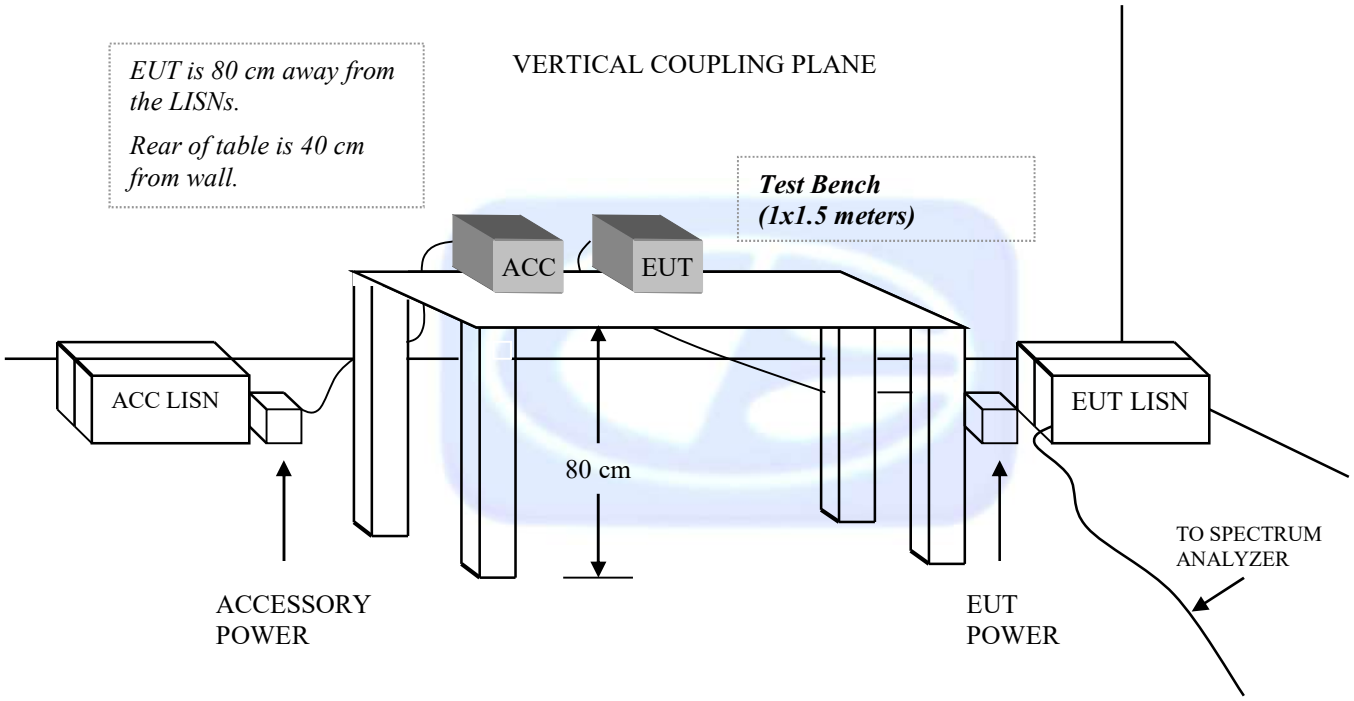
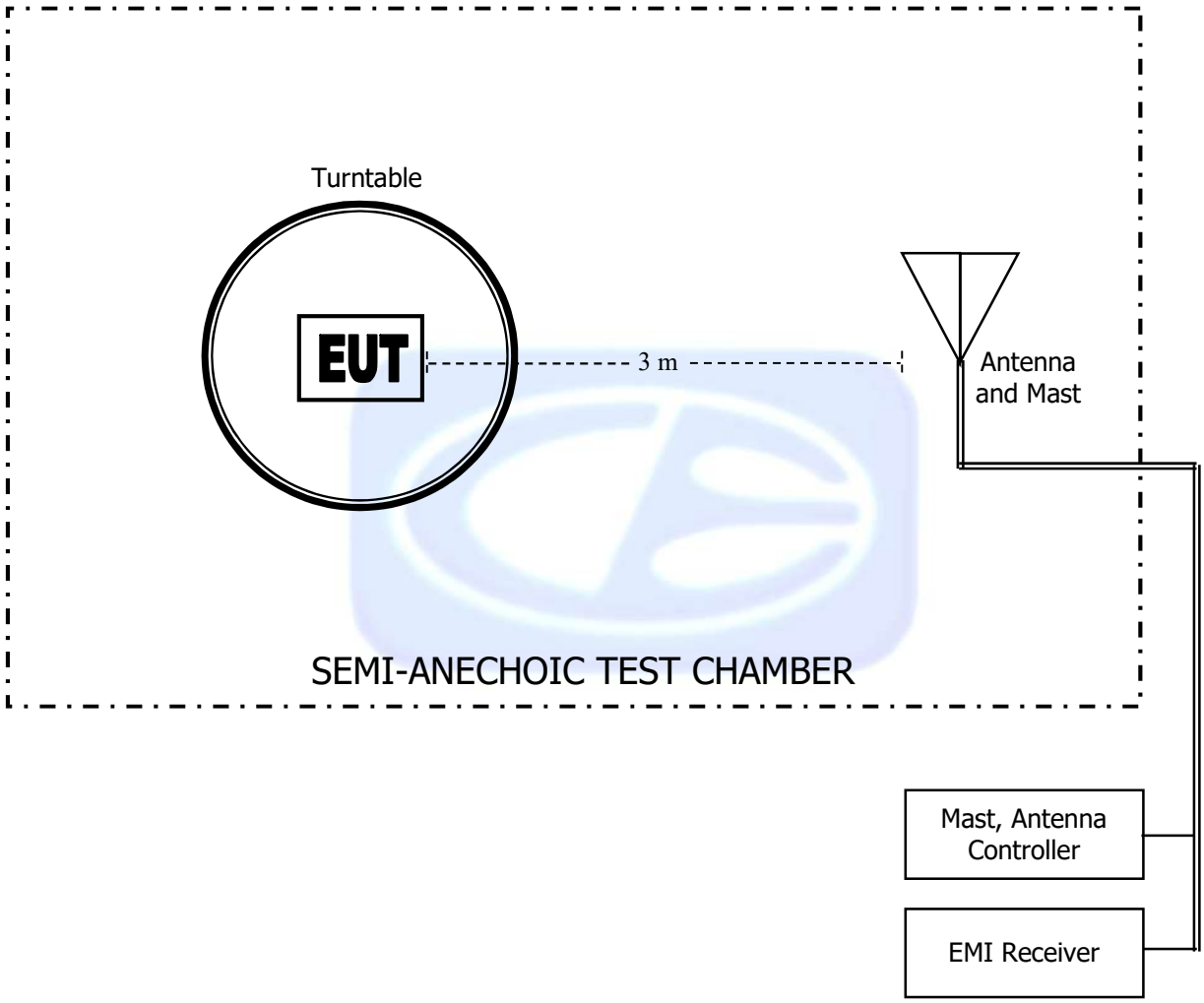


FIGURE 2: LAYOUT OF THE SEMI-ANECHOIC TEST CHAMBER



COMPATIBLE ELECTRONICS

COM-POWER AL-130R

LOOP ANTENNA

S/N: 121090

CALIBRATION DATE: FEBRUARY 10, 2022

FREQUENCY (MHz)	MAGNETIC (dB/m)	ELECTRIC (dB/m)
0.009	15.6	-35.8
0.01	15.8	-35.6
0.02	14.8	-36.6
0.03	15.6	-35.9
0.04	15.0	-36.5
0.05	14.4	-37.1
0.06	14.6	-36.9
0.07	14.3	-37.2
0.08	14.3	-37.2
0.09	14.4	-37.0
0.10	14.1	-37.4
0.20	14.1	-37.4
0.30	14.0	-37.5
0.40	13.9	-37.6
0.50	14.1	-37.3
0.60	14.1	-37.3
0.70	14.2	-37.3
0.80	14.2	-37.3
0.90	14.2	-37.2
1.00	14.4	-37.0
2.00	14.6	-36.9
3.00	14.6	-36.8
4.00	14.9	-36.6
5.00	14.9	-36.7
6.00	14.8	-36.7
7.00	14.6	-36.8
8.00	14.5	-37.0
9.00	14.3	-37.2
10.00	14.5	-37.0
11.00	14.6	-36.9
12.00	14.7	-36.7
13.00	14.9	-36.6
14.00	15.0	-36.5
15.00	14.9	-36.6
16.00	14.9	-36.6
17.00	14.6	-36.8
18.00	14.4	-37.1
19.00	14.5	-37.0
20.00	14.5	-37.0
21.00	14.2	-37.3
22.00	13.9	-37.5
23.00	13.9	-37.5
24.00	13.8	-37.7
25.00	13.4	-38.0
26.00	13.2	-38.2
27.00	13.2	-38.3
28.00	12.7	-38.7
29.00	12.7	-38.8
30.00	12.4	-39.0

COMPATIBLE ELECTRONICS

COM-POWER AC-220

COMBILOG ANTENNA

S/N: 61093

CALIBRATION DATE: DECEMBER 14, 2021

FREQUENCY (MHz)	FACTOR (dB)	FREQUENCY (MHz)	FACTOR (dB)
30	22.50	200	16.00
35	21.40	250	17.40
40	21.00	300	19.70
45	20.60	350	20.00
50	19.70	400	22.20
60	16.10	450	22.40
70	12.80	500	23.10
80	12.50	550	23.40
90	14.20	600	24.90
100	15.40	650	25.30
120	16.50	700	25.40
125	16.80	750	26.40
140	15.90	800	26.70
150	16.60	850	27.10
160	18.50	900	27.90
175	15.90	950	28.00
180	15.50	1000	28.00

COMPATIBLE ELECTRONICS

COM POWER AH-118

HORN ANTENNA

S/N: 10050113

CALIBRATION DATE: DECEMBER 16, 2021

FREQUENCY (GHz)	FACTOR (dB)	FREQUENCY (GHz)	FACTOR (dB)
1.0	23.86	10.0	38.91
1.5	25.67	10.5	39.94
2.0	28.25	11.0	39.10
2.5	29.17	11.5	39.70
3.0	29.78	12.0	40.29
3.5	30.88	12.5	41.93
4.0	31.21	13.0	41.34
4.5	32.96	13.5	40.57
5.0	33.30	14.0	40.23
5.5	34.24	14.5	42.25
6.0	34.57	15.0	43.63
6.5	35.61	15.5	39.96
7.0	36.60	16.0	40.38
7.5	37.49	16.5	40.56
8.0	37.44	17.0	40.93
8.5	37.98	17.5	42.27
9.0	38.01	18.0	43.77
9.5	38.53		

COMPATIBLE ELECTRONICS

COM-POWER AH-826

HORN ANTENNA

S/N: 71957

FREQUENCY (GHz)	FACTOR (dB)	FREQUENCY (GHz)	FACTOR (dB)
18.0	33.5	22.5	35.5
18.5	33.5	23.0	35.9
19.0	34.0	23.5	35.7
19.5	34.0	24.0	35.6
20.0	34.3	24.5	36.0
20.5	34.9	25.0	36.2
21.0	34.7	25.5	36.1
21.5	35.0	26.0	36.2
22.0	35.0	26.5	35.7

COMPATIBLE ELECTRONICS

COM-POWER PA-118

PREAMPLIFIER

S/N: 181653

CALIBRATION DATE: MARCH 7, 2022

FREQUENCY (GHz)	FACTOR (dB)	FREQUENCY (GHz)	FACTOR (dB)
1.0	40.02	6.0	38.84
1.1	39.72	6.5	39.20
1.2	39.93	7.0	39.46
1.3	39.98	7.5	39.67
1.4	39.99	8.0	39.28
1.5	40.20	8.5	38.63
1.6	40.05	9.0	38.96
1.7	40.15	9.5	39.33
1.8	40.20	10.0	39.58
1.9	40.33	11.0	38.25
2.0	40.33	12.0	40.03
2.5	40.60	13.0	40.55
3.0	40.76	14.0	40.36
3.5	40.87	15.0	39.34
4.0	40.39	16.0	37.34
4.5	39.55	17.0	42.14
5.0	40.34	18.0	42.54
5.5	39.45		

COMPATIBLE ELECTRONICS

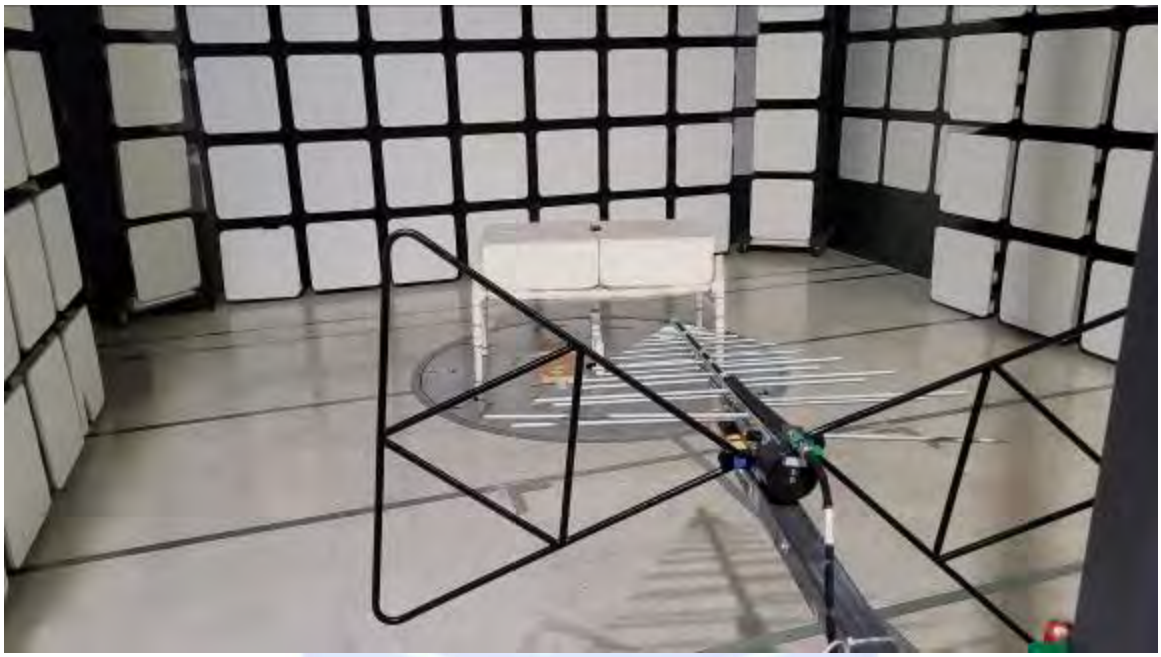
COM-POWER PA-840

MICROWAVE PREAMPLIFIER

S/N: 711013

CALIBRATION DATE: APRIL 8, 2022

FREQUENCY (GHz)	FACTOR (dB)
18.0	24.85
19.0	24.25
20.0	22.69
21.0	22.17
22.0	22.78
23.0	23.23
24.0	23.72
25.0	24.13
26.0	24.28
26.5	25.06

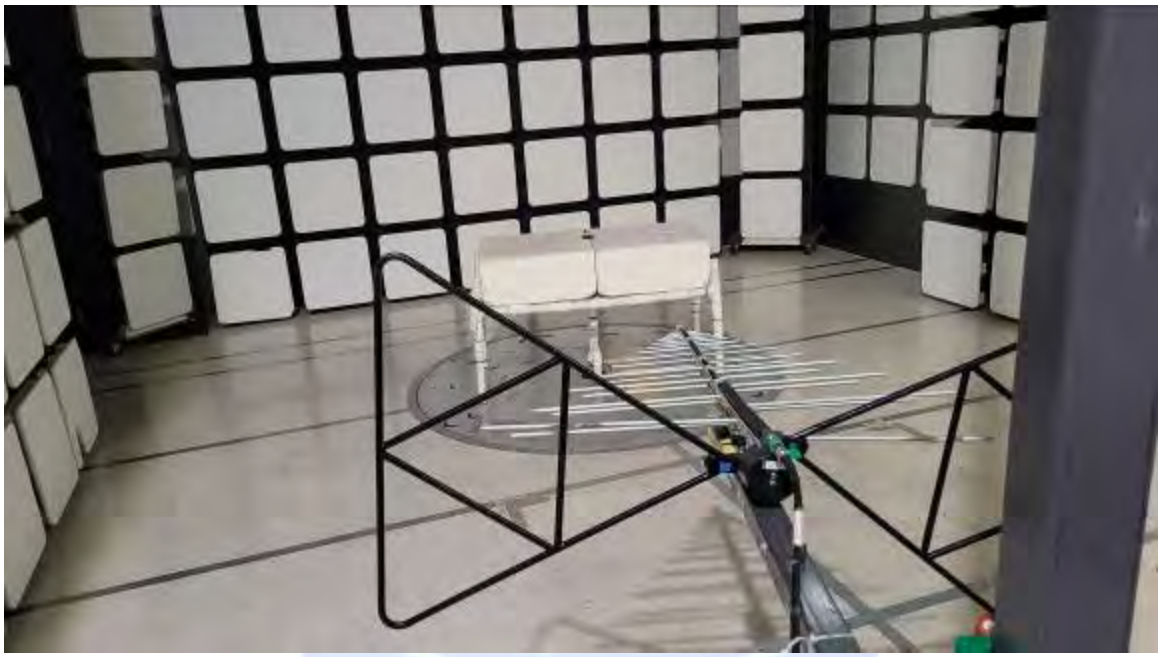


FRONT VIEW

BATTERY POWERED MODE

ELECTRON MINT LLC
WEARABLE DISPLAY
MODEL: eBLING
FCC SUBPART B AND C – RADIATED EMISSIONS – BELOW 1 GHz

PHOTOGRAPH SHOWING THE EUT CONFIGURATION FOR MAXIMUM EMISSIONS

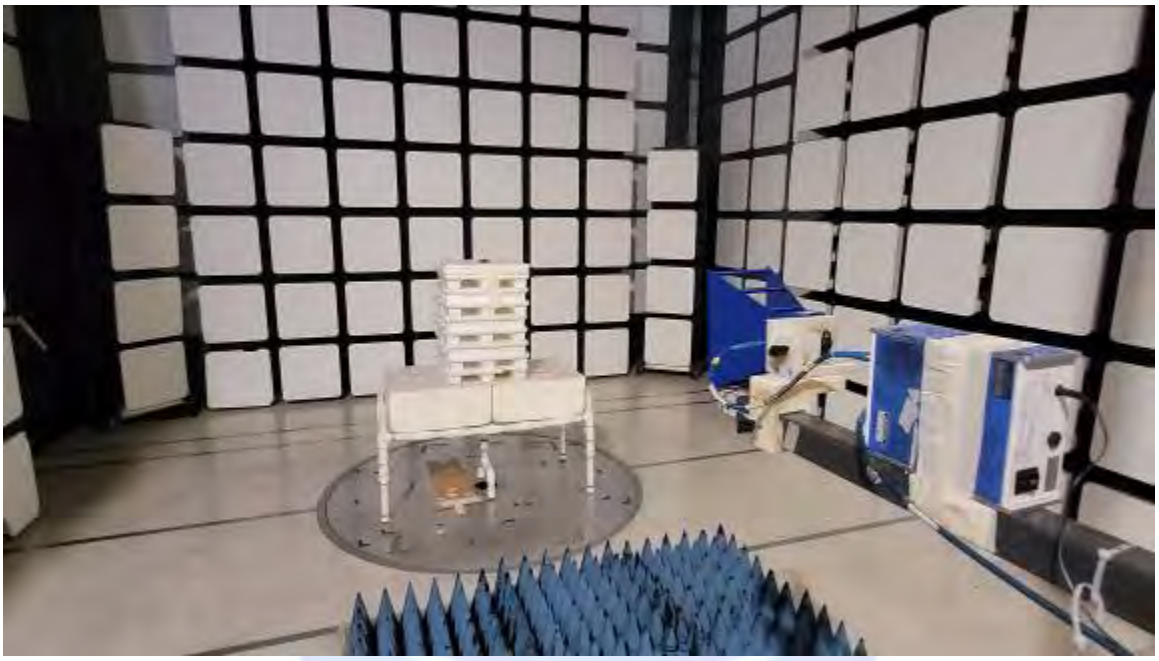


REAR VIEW

BATTERY POWERED MODE

ELECTRON MINT LLC
WEARABLE DISPLAY
MODEL: eBLING
FCC SUBPART B AND C – RADIATED EMISSIONS – BELOW 1 GHz

PHOTOGRAPH SHOWING THE EUT CONFIGURATION FOR MAXIMUM EMISSIONS

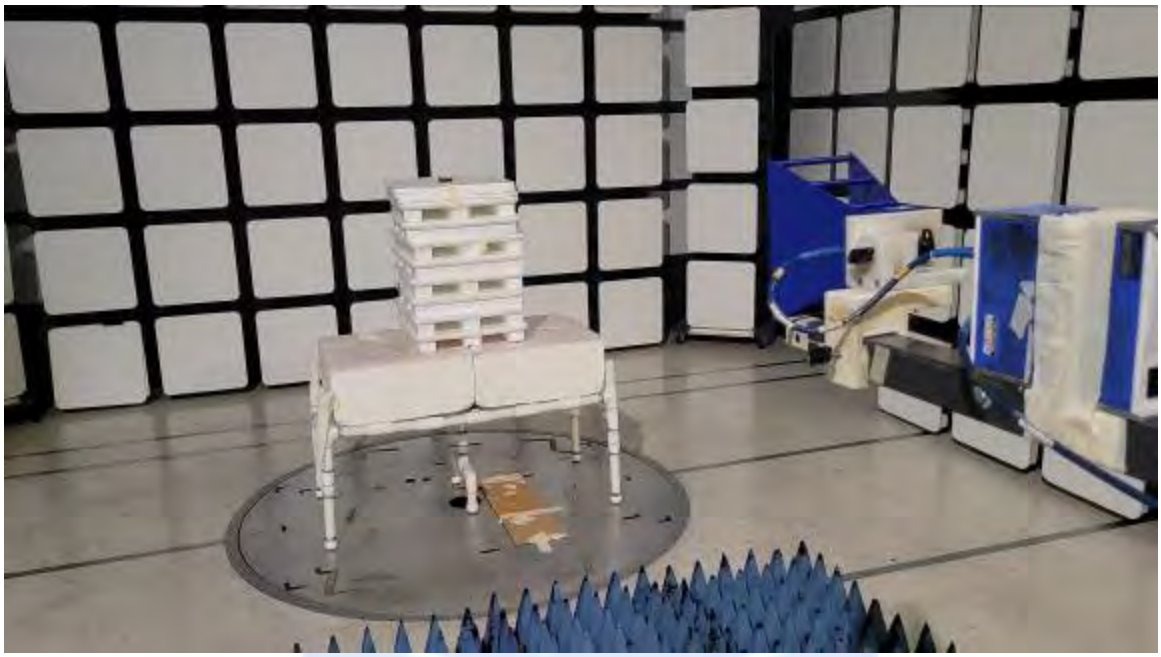


FRONT VIEW

BATTERY POWERED MODE

ELECTRON MINT LLC
WEARABLE DISPLAY
MODEL: eBLING
FCC SUBPART B AND C – RADIATED EMISSIONS – ABOVE 1 GHz

PHOTOGRAPH SHOWING THE EUT CONFIGURATION FOR MAXIMUM EMISSIONS

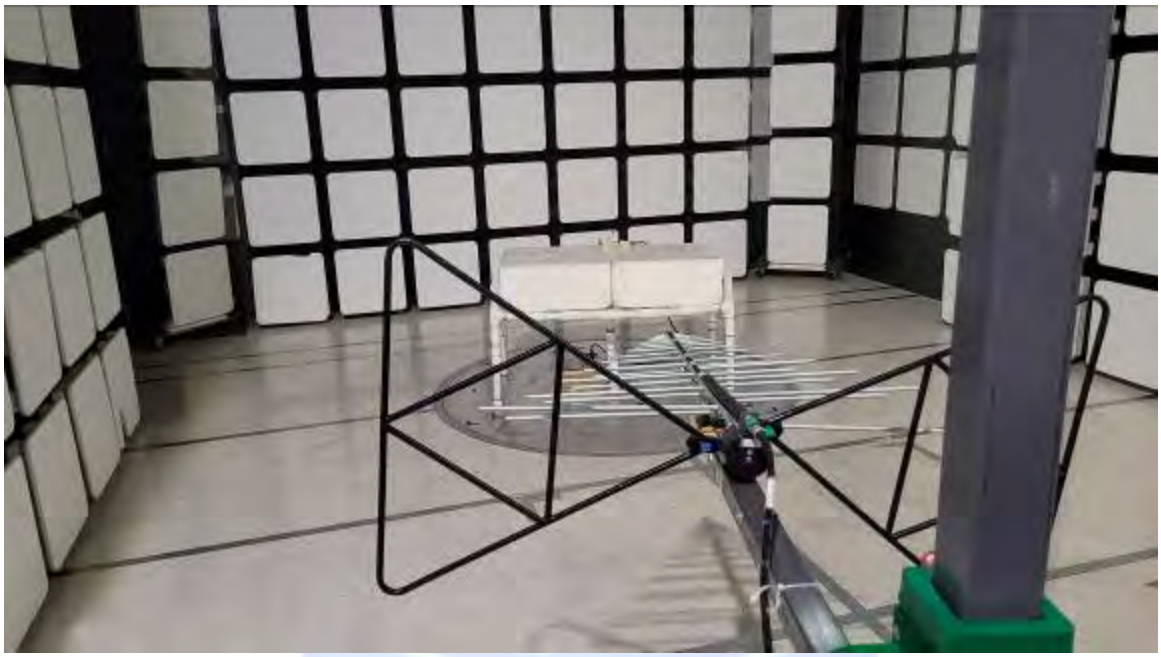


REAR VIEW

BATTERY POWERED MODE

ELECTRON MINT LLC
WEARABLE DISPLAY
MODEL: eBLING
FCC SUBPART B AND C – RADIATED EMISSIONS – ABOVE 1 GHz

PHOTOGRAPH SHOWING THE EUT CONFIGURATION FOR MAXIMUM EMISSIONS

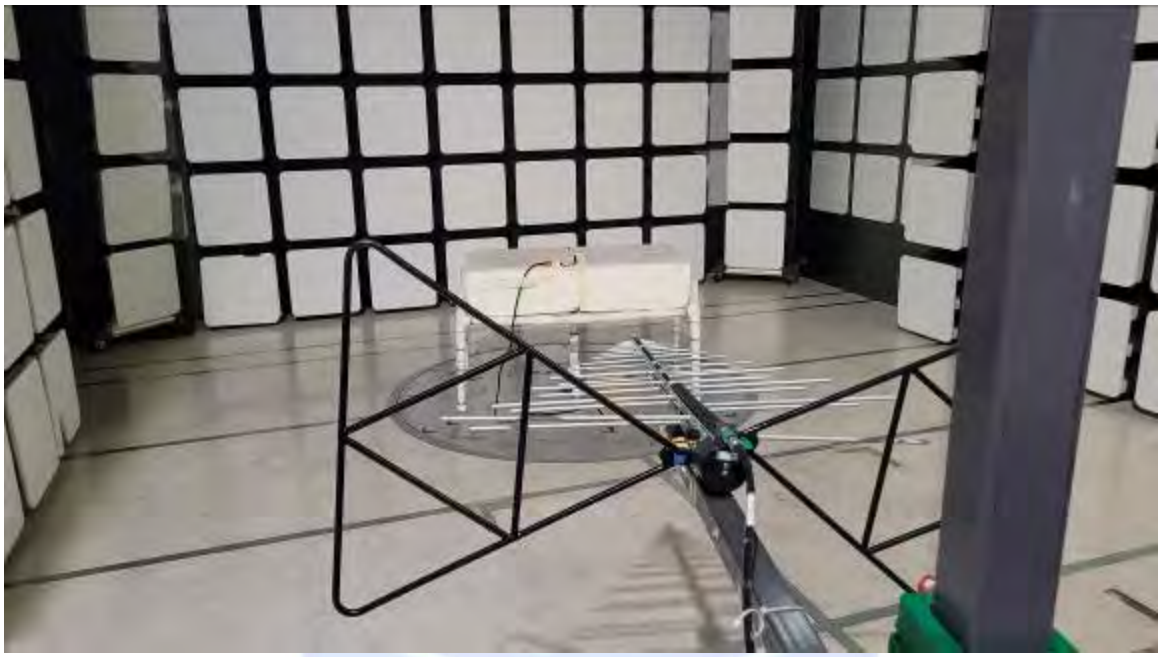


FRONT VIEW

AC POWERED MODE

ELECTRON MINT LLC
WEARABLE DISPLAY
MODEL: eBLING
FCC SUBPART B AND C – RADIATED EMISSIONS – BELOW 1 GHz

PHOTOGRAPH SHOWING THE EUT CONFIGURATION FOR MAXIMUM EMISSIONS

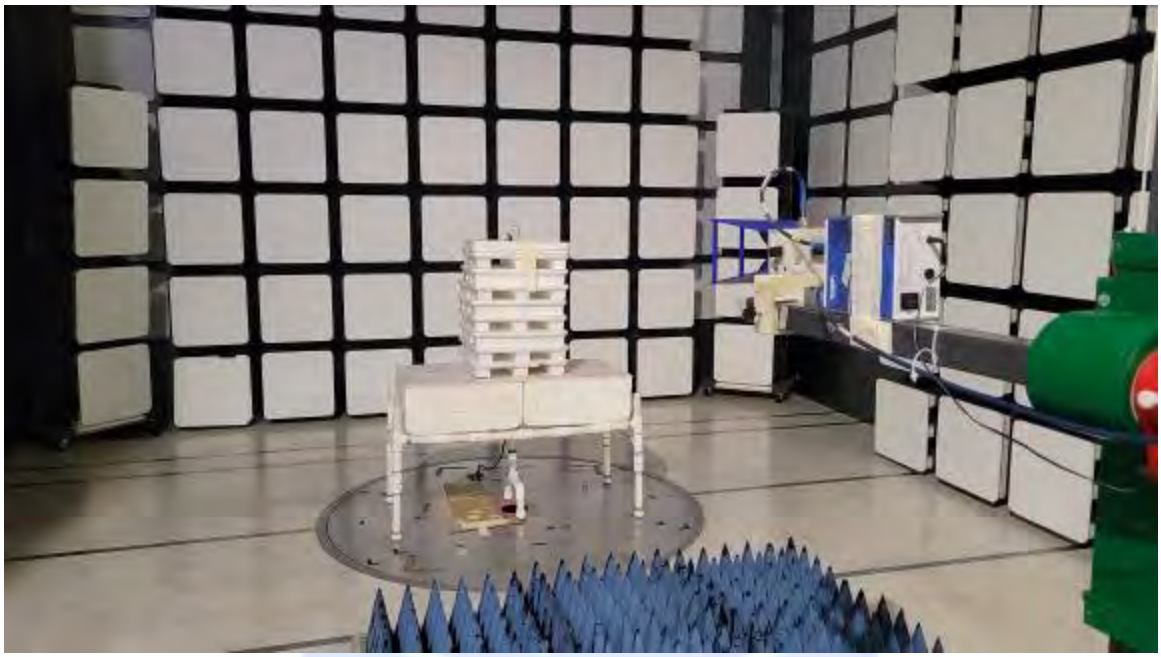


REAR VIEW

AC POWERED MODE

ELECTRON MINT LLC
WEARABLE DISPLAY
MODEL: eBLING
FCC SUBPART B AND C – RADIATED EMISSIONS – BELOW 1 GHz

PHOTOGRAPH SHOWING THE EUT CONFIGURATION FOR MAXIMUM EMISSIONS

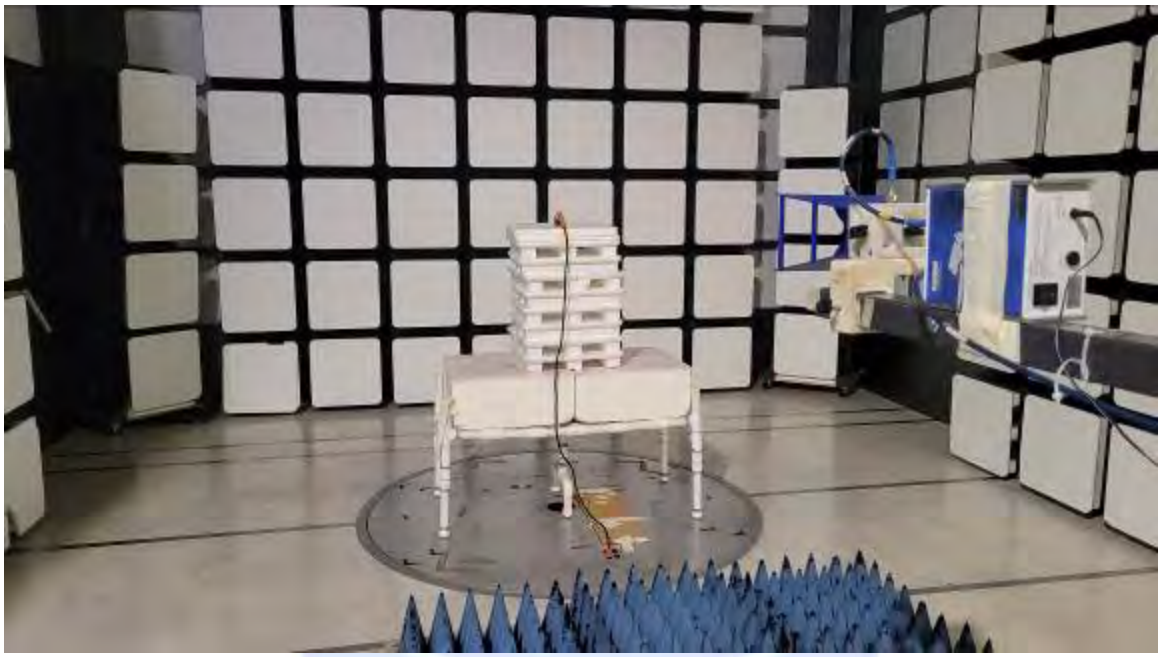


FRONT VIEW

AC POWERED MODE

ELECTRON MINT LLC
WEARABLE DISPLAY
MODEL: eBLING
FCC SUBPART B AND C – RADIATED EMISSIONS – ABOVE 1 GHz

PHOTOGRAPH SHOWING THE EUT CONFIGURATION FOR MAXIMUM EMISSIONS



REAR VIEW

AC POWERED MODE

ELECTRON MINT LLC
WEARABLE DISPLAY
MODEL: eBLING
FCC SUBPART B AND C – RADIATED EMISSIONS – ABOVE 1 GHz

PHOTOGRAPH SHOWING THE EUT CONFIGURATION FOR MAXIMUM EMISSIONS

FRONT VIEW

AC POWERED MODE

ELECTRON MINT LLC
WEARABLE DISPLAY
MODEL: eBLING
FCC SUBPART B AND C
AC CONDUCTED EMISSIONS

PHOTOGRAPH SHOWING THE EUT CONFIGURATION FOR MAXIMUM EMISSIONS

REAR VIEW

AC POWERED MODE

ELECTRON MINT LLC
WEARABLE DISPLAY
MODEL: eBLING
FCC SUBPART B AND C
AC CONDUCTED EMISSIONS

PHOTOGRAPH SHOWING THE EUT CONFIGURATION FOR MAXIMUM EMISSIONS

COMPATIBLE ELECTRONICS

APPENDIX E

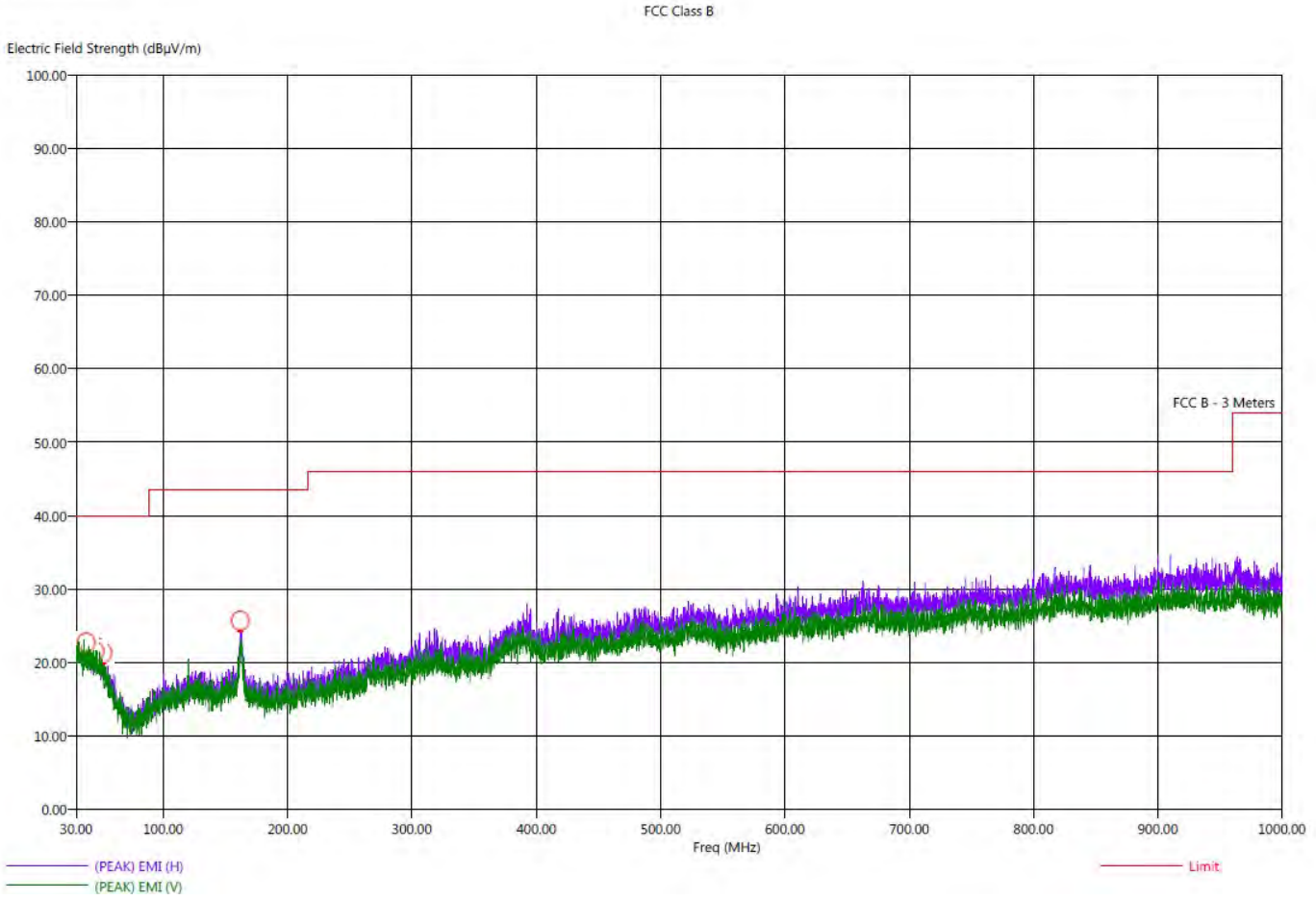
DATA SHEETS

COMPATIBLE ELECTRONICS

RADIATED EMISSIONS DATA SHEETS

Title: Pre-Scan - FCC Class B
File: 1 - Keysight - Pre-Scan - FCC Class B - Y-Axis - Battery Mode - 01-24-2023.set
Operator: Kyle Fujimoto
EUT Type: Wearable Display
EUT Condition: The EUT is continuously transmitting at 2402 MHz in Battery Mode
Company: Electron Mint LLC
Model: eBling
S/N: N/A
Y-Axis Worst Case

1/24/2023 11:14:17 AM
Sequence: Preliminary Scan



Title: Radiated Final - FCC Class B
File: 1 - Keysight - Final Scan - FCC Class B - Y-Axis - Battery Mode - 01-24-2023.set
Operator: Kyle Fujimoto
EUT Type: Wearable display
EUT Condition: The EUT is continuously transmitting at 2402 MHz in Battery Mode
Company: Electron Mint LLC
Model: eBling
S/N: N/A
Y-Axis

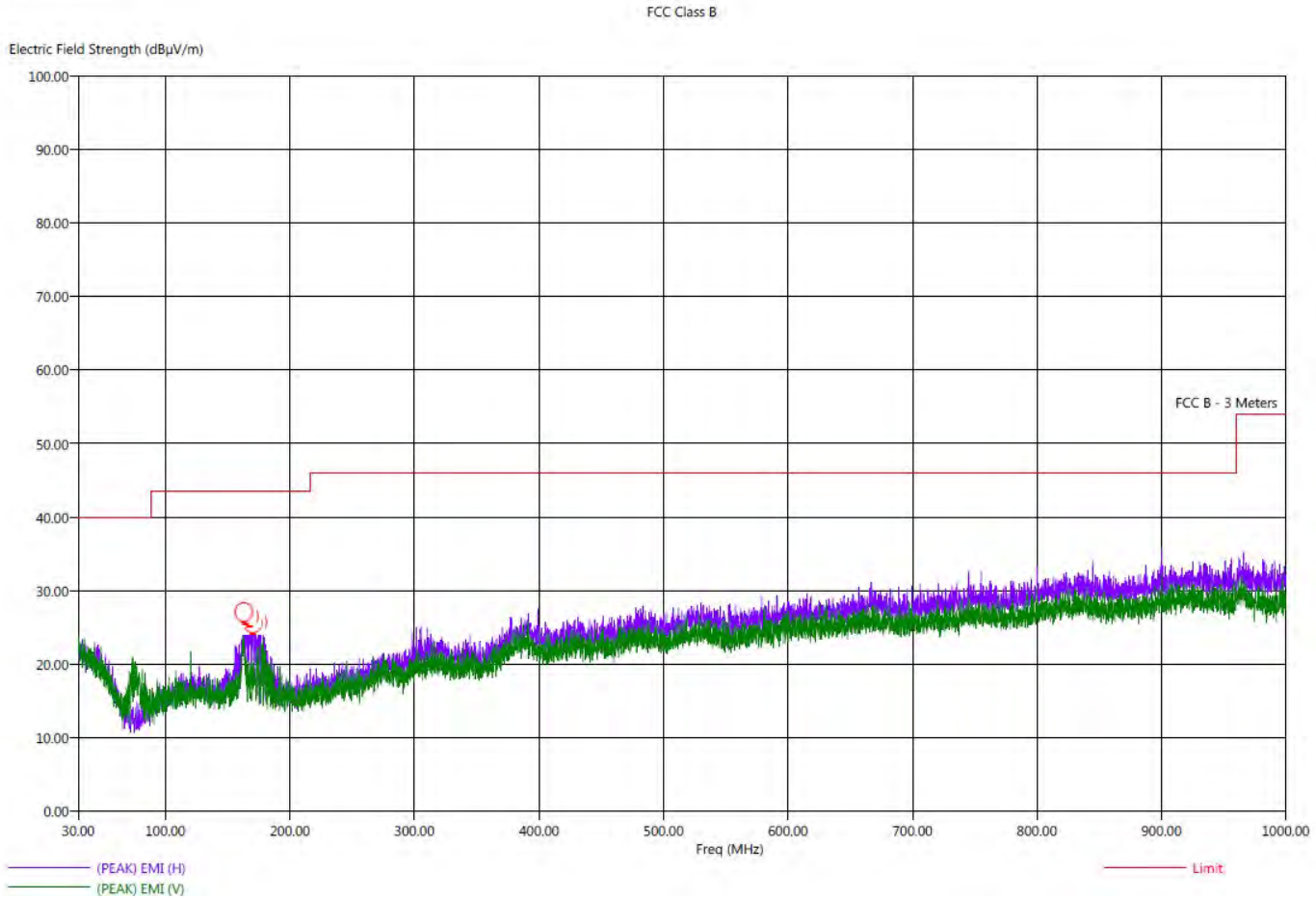
1/24/2023 11:22:20 AM
Sequence: Final Measurements

FCC Class B

Freq (MHz)	Pol	(PEAK) EMI (dBµV/m)	(QP) EMI (dBµV/m)	(PEAK) Margin (dB)	(QP) Margin (dB)	Limit (dBµV/m)	Transducer (dB)	Cable (dB)	Ttbl Agl (deg)	Twr Ht (cm)
38.00	H	29.06	23.27	-10.94	-16.73	40.00	21.09	0.41	205.25	190.97
39.00	H	28.21	22.69	-11.79	-17.31	40.00	21.02	0.41	161.50	377.00
45.10	H	27.47	22.28	-12.53	-17.72	40.00	20.57	0.44	173.25	304.40
45.90	H	28.07	22.06	-11.93	-17.94	40.00	20.39	0.45	249.75	399.56
51.50	H	26.22	20.82	-13.78	-19.18	40.00	19.28	0.47	160.00	127.20
51.80	H	26.02	20.81	-13.98	-19.19	40.00	19.24	0.47	337.50	254.67
162.00	H	31.68	25.95	-11.82	-17.55	43.50	22.91	0.94	298.75	340.04

Title: Pre-Scan - FCC Class B
File: 2 - Keysight - Pre-Scan - FCC Class B - Y-Axis - AC Mode - 01-24-2023.set
Operator: Kyle Fujimoto
EUT Type: Wearable Display
EUT Condition: The EUT is continuously transmitting at 2402 MHz in AC Power Mode
Company: Electron Mint LLC
Model: eBling
S/N: N/A
Y-Axis Worst Case

1/24/2023 11:52:19 AM
Sequence: Preliminary Scan



Title: Radiated Final - FCC Class B
File: 2 - Keysight - Final Scan - FCC Class B - Y-Axis - AC Power Mode - 01-24-2023.set
Operator: Kyle Fujimoto
EUT Type: Wearable display
EUT Condition: The EUT is continuously transmitting at 2402 MHz in AC Power Mode
Company: Electron Mint LLC
Model: eBling
S/N: N/A
Y-Axis

1/24/2023 1:06:56 PM
Sequence: Final Measurements

FCC Class B

Freq (MHz)	Pol	(PEAK) EMI (dBµV/m)	(QP) EMI (dBµV/m)	(PEAK) Margin (dB)	(QP) Margin (dB)	Limit (dBµV/m)	Transducer (dB)	Cable (dB)	Ttbl Agl (deg)	Twr Ht (cm)
163.00	H	32.26	25.98	-11.24	-17.52	43.50	21.95	0.94	346.50	143.26
164.40	H	29.82	23.77	-13.68	-19.73	43.50	18.41	0.94	4.00	111.38
167.50	H	29.61	23.29	-13.89	-20.21	43.50	16.27	0.95	360.00	160.22
170.20	H	29.27	23.58	-14.23	-19.92	43.50	16.00	0.96	2.00	158.97
171.10	H	27.82	21.92	-15.68	-21.58	43.50	16.00	0.97	345.75	222.97
174.30	H	28.69	22.91	-14.81	-20.59	43.50	15.90	0.98	0.25	143.08

TRANSMIT HARMONICS DATA SHEETS

COMPATIBLE ELECTRONICS

TRANSMIT HARMONICS
BATTERY POWERED MODE
DATA SHEETS

COMPATIBLE ELECTRONICS

FCC 15.247
Electron Mint LLC
Wearable Display
Model: eBling

Date: 01/23/2023
Lab: D
Tested By: Kyle Fujimoto

Harmonics - Low Channel
Transmit Mode - X-Axis
Battery Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
4804.00	41.81	V	73.97	-32.16	Peak	258.00	111.38	
4804.00	31.04	V	53.97	-22.93	Avg	258.00	111.38	
7206.00								**Not in Restricted Band**
7206.00								**Done via Conducted**
9608.00								**Not in Restricted Band**
9608.00								**Done via Conducted**
12010.00	47.21	V	73.97	-26.76	Peak	276.50	207.20	
12010.00	35.37	V	53.97	-18.60	Avg	276.50	207.20	
14412.00								**No Emission**
14412.00								**Detected**
16814.00								**No Emission**
16814.00								**Detected**
19216.00								**No Emission**
19216.00								**Detected**
21618.00								**No Emission**
21618.00								**Detected**
24020.00								**No Emission**
24020.00								**Detected**

COMPATIBLE ELECTRONICS

FCC 15.247
Electron Mint LLC
Wearable Display
Model: eBling

Date: 01/23/2023
Lab: D
Tested By: Kyle Fujimoto

Harmonics - Low Channel
Transmit Mode - Y-Axis
Battery Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
4804.00	40.96	V	73.97	-33.01	Peak	26.50	174.91	
4804.00	30.19	V	53.97	-23.78	Avg	26.50	174.91	
7206.00								**Not in Restricted Band**
7206.00								**Done via Conducted**
9608.00								**Not in Restricted Band**
9608.00								**Done via Conducted**
12010.00	46.99	V	73.97	-26.98	Peak	218.25	143.08	
12010.00	35.75	V	53.97	-18.22	Avg	218.25	143.08	
14412.00								**No Emission**
14412.00								**Detected**
16814.00								**No Emission**
16814.00								**Detected**
19216.00								**No Emission**
19216.00								**Detected**
21618.00								**No Emission**
21618.00								**Detected**
24020.00								**No Emission**
24020.00								**Detected**

COMPATIBLE ELECTRONICS

FCC 15.247
Electron Mint LLC
Wearable Display
Model: eBling

Date: 01/23/2023
Lab: D
Tested By: Kyle Fujimoto

Harmonics - Low Channel
Transmit Mode - Z-Axis
Battery Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
4804.00	40.97	V	73.97	-33.00	Peak	181.00	158.91	
4804.00	29.50	V	53.97	-24.47	Avg	181.00	158.91	
7206.00								**Not in Restricted Band**
7206.00								**Done via Conducted**
9608.00								**Not in Restricted Band**
9608.00								**Done via Conducted**
12010.00	47.38	V	73.97	-26.59	Peak	29.75	143.26	
12010.00	36.04	V	53.97	-17.93	Avg	29.75	143.26	
14412.00								**No Emission**
14412.00								**Detected**
16814.00								**No Emission**
16814.00								**Detected**
19216.00								**No Emission**
19216.00								**Detected**
21618.00								**No Emission**
21618.00								**Detected**
24020.00								**No Emission**
24020.00								**Detected**

COMPATIBLE ELECTRONICS

FCC 15.247
Electron Mint LLC
Wearable Display
Model: eBling

Date: 01/23/2023
Lab: D
Tested By: Kyle Fujimoto

Harmonics - Low Channel
Transmit Mode - X-Axis
Battery Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
4804.00	41.37	H	73.97	-32.60	Peak	247.75	191.32	
4804.00	29.57	H	53.97	-24.40	Avg	247.75	191.32	
7206.00								**Not in Restricted Band**
7206.00								**Done via Conducted**
9608.00								**Not in Restricted Band**
9608.00								**Done via Conducted**
12010.00	48.07	H	73.97	-25.90	Peak	69.50	127.38	
12010.00	35.54	H	53.97	-18.43	Avg	69.50	127.38	
14412.00								**No Emission**
14412.00								**Detected**
16814.00								**No Emission**
16814.00								**Detected**
19216.00								**No Emission**
19216.00								**Detected**
21618.00								**No Emission**
21618.00								**Detected**
24020.00								**No Emission**
24020.00								**Detected**

COMPATIBLE ELECTRONICS

FCC 15.247
Electron Mint LLC
Wearable Display
Model: eBling

Date: 01/23/2023
Lab: D
Tested By: Kyle Fujimoto

Harmonics - Low Channel
Transmit Mode - Y-Axis
Battery Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
4804.00	41.11	H	73.97	-32.86	Peak	33.00	207.26	
4804.00	30.25	H	53.97	-23.72	Avg	33.00	207.26	
7206.00								**Not in Restricted Band**
7206.00								**Done via Conducted**
9608.00								**Not in Restricted Band**
9608.00								**Done via Conducted**
12010.00	47.03	H	73.97	-26.94	Peak	249.50	207.08	
12010.00	35.28	H	53.97	-18.69	Avg	249.50	207.08	
14412.00								**No Emission**
14412.00								**Detected**
16814.00								**No Emission**
16814.00								**Detected**
19216.00								**No Emission**
19216.00								**Detected**
21618.00								**No Emission**
21618.00								**Detected**
24020.00								**No Emission**
24020.00								**Detected**

COMPATIBLE ELECTRONICS

FCC 15.247
Electron Mint LLC
Wearable Display
Model: eBling

Date: 01/23/2023
Lab: D
Tested By: Kyle Fujimoto

Harmonics - Low Channel
Transmit Mode - Z-Axis
Battery Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
4804.00	40.60	H	73.97	-33.37	Peak	182.75	174.97	
4804.00	29.83	H	53.97	-24.14	Avg	182.75	174.97	
7206.00								**Not in Restricted Band**
7206.00								**Done via Conducted**
9608.00								**Not in Restricted Band**
9608.00								**Done via Conducted**
12010.00	47.95	H	73.97	-26.02	Peak	183.50	159.38	
12010.00	35.25	H	53.97	-18.72	Avg	183.50	159.38	
14412.00								**No Emission**
14412.00								**Detected**
16814.00								**No Emission**
16814.00								**Detected**
19216.00								**No Emission**
19216.00								**Detected**
21618.00								**No Emission**
21618.00								**Detected**
24020.00								**No Emission**
24020.00								**Detected**

COMPATIBLE ELECTRONICS

FCC 15.247
Electron Mint LLC
Wearable Display
Model: eBling

Date: 01/23/2023
Lab: D
Tested By: Kyle Fujimoto

Harmonics - Middle Channel
Transmit Mode - X-Axis
Battery Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
4880.00	41.68	V	73.97	-32.29	Peak	274.00	159.32	
4880.00	32.27	V	53.97	-21.70	Avg	274.00	159.32	
7320.00	44.93	V	73.97	-29.04	Peak	129.00	127.20	
7320.00	32.99	V	53.97	-20.98	Avg	129.00	127.20	
9760.00								**Not in Restricted Band**
9760.00								**Done via Conducted**
12200.00	47.01	V	73.97	-26.96	Peak	97.75	207.26	
12200.00	34.94	V	53.97	-19.03	Avg	97.75	207.26	
14640.00								**No Emission**
14640.00								**Detected**
17080.00								**No Emission**
17080.00								**Detected**
19520.00								**No Emission**
19520.00								**Detected**
21960.00								**No Emission**
21960.00								**Detected**
24400.00								**No Emission**
24400.00								**Detected**

COMPATIBLE ELECTRONICS

FCC 15.247
Electron Mint LLC
Wearable Display
Model: eBling

Date: 01/23/2023
Lab: D
Tested By: Kyle Fujimoto

Harmonics - Middle Channel
Transmit Mode - Y-Axis
Battery Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
4880.00	43.08	V	73.97	-30.89	Peak	16.25	143.50	
4880.00	26.26	V	53.97	-27.71	Avg	16.25	143.50	
7320.00	46.99	V	73.97	-26.98	Peak	56.25	111.32	
7320.00	35.43	V	53.97	-18.54	Avg	56.25	111.32	
9760.00								**Not in Restricted Band**
9760.00								**Done via Conducted**
12200.00	47.51	V	73.97	-26.46	Peak	137.75	111.32	
12200.00	35.33	V	53.97	-18.64	Avg	137.75	111.32	
14640.00								**No Emission**
14640.00								**Detected**
17080.00								**No Emission**
17080.00								**Detected**
19520.00								**No Emission**
19520.00								**Detected**
21960.00								**No Emission**
21960.00								**Detected**
24400.00								**No Emission**
24400.00								**Detected**

COMPATIBLE ELECTRONICS

FCC 15.247
Electron Mint LLC
Wearable Display
Model: eBling

Date: 01/23/2023
Lab: D
Tested By: Kyle Fujimoto

Harmonics - Middle Channel
Transmit Mode - Z-Axis
Battery Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
4880.00	40.51	V	73.97	-33.46	Peak	126.50	111.26	
4880.00	26.20	V	53.97	-27.77	Avg	126.50	111.26	
7320.00	44.77	V	73.97	-29.20	Peak	48.75	249.83	
7320.00	31.75	V	53.97	-22.22	Avg	48.75	249.83	
9760.00								**Not in Restricted Band**
9760.00								**Done via Conducted**
12200.00	46.81	V	73.97	-27.16	Peak	257.25	111.38	
12200.00	35.06	V	53.97	-18.91	Avg	257.25	111.38	
14640.00								**No Emission**
14640.00								**Detected**
17080.00								**No Emission**
17080.00								**Detected**
19520.00								**No Emission**
19520.00								**Detected**
21960.00								**No Emission**
21960.00								**Detected**
24400.00								**No Emission**
24400.00								**Detected**

COMPATIBLE ELECTRONICS

FCC 15.247
Electron Mint LLC
Wearable Display
Model: eBling

Date: 01/23/2023
Lab: D
Tested By: Kyle Fujimoto

Harmonics - Middle Channel
Transmit Mode - X-Axis
Battery Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
4880.00	39.49	H	73.97	-34.48	Peak	81.25	143.26	
4880.00	28.55	H	53.97	-25.42	Avg	81.25	143.26	
7320.00	45.92	H	73.97	-28.05	Peak	82.00	143.44	
7320.00	33.80	H	53.97	-20.17	Avg	82.00	143.44	
9760.00								**Not in Restricted Band**
9760.00								**Done via Conducted**
12200.00	47.84	H	73.97	-26.13	Peak	118.25	111.44	
12200.00	36.07	H	53.97	-17.90	Avg	118.25	111.44	
14640.00								**No Emission**
14640.00								**Detected**
17080.00								**No Emission**
17080.00								**Detected**
19520.00								**No Emission**
19520.00								**Detected**
21960.00								**No Emission**
21960.00								**Detected**
24400.00								**No Emission**
24400.00								**Detected**

COMPATIBLE ELECTRONICS

FCC 15.247
Electron Mint LLC
Wearable Display
Model: eBling

Date: 01/23/2023
Lab: D
Tested By: Kyle Fujimoto

Harmonics - Middle Channel
Transmit Mode - Y-Axis
Battery Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
4880.00	40.66	H	73.97	-33.31	Peak	220.00	223.02	
4880.00	30.84	H	53.97	-23.13	Avg	220.00	223.02	
7320.00	43.89	H	73.97	-30.08	Peak	217.00	175.32	
7320.00	32.84	H	53.97	-21.13	Avg	217.00	175.32	
9760.00								**Not in Restricted Band**
9760.00								**Done via Conducted**
12200.00	46.65	H	73.97	-27.32	Peak	271.25	223.08	
12200.00	35.16	H	53.97	-18.81	Avg	271.25	223.08	
14640.00								**No Emission**
14640.00								**Detected**
17080.00								**No Emission**
17080.00								**Detected**
19520.00								**No Emission**
19520.00								**Detected**
21960.00								**No Emission**
21960.00								**Detected**
24400.00								**No Emission**
24400.00								**Detected**

COMPATIBLE ELECTRONICS

FCC 15.247
Electron Mint LLC
Wearable Display
Model: eBling

Date: 01/23/2023
Lab: D
Tested By: Kyle Fujimoto

Harmonics - Middle Channel
Transmit Mode - Z-Axis
Battery Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
4880.00	42.82	H	73.97	-31.15	Peak	3.50	111.20	
4880.00	26.11	H	53.97	-27.86	Avg	3.50	111.20	
7320.00	45.99	H	73.97	-27.98	Peak	358.00	111.44	
7320.00	34.53	H	53.97	-19.44	Avg	358.00	111.44	
9760.00								**Not in Restricted Band**
9760.00								**Done via Conducted**
12200.00	46.83	H	73.97	-27.14	Peak	223.25	175.38	
12200.00	34.93	H	53.97	-19.04	Avg	223.25	175.38	
14640.00								**No Emission**
14640.00								**Detected**
17080.00								**No Emission**
17080.00								**Detected**
19520.00								**No Emission**
19520.00								**Detected**
21960.00								**No Emission**
21960.00								**Detected**
24400.00								**No Emission**
24400.00								**Detected**

COMPATIBLE ELECTRONICS

FCC 15.247
Electron Mint LLC
Wearable Display
Model: eBling

Date: 01/23/2023
Lab: D
Tested By: Kyle Fujimoto

Harmonics - High Channel
Transmit Mode - X-Axis
Battery Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
4960.00	40.05	V	73.97	-33.92	Peak	101.25	110.79	
4960.00	29.99	V	53.97	-23.98	Avg	101.25	110.79	
7440.00	45.17	V	73.97	-28.80	Peak	202.75	175.50	
7440.00	33.48	V	53.97	-20.49	Avg	202.75	175.50	
9920.00								**Not in Restricted Band**
9920.00								**Done via Conducted**
12400.00	47.80	V	73.97	-26.17	Peak	18.75	222.97	
12400.00	35.85	V	53.97	-18.12	Avg	18.75	222.97	
14880.00								**No Emission**
14880.00								**Detected**
17360.00								**No Emission**
17360.00								**Detected**
19840.00								**No Emission**
19840.00								**Detected**
22320.00								**No Emission**
22320.00								**Detected**
24800.00								**No Emission**
24800.00								**Detected**

COMPATIBLE ELECTRONICS

FCC 15.247
Electron Mint LLC
Wearable Display
Model: eBling

Date: 01/23/2023
Lab: D
Tested By: Kyle Fujimoto

Harmonics - High Channel
Transmit Mode - Y-Axis
Battery Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
4960.00	42.97	V	73.97	-31.00	Peak	274.50	127.38	
4960.00	34.50	V	53.97	-19.47	Avg	274.50	127.38	
7440.00	46.35	V	73.97	-27.62	Peak	211.00	143.50	
7440.00	35.31	V	53.97	-18.66	Avg	211.00	143.50	
9920.00								**Not in Restricted Band**
9920.00								**Done via Conducted**
12400.00	47.51	V	73.97	-26.46	Peak	352.50	207.08	
12400.00	35.89	V	53.97	-18.08	Avg	352.50	207.08	
14880.00								**No Emission**
14880.00								**Detected**
17360.00								**No Emission**
17360.00								**Detected**
19840.00								**No Emission**
19840.00								**Detected**
22320.00								**No Emission**
22320.00								**Detected**
24800.00								**No Emission**
24800.00								**Detected**

COMPATIBLE ELECTRONICS

FCC 15.247
Electron Mint LLC
Wearable Display
Model: eBling

Date: 01/23/2023
Lab: D
Tested By: Kyle Fujimoto

Harmonics - High Channel
Transmit Mode - Z-Axis
Battery Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
4960.00	38.90	V	73.97	-35.07	Peak	282.25	158.97	
4960.00	26.94	V	53.97	-27.03	Avg	282.25	158.97	
7440.00	45.54	V	73.97	-28.43	Peak	218.75	249.01	
7440.00	34.02	V	53.97	-19.95	Avg	218.75	249.01	
9920.00								**Not in Restricted Band**
9920.00								**Done via Conducted**
12400.00	47.52	V	73.97	-26.45	Peak	64.75	206.97	
12400.00	35.94	V	53.97	-18.03	Avg	64.75	206.97	
14880.00								**No Emission**
14880.00								**Detected**
17360.00								**No Emission**
17360.00								**Detected**
19840.00								**No Emission**
19840.00								**Detected**
22320.00								**No Emission**
22320.00								**Detected**
24800.00								**No Emission**
24800.00								**Detected**

COMPATIBLE ELECTRONICS

FCC 15.247
Electron Mint LLC
Wearable Display
Model: eBling

Date: 01/23/2023
Lab: D
Tested By: Kyle Fujimoto

Harmonics - High Channel
Transmit Mode - X-Axis
Battery Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
4960.00	42.23	H	73.97	-31.74	Peak	248.25	207.32	
4960.00	31.98	H	53.97	-21.99	Avg	248.25	207.32	
7440.00	47.33	H	73.97	-26.64	Peak	35.39	264.75	
7440.00	35.39	H	53.97	-18.58	Avg	35.39	264.75	
9920.00								**Not in Restricted Band**
9920.00								**Done via Conducted**
12400.00	47.42	H	73.97	-26.55	Peak	263.75	127.32	
12400.00	36.12	H	53.97	-17.85	Avg	263.75	127.32	
14880.00								**No Emission**
14880.00								**Detected**
17360.00								**No Emission**
17360.00								**Detected**
19840.00								**No Emission**
19840.00								**Detected**
22320.00								**No Emission**
22320.00								**Detected**
24800.00								**No Emission**
24800.00								**Detected**

COMPATIBLE ELECTRONICS

FCC 15.247
Electron Mint LLC
Wearable Display
Model: eBling

Date: 01/23/2023
Lab: D
Tested By: Kyle Fujimoto

Harmonics - High Channel
Transmit Mode - Y-Axis
Battery Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
4960.00	44.37	H	73.97	-29.60	Peak	28.25	127.26	
4960.00	36.91	H	53.97	-17.06	Avg	28.25	127.26	
7440.00	45.95	H	73.97	-28.02	Peak	206.00	249.07	
7440.00	34.29	H	53.97	-19.68	Avg	206.00	249.07	
9920.00								**Not in Restricted Band**
9920.00								**Done via Conducted**
12400.00	49.43	H	73.97	-24.54	Peak	221.75	127.20	
12400.00	36.28	H	53.97	-17.69	Avg	221.75	127.20	
14880.00								**No Emission**
14880.00								**Detected**
17360.00								**No Emission**
17360.00								**Detected**
19840.00								**No Emission**
19840.00								**Detected**
22320.00								**No Emission**
22320.00								**Detected**
24800.00								**No Emission**
24800.00								**Detected**

COMPATIBLE ELECTRONICS

FCC 15.247
Electron Mint LLC
Wearable Display
Model: eBling

Date: 01/23/2023
Lab: D
Tested By: Kyle Fujimoto

Harmonics - High Channel
Transmit Mode - Z-Axis
Battery Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
4960.00	41.00	H	73.97	-32.97	Peak	147.75	111.08	
4960.00	30.87	H	53.97	-23.10	Avg	147.75	111.08	
7440.00	46.74	H	73.97	-27.23	Peak	146.75	111.44	
7440.00	35.99	H	53.97	-17.98	Avg	146.75	111.44	
9920.00								**Not in Restricted Band**
9920.00								**Done via Conducted**
12400.00	48.49	H	73.97	-25.48	Peak	183.00	127.08	
12400.00	36.10	H	53.97	-17.87	Avg	183.00	127.08	
14880.00								**No Emission**
14880.00								**Detected**
17360.00								**No Emission**
17360.00								**Detected**
19840.00								**No Emission**
19840.00								**Detected**
22320.00								**No Emission**
22320.00								**Detected**
24800.00								**No Emission**
24800.00								**Detected**

COMPATIBLE ELECTRONICS

FCC 15.247
Electron Mint LLC
Wearable Display
Model: eBling

Date: 01/23/2023
Lab: D
Tested By: Kyle Fujimoto

Non Harmonic Emissions from the Tx and Digital Portion - 9 kHz to 30 MHz
Non Harmonic Emissions from the Tx and Digital Portion - 1 GHz to 25 GHz

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
								No Emissions Detected
								from 9 kHz to 30 MHz
								for the digital portion
								of the EUT
								No Emissions Detected
								from 9 kHz to 30 MHz
								for the Non-Harmonic Emissions
								of the Transmitter for the EUT
								No Emissions Detected
								from 1 GHz to 25 GHz
								for the digital portion
								of the EUT
								No Emissions Detected
								from 1 GHz to 25 GHz
								for the Non-Harmonic Emissions
								of the Transmitter for the EUT
								Investigated in the X-Axis,
								Y-Axis, and Z-Axis

COMPATIBLE ELECTRONICS

TRANSMIT HARMONICS
AC POWERED MODE
DATA SHEETS

COMPATIBLE ELECTRONICS

FCC 15.247
Electron Mint LLC
Wearable Display
Model: eBling

Date: 01/24/2023
Lab: D
Tested By: Kyle Fujimoto

Harmonics - Low Channel
Transmit Mode - X-Axis
AC Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
4804.00	40.90	V	73.97	-33.07	Peak	48.50	143.02	
4804.00	30.53	V	53.97	-23.44	Avg	48.50	143.02	
7206.00								**Not in Restricted Band**
7206.00								**Done via Conducted**
9608.00								**Not in Restricted Band**
9608.00								**Done via Conducted**
12010.00	47.53	V	73.97	-26.45	Peak	141.75	207.26	
12010.00	35.55	V	53.97	-18.42	Avg	141.75	207.26	
14412.00								**No Emission**
14412.00								**Detected**
16814.00								**No Emission**
16814.00								**Detected**
19216.00								**No Emission**
19216.00								**Detected**
21618.00								**No Emission**
21618.00								**Detected**
24020.00								**No Emission**
24020.00								**Detected**

COMPATIBLE ELECTRONICS

FCC 15.247
Electron Mint LLC
Wearable Display
Model: eBling

Date: 01/24/2023
Lab: D
Tested By: Kyle Fujimoto

Harmonics - Low Channel
Transmit Mode - Y-Axis
AC Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
4804.00	42.40	V	73.97	-31.57	Peak	29.75	127.26	
4804.00	34.24	V	53.97	-19.73	Avg	29.75	127.26	
7206.00								**Not in Restricted Band**
7206.00								**Done via Conducted**
9608.00								**Not in Restricted Band**
9608.00								**Done via Conducted**
12010.00	47.29	V	73.97	-26.68	Peak	253.75	175.08	
12010.00	35.40	V	53.97	-18.57	Avg	253.75	175.08	
14412.00								**No Emission**
14412.00								**Detected**
16814.00								**No Emission**
16814.00								**Detected**
19216.00								**No Emission**
19216.00								**Detected**
21618.00								**No Emission**
21618.00								**Detected**
24020.00								**No Emission**
24020.00								**Detected**

COMPATIBLE ELECTRONICS

FCC 15.247
Electron Mint LLC
Wearable Display
Model: eBling

Date: 01/24/2023
Lab: D
Tested By: Kyle Fujimoto

Harmonics - Low Channel
Transmit Mode - Z-Axis
AC Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
4804.00	41.41	V	73.97	-32.56	Peak	94.75	127.14	
4804.00	30.72	V	53.97	-23.25	Avg	94.75	127.14	
7206.00								**Not in Restricted Band**
7206.00								**Done via Conducted**
9608.00								**Not in Restricted Band**
9608.00								**Done via Conducted**
12010.00	47.55	V	73.97	-26.42	Peak	257.25	190.85	
12010.00	36.13	V	53.97	-17.84	Avg	257.25	190.85	
14412.00								**No Emission**
14412.00								**Detected**
16814.00								**No Emission**
16814.00								**Detected**
19216.00								**No Emission**
19216.00								**Detected**
21618.00								**No Emission**
21618.00								**Detected**
24020.00								**No Emission**
24020.00								**Detected**

COMPATIBLE ELECTRONICS

FCC 15.247
Electron Mint LLC
Wearable Display
Model: eBling

Date: 01/24/2023
Lab: D
Tested By: Kyle Fujimoto

Harmonics - Low Channel
Transmit Mode - X-Axis
AC Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
4804.00	41.18	H	73.97	-32.79	Peak	56.75	222.91	
4804.00	29.78	H	53.97	-24.19	Avg	56.75	222.91	
7206.00								**Not in Restricted Band**
7206.00								**Done via Conducted**
9608.00								**Not in Restricted Band**
9608.00								**Done via Conducted**
12010.00	47.17	H	73.97	-26.80	Peak	178.25	158.91	
12010.00	35.35	H	53.97	-18.62	Avg	178.25	158.91	
14412.00								**No Emission**
14412.00								**Detected**
16814.00								**No Emission**
16814.00								**Detected**
19216.00								**No Emission**
19216.00								**Detected**
21618.00								**No Emission**
21618.00								**Detected**
24020.00								**No Emission**
24020.00								**Detected**

COMPATIBLE ELECTRONICS

FCC 15.247
Electron Mint LLC
Wearable Display
Model: eBling

Date: 01/24/2023
Lab: D
Tested By: Kyle Fujimoto

Harmonics - Low Channel
Transmit Mode - Y-Axis
AC Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
4804.00	40.95	H	73.97	-33.02	Peak	21.00	127.38	
4804.00	27.06	H	53.97	-26.91	Avg	21.00	127.38	
7206.00								**Not in Restricted Band**
7206.00								**Done via Conducted**
9608.00								**Not in Restricted Band**
9608.00								**Done via Conducted**
12010.00	47.35	H	73.97	-26.62	Peak	82.25	223.02	
12010.00	36.29	H	53.97	-17.68	Avg	82.25	223.02	
14412.00								**No Emission**
14412.00								**Detected**
16814.00								**No Emission**
16814.00								**Detected**
19216.00								**No Emission**
19216.00								**Detected**
21618.00								**No Emission**
21618.00								**Detected**
24020.00								**No Emission**
24020.00								**Detected**

COMPATIBLE ELECTRONICS

FCC 15.247
Electron Mint LLC
Wearable Display
Model: eBling

Date: 01/24/2023
Lab: D
Tested By: Kyle Fujimoto

Harmonics - Low Channel
Transmit Mode - Z-Axis
AC Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
4804.00	42.35	H	73.97	-31.62	Peak	6.25	143.38	
4804.00	32.91	H	53.97	-21.06	Avg	6.25	143.38	
7206.00								**Not in Restricted Band**
7206.00								**Done via Conducted**
9608.00								**Not in Restricted Band**
9608.00								**Done via Conducted**
12010.00	48.50	H	73.97	-25.47	Peak	359.75	111.44	
12010.00	36.57	H	53.97	-17.40	Avg	359.75	111.44	
14412.00								**No Emission**
14412.00								**Detected**
16814.00								**No Emission**
16814.00								**Detected**
19216.00								**No Emission**
19216.00								**Detected**
21618.00								**No Emission**
21618.00								**Detected**
24020.00								**No Emission**
24020.00								**Detected**

COMPATIBLE ELECTRONICS

FCC 15.247
Electron Mint LLC
Wearable Display
Model: eBling

Date: 01/24/2023
Lab: D
Tested By: Kyle Fujimoto

Harmonics - Middle Channel
Transmit Mode - X-Axis
AC Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
4880.00	41.47	V	73.97	-32.50	Peak	147.00	127.20	
4880.00	30.90	V	53.97	-23.07	Avg	147.00	127.20	
7320.00	44.92	V	73.97	-29.05	Peak	294.00	111.50	
7320.00	32.90	V	53.97	-21.07	Avg	294.00	111.50	
9760.00								**Not in Restricted Band**
9760.00								**Done via Conducted**
12200.00	47.16	V	73.97	-26.81	Peak	0.50	191.14	
12200.00	35.26	V	53.97	-18.71	Avg	0.50	191.14	
14640.00								**No Emission**
14640.00								**Detected**
17080.00								**No Emission**
17080.00								**Detected**
19520.00								**No Emission**
19520.00								**Detected**
21960.00								**No Emission**
21960.00								**Detected**
24400.00								**No Emission**
24400.00								**Detected**

COMPATIBLE ELECTRONICS

FCC 15.247
Electron Mint LLC
Wearable Display
Model: eBling

Date: 01/24/2023
Lab: D
Tested By: Kyle Fujimoto

Harmonics - Middle Channel
Transmit Mode - Y-Axis
AC Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
4880.00	44.71	V	73.97	-29.26	Peak	21.25	110.73	
4880.00	36.78	V	53.97	-17.19	Avg	21.25	110.73	
7320.00	47.65	V	73.97	-26.32	Peak	48.50	111.38	
7320.00	36.16	V	53.97	-17.81	Avg	48.50	111.38	
9760.00								**Not in Restricted Band**
9760.00								**Done via Conducted**
12200.00	48.00	V	73.97	-25.97	Peak	23.50	238.97	
12200.00	36.32	V	53.97	-17.65	Avg	23.50	238.97	
14640.00								**No Emission**
14640.00								**Detected**
17080.00								**No Emission**
17080.00								**Detected**
19520.00								**No Emission**
19520.00								**Detected**
21960.00								**No Emission**
21960.00								**Detected**
24400.00								**No Emission**
24400.00								**Detected**

COMPATIBLE ELECTRONICS

FCC 15.247
Electron Mint LLC
Wearable Display
Model: eBling

Date: 01/24/2023
Lab: D
Tested By: Kyle Fujimoto

Harmonics - Middle Channel
Transmit Mode - Z-Axis
AC Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
4880.00	42.07	V	73.97	-31.90	Peak	39.50	127.08	
4880.00	33.01	V	53.97	-20.96	Avg	39.50	127.08	
7320.00	46.90	V	73.97	-27.07	Peak	49.75	111.32	
7320.00	36.88	V	53.97	-17.09	Avg	49.75	111.32	
9760.00								**Not in Restricted Band**
9760.00								**Done via Conducted**
12200.00	49.12	V	73.97	-24.85	Peak	265.50	222.43	
12200.00	37.07	V	53.97	-16.90	Avg	265.50	222.43	
14640.00								**No Emission**
14640.00								**Detected**
17080.00								**No Emission**
17080.00								**Detected**
19520.00								**No Emission**
19520.00								**Detected**
21960.00								**No Emission**
21960.00								**Detected**
24400.00								**No Emission**
24400.00								**Detected**

COMPATIBLE ELECTRONICS

FCC 15.247
Electron Mint LLC
Wearable Display
Model: eBling

Date: 01/24/2023
Lab: D
Tested By: Kyle Fujimoto

Harmonics - Middle Channel
Transmit Mode - X-Axis
AC Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
4880.00	39.60	H	73.97	-34.37	Peak	271.00	159.32	
4880.00	27.78	H	53.97	-26.19	Avg	271.00	159.32	
7320.00	45.98	H	73.97	-27.99	Peak	290.75	127.32	
7320.00	34.60	H	53.97	-19.37	Avg	290.75	127.32	
9760.00								**Not in Restricted Band**
9760.00								**Done via Conducted**
12200.00	47.19	H	73.97	-26.78	Peak	270.50	249.07	
12200.00	35.70	H	53.97	-18.27	Avg	270.50	249.07	
14640.00								**No Emission**
14640.00								**Detected**
17080.00								**No Emission**
17080.00								**Detected**
19520.00								**No Emission**
19520.00								**Detected**
21960.00								**No Emission**
21960.00								**Detected**
24400.00								**No Emission**
24400.00								**Detected**

COMPATIBLE ELECTRONICS

FCC 15.247
Electron Mint LLC
Wearable Display
Model: eBling

Date: 01/24/2023
Lab: D
Tested By: Kyle Fujimoto

Harmonics - Middle Channel
Transmit Mode - Y-Axis
AC Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
4880.00	41.13	H	73.97	-32.84	Peak	150.25	111.38	
4880.00	30.49	H	53.97	-23.48	Avg	150.25	111.38	
7320.00	45.39	H	73.97	-28.58	Peak	188.00	111.44	
7320.00	34.68	H	53.97	-19.29	Avg	188.00	111.44	
9760.00								**Not in Restricted Band**
9760.00								**Done via Conducted**
12200.00	47.36	H	73.97	-26.61	Peak	155.50	175.14	
12200.00	35.90	H	53.97	-18.07	Avg	155.50	175.14	
14640.00								**No Emission**
14640.00								**Detected**
17080.00								**No Emission**
17080.00								**Detected**
19520.00								**No Emission**
19520.00								**Detected**
21960.00								**No Emission**
21960.00								**Detected**
24400.00								**No Emission**
24400.00								**Detected**

COMPATIBLE ELECTRONICS

FCC 15.247
Electron Mint LLC
Wearable Display
Model: eBling

Date: 01/24/2023
Lab: D
Tested By: Kyle Fujimoto

Harmonics - Middle Channel
Transmit Mode - Z-Axis
AC Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
4880.00	43.52	H	73.97	-30.45	Peak	15.50	111.44	
4880.00	34.63	H	53.97	-19.34	Avg	15.50	111.44	
7320.00	47.12	H	73.97	-26.85	Peak	35.25	111.32	
7320.00	36.35	H	53.97	-17.62	Avg	35.25	111.32	
9760.00								**Not in Restricted Band**
9760.00								**Done via Conducted**
12200.00	47.50	H	73.97	-26.47	Peak	233.00	126.91	
12200.00	35.84	H	53.97	-18.13	Avg	233.00	126.91	
14640.00								**No Emission**
14640.00								**Detected**
17080.00								**No Emission**
17080.00								**Detected**
19520.00								**No Emission**
19520.00								**Detected**
21960.00								**No Emission**
21960.00								**Detected**
24400.00								**No Emission**
24400.00								**Detected**

COMPATIBLE ELECTRONICS

FCC 15.247
Electron Mint LLC
Wearable Display
Model: eBling

Date: 01/24/2023
Lab: D
Tested By: Kyle Fujimoto

Harmonics - High Channel
Transmit Mode - X-Axis
AC Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
4960.00	42.87	V	73.97	-31.10	Peak	126.00	111.08	
4960.00	34.66	V	53.97	-19.31	Avg	126.00	111.08	
7440.00	43.88	V	73.97	-30.09	Peak	187.75	207.02	
7440.00	32.17	V	53.97	-21.80	Avg	187.75	207.02	
9920.00								**Not in Restricted Band**
9920.00								**Done via Conducted**
12400.00	48.26	V	73.97	-25.71	Peak	294.00	206.85	
12400.00	36.12	V	53.97	-17.85	Avg	294.00	206.85	
14880.00								**No Emission**
14880.00								**Detected**
17360.00								**No Emission**
17360.00								**Detected**
19840.00								**No Emission**
19840.00								**Detected**
22320.00								**No Emission**
22320.00								**Detected**
24800.00								**No Emission**
24800.00								**Detected**

COMPATIBLE ELECTRONICS

FCC 15.247
Electron Mint LLC
Wearable Display
Model: eBling

Date: 01/24/2023
Lab: D
Tested By: Kyle Fujimoto

Harmonics - High Channel
Transmit Mode - Y-Axis
AC Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
4960.00	39.13	V	73.97	-34.84	Peak	253.25	206.55	
4960.00	27.73	V	53.97	-26.24	Avg	253.25	206.55	
7440.00	45.94	V	73.97	-28.03	Peak	96.50	143.02	
7440.00	34.73	V	53.97	-19.24	Avg	96.50	143.02	
9920.00								**Not in Restricted Band**
9920.00								**Done via Conducted**
12400.00	48.29	V	73.97	-25.68	Peak	194.00	159.14	
12400.00	36.55	V	53.97	-17.42	Avg	194.00	159.14	
14880.00								**No Emission**
14880.00								**Detected**
17360.00								**No Emission**
17360.00								**Detected**
19840.00								**No Emission**
19840.00								**Detected**
22320.00								**No Emission**
22320.00								**Detected**
24800.00								**No Emission**
24800.00								**Detected**

COMPATIBLE ELECTRONICS

FCC 15.247
Electron Mint LLC
Wearable Display
Model: eBling

Date: 01/24/2023
Lab: D
Tested By: Kyle Fujimoto

Harmonics - High Channel
Transmit Mode - Z-Axis
AC Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
4960.00	40.48	V	73.97	-33.49	Peak	151.75	190.91	
4960.00	30.46	V	53.97	-23.51	Avg	151.75	190.91	
7440.00	46.36	V	73.97	-27.61	Peak	180.50	190.67	
7440.00	34.00	V	53.97	-19.97	Avg	180.50	190.67	
9920.00								**Not in Restricted Band**
9920.00								**Done via Conducted**
12400.00	49.07	V	73.97	-24.90	Peak	358.75	222.97	
12400.00	36.52	V	53.97	-17.45	Avg	358.75	222.97	
14880.00								**No Emission**
14880.00								**Detected**
17360.00								**No Emission**
17360.00								**Detected**
19840.00								**No Emission**
19840.00								**Detected**
22320.00								**No Emission**
22320.00								**Detected**
24800.00								**No Emission**
24800.00								**Detected**

COMPATIBLE ELECTRONICS

FCC 15.247
Electron Mint LLC
Wearable Display
Model: eBling

Date: 01/24/2023
Lab: D
Tested By: Kyle Fujimoto

Harmonics - High Channel
Transmit Mode - X-Axis
AC Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
4960.00	41.59	H	73.97	-32.38	Peak	339.50	191.08	
4960.00	32.05	H	53.97	-21.92	Avg	339.50	191.08	
7440.00	45.64	H	73.97	-28.33	Peak	306.25	190.85	
7440.00	34.36	H	53.97	-19.61	Avg	306.25	190.85	
9920.00								**Not in Restricted Band**
9920.00								**Done via Conducted**
12400.00	48.09	H	73.97	-25.88	Peak	173.75	111.26	
12400.00	36.36	H	53.97	-17.61	Avg	173.75	111.26	
14880.00								**No Emission**
14880.00								**Detected**
17360.00								**No Emission**
17360.00								**Detected**
19840.00								**No Emission**
19840.00								**Detected**
22320.00								**No Emission**
22320.00								**Detected**
24800.00								**No Emission**
24800.00								**Detected**

COMPATIBLE ELECTRONICS

FCC 15.247
Electron Mint LLC
Wearable Display
Model: eBling

Date: 01/24/2023
Lab: D
Tested By: Kyle Fujimoto

Harmonics - High Channel
Transmit Mode - Y-Axis
AC Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
4960.00	41.42	H	73.97	-32.55	Peak	246.50	174.91	
4960.00	31.14	H	53.97	-22.83	Avg	246.50	174.91	
7440.00	44.54	H	73.97	-29.43	Peak	286.75	143.14	
7440.00	33.64	H	53.97	-20.33	Avg	286.75	143.14	
9920.00								**Not in Restricted Band**
9920.00								**Done via Conducted**
12400.00	48.18	H	73.97	-25.79	Peak	231.75	206.79	
12400.00	36.48	H	53.97	-17.49	Avg	231.75	206.79	
14880.00								**No Emission**
14880.00								**Detected**
17360.00								**No Emission**
17360.00								**Detected**
19840.00								**No Emission**
19840.00								**Detected**
22320.00								**No Emission**
22320.00								**Detected**
24800.00								**No Emission**
24800.00								**Detected**

COMPATIBLE ELECTRONICS

FCC 15.247
Electron Mint LLC
Wearable Display
Model: eBling

Date: 01/24/2023
Lab: D
Tested By: Kyle Fujimoto

Harmonics - High Channel
Transmit Mode - Z-Axis
AC Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
4960.00	41.72	H	73.97	-32.25	Peak	20.00	111.50	
4960.00	32.74	H	53.97	-21.23	Avg	20.00	111.50	
7440.00	45.98	H	73.97	-27.99	Peak	134.00	127.26	
7440.00	33.19	H	53.97	-20.78	Avg	134.00	127.26	
9920.00								**Not in Restricted Band**
9920.00								**Done via Conducted**
12400.00	48.50	H	73.97	-25.47	Peak	201.25	159.38	
12400.00	36.44	H	53.97	-17.53	Avg	201.25	159.38	
14880.00								**No Emission**
14880.00								**Detected**
17360.00								**No Emission**
17360.00								**Detected**
19840.00								**No Emission**
19840.00								**Detected**
22320.00								**No Emission**
22320.00								**Detected**
24800.00								**No Emission**
24800.00								**Detected**

COMPATIBLE ELECTRONICS

FCC 15.247
Electron Mint LLC
Wearable Display
Model: eBling

Date: 01/24/2023
Lab: D
Tested By: Kyle Fujimoto

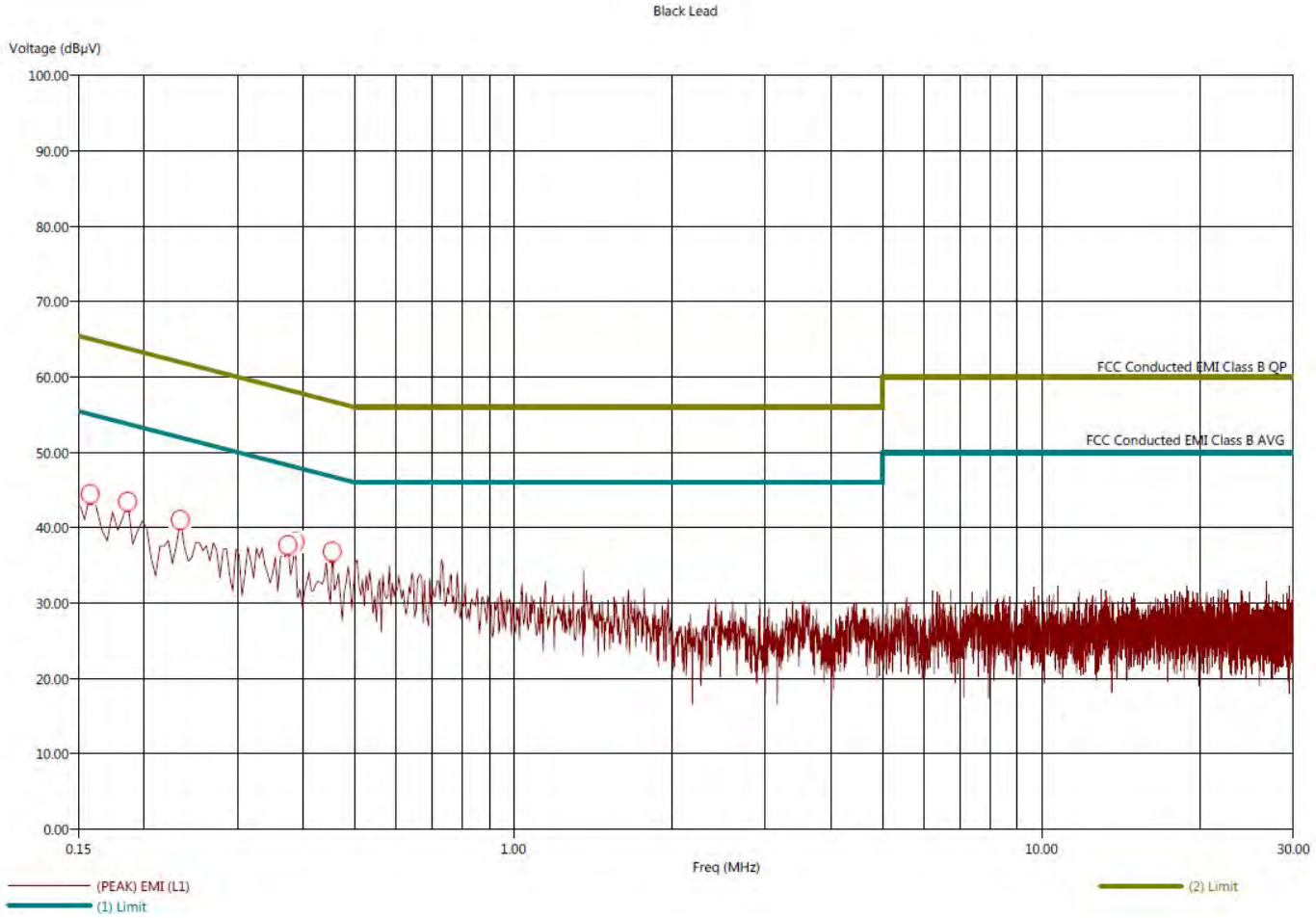
Non Harmonic Emissions from the Tx and Digital Portion - 9 kHz to 30 MHz
Non Harmonic Emissions from the Tx and Digital Portion - 1 GHz to 25 GHz

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
								No Emissions Detected
								from 9 kHz to 30 MHz
								for the digital portion
								of the EUT
								No Emissions Detected
								from 9 kHz to 30 MHz
								for the Non-Harmonic Emissions
								of the Transmitter for the EUT
								No Emissions Detected
								from 1 GHz to 25 GHz
								for the digital portion
								of the EUT
								No Emissions Detected
								from 1 GHz to 25 GHz
								for the Non-Harmonic Emissions
								of the Transmitter for the EUT
								Investigated in the X-Axis,
								Y-Axis, and Z-Axis

CONDUCTED EMISSIONS DATA SHEETS

Title: FCC Class B - Black Lead
File: 1 - Pre-Scan - Black Lead - AC Mode - FCC Class B - 01-24-2023.set
Operator: Kyle Fujimoto
EUT Type: Wearable Display
EUT Condition: The EUT is continuously transmitting at 2402 MHz in AC Power Mode
Company: Electron Mint LLC
Model: eBling
S/N: N/A

1/24/2023 2:35:02 PM
Sequence: Preliminary Scan



Title: FCC Class B - Black Lead
File: 1 - Final Scan - Black Lead - AC Mode - FCC Class B - 01-24-2023.set
Operator: Kyle Fujmoto
EUT Type: Wearable Display
EUT Condition: The EUT is continuously transmitting at 2402 MHz in AC Power Mode
Company: Electron Mint LLC
Model: eBling
S/N: N/A

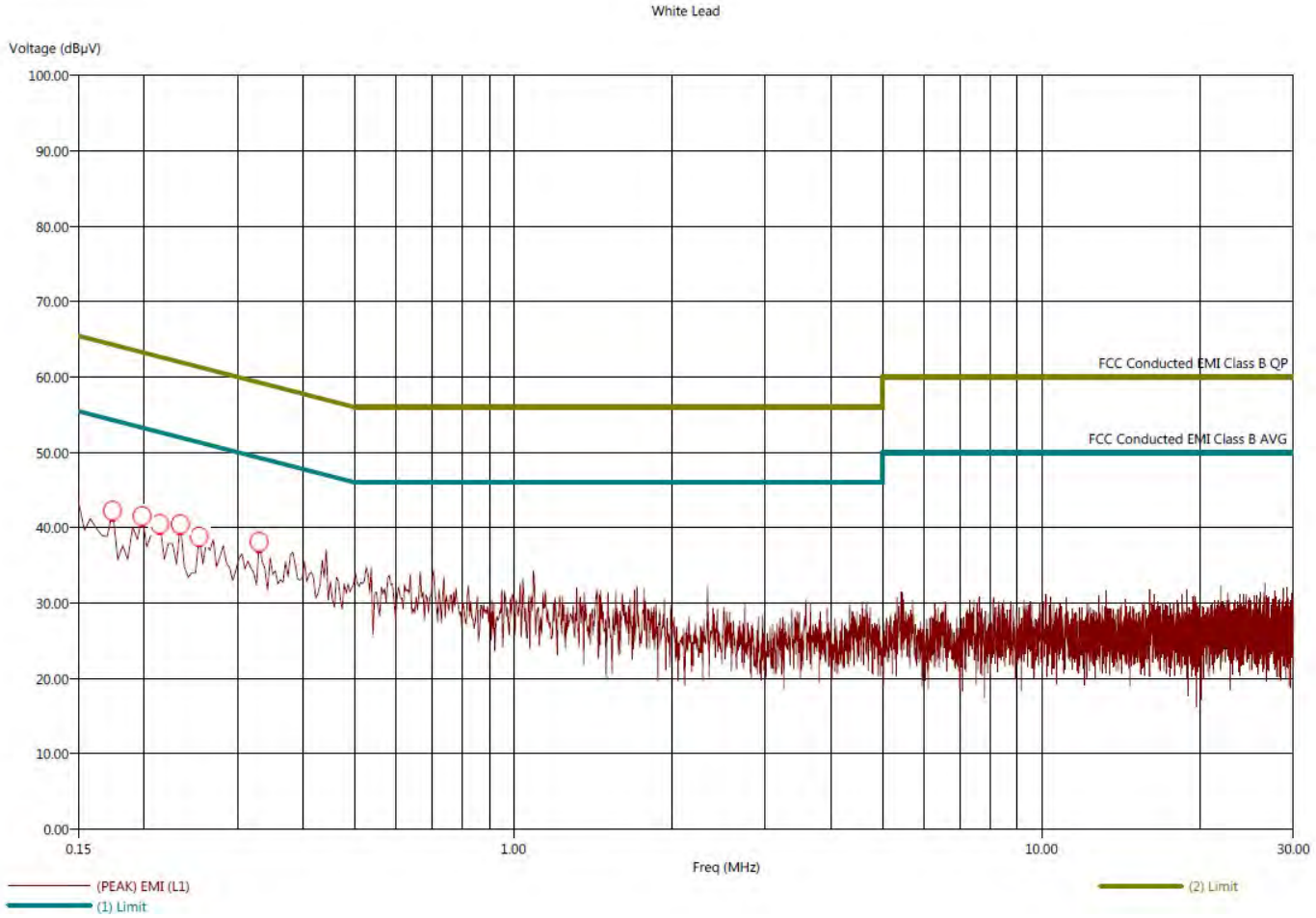
1/24/2023 2:36:27 PM
Sequence: Final Measurements

Black Lead

Freq (MHz)	(PEAK) EMI (dBµV)	(AVG) EMI (dBµV)	(PEAK) Margin (AVG) (dB)	(AVG) Margin (AVG) (dB)	(AVG) Limit (dBµV)	Cable (dB)	Transducer (dB)	Filter (dB)
0.158	47.90	35.83	-7.19	-19.26	55.09	0.01	0.19	10.10
0.186	46.64	34.64	-7.10	-19.10	53.74	0.01	0.17	10.10
0.234	45.55	32.92	-6.34	-18.97	51.89	0.01	0.15	10.10
0.374	39.51	29.40	-8.62	-18.73	48.13	0.01	0.14	10.10
0.386	40.60	29.29	-7.36	-18.67	47.96	0.01	0.14	10.10
0.454	38.77	28.29	-7.91	-18.39	46.68	0.01	0.14	10.10

Title: FCC Class B - White Lead
File: 2 - Pre-Scan - White Lead - AC Mode - FCC Claass B - 01-24-2023.set
Operator: Kyle Fujimoto
EUT Type: Wearable Display
EUT Condition: The EUT is continuously transmitting at 2402 MHz in AC Power Mode
Company: Electron Mint LLC
Model: eBling
S/N: N/A

1/24/2023 2:39:55 PM
Sequence: Preliminary Scan



Title: FCC Class B - White Lead
File: 2 - Final Scan - White Lead - AC Mode - FCC Class B - 01-24-2023.set
Operator: Kyle Fujmoto
EUT Type: Wearable Display
EUT Condition: The EUT is continuously transmitting at 2402 MHz in AC Power Mode
Company: Electron Mint LLC
Model: eBling
S/N: N/A

1/24/2023 2:41:27 PM
Sequence: Final Measurements

White Lead

Freq (MHz)	(PEAK) EMI (dBµV)	(AVG) EMI (dBµV)	(PEAK) Margin (AVG) (dB)	(AVG) Margin (AVG) (dB)	(AVG) Limit (dBµV)	Cable (dB)	Transducer (dB)	Filter (dB)
0.174	43.26	30.94	-10.81	-23.13	54.07	0.01	0.16	10.10
0.198	39.66	29.32	-13.09	-23.43	52.75	0.01	0.15	10.10
0.214	40.12	29.25	-12.61	-23.48	52.72	0.01	0.15	10.10
0.234	38.44	28.98	-13.51	-22.97	51.95	0.01	0.14	10.10
0.254	39.34	28.79	-12.18	-22.73	51.52	0.01	0.14	10.10
0.330	41.34	30.65	-8.02	-18.71	49.36	0.01	0.13	10.10

BAND EDGES DATA SHEETS

COMPATIBLE ELECTRONICS

BAND EDGES
BATTERY POWERED MODE
DATA SHEETS

COMPATIBLE ELECTRONICS

FCC 15.247
Electron Mint LLC
Wearable Display
Model: eBling

Date: 01/23/2023
Lab: D
Tested By: Kyle Fujimoto

Band Edges - Battery Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
2402.00	86.90	H	--	--	Peak	322.00	210.31	**Fundamental - Low Ch.**
2402.00	84.58	H	--	--	Avg	322.00	210.31	**Y-Axis - Worst Case**
2390.00	35.28	H	73.97	-38.69	Peak	322.00	210.31	**Band Edge**
2390.00	21.96	H	53.97	-32.01	Avg	322.00	210.31	**Y-Axis - Worst Case**
2402.00	87.66	V	---	--	Peak	22.00	175.02	**Fundamental - Low Ch.**
2402.00	86.47	V	--	--	Avg	22.00	175.02	**X-Axis - Worst Case**
2390.00	31.48	V	73.97	-42.49	Peak	22.00	175.02	**Band Edge**
2390.00	21.40	V	53.97	-32.57	Avg	22.00	175.02	**X-Axis - Worst Case**

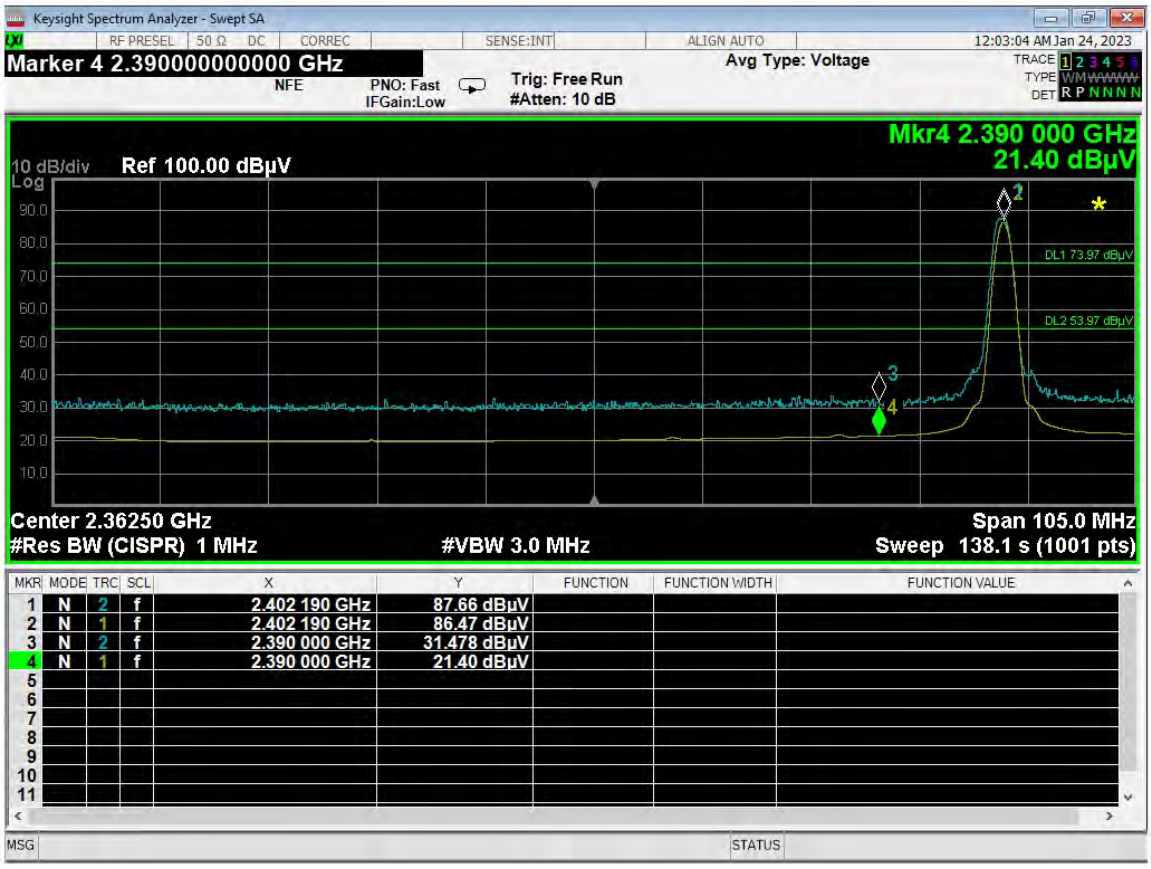
COMPATIBLE ELECTRONICS

FCC 15.247
Electron Mint LLC
Wearable Display
Model: eBling

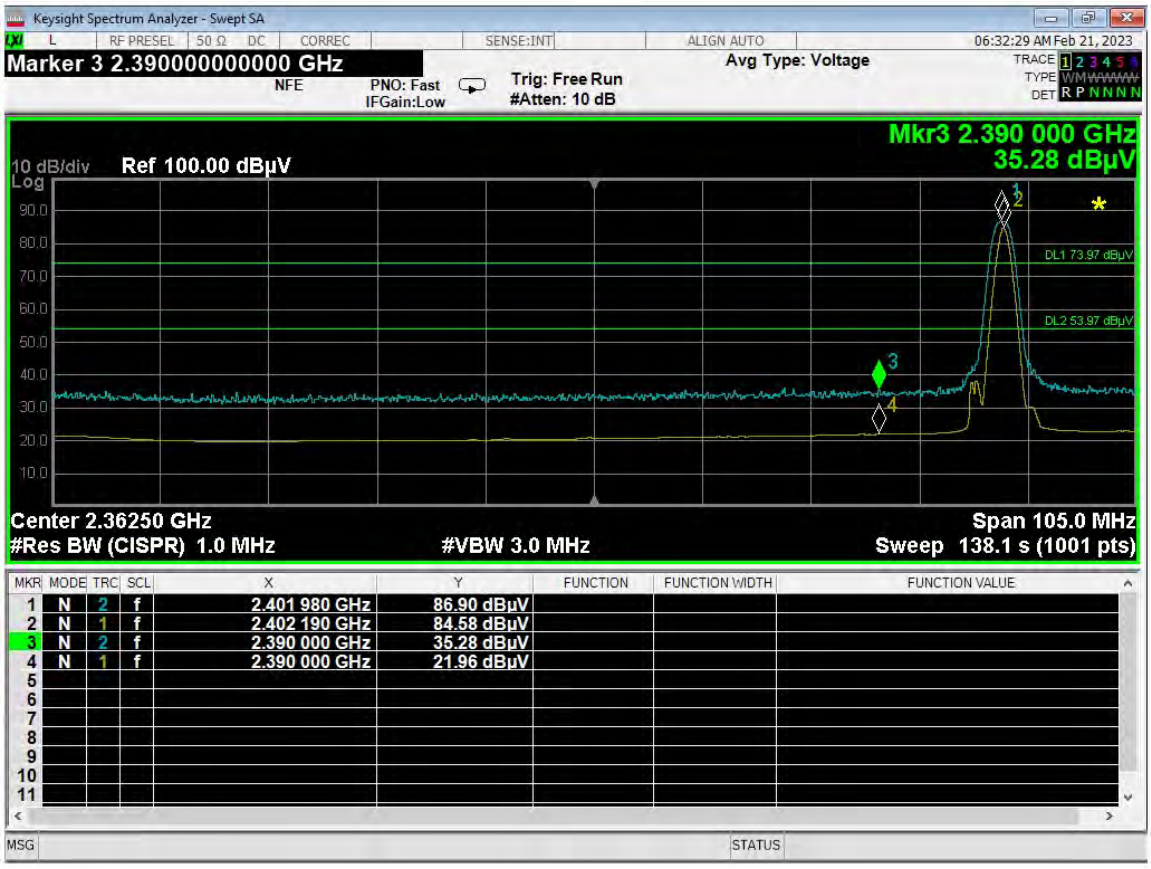
Date: 01/23/2023
Lab: D
Tested By: Kyle Fujimoto

Band Edges - Battery Mode

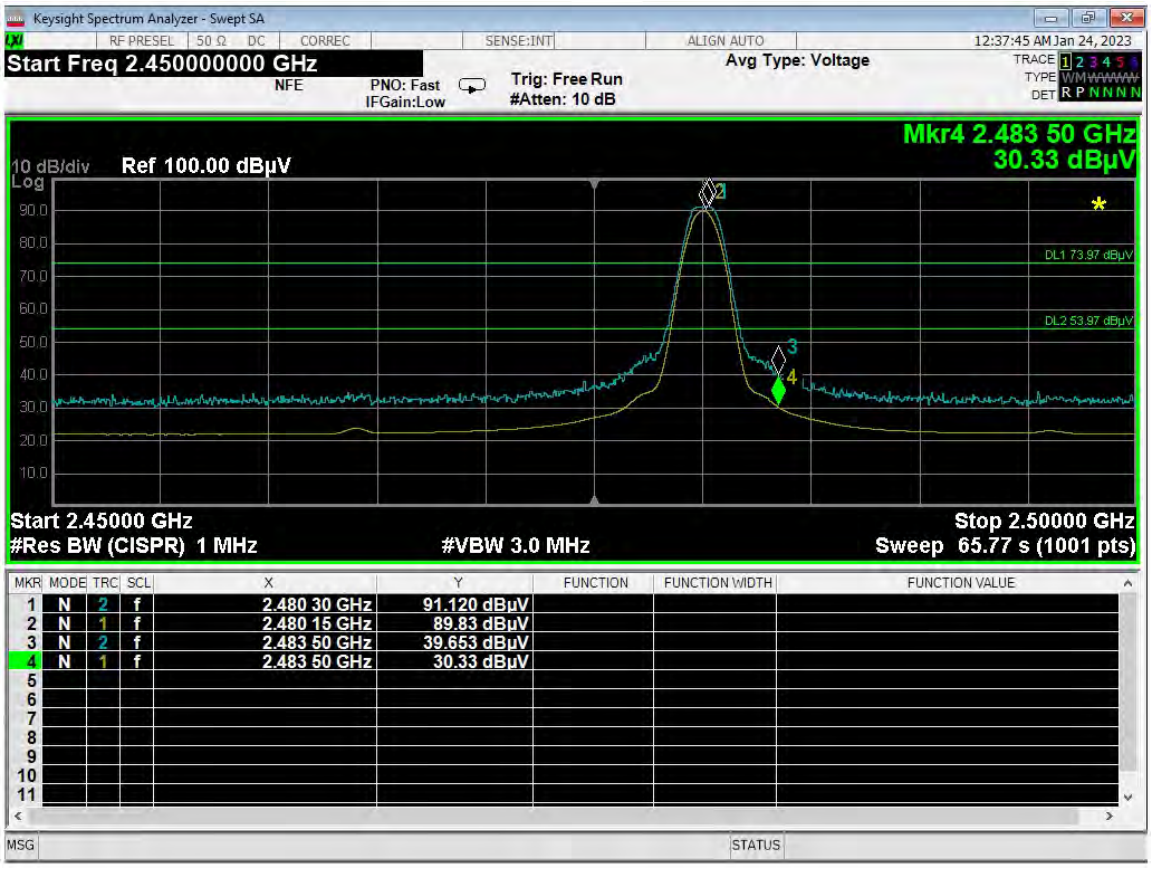
Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
2480.00	86.83	H	--	--	Peak	80.00	209.53	**Fundamental - High Ch.**
2480.00	85.91	H	--	--	Avg	80.00	209.53	**Z-Axis - Worst Case**
2483.50	37.12	H	73.97	-36.85	Peak	80.00	209.53	**Band Edge**
2483.50	27.27	H	53.97	-26.70	Avg	80.00	209.53	**Z-Axis - Worst Case**
2480.00	91.12	V	---	--	Peak	98.75	166.61	**Fundamental - High Ch.**
2480.00	89.83	V	--	--	Avg	98.75	166.61	**Z-Axis - Worst Case**
2483.50	39.65	V	73.97	-34.32	Peak	98.75	166.61	**Band Edge**
2483.50	30.33	V	53.97	-23.64	Avg	98.75	166.61	**Z-Axis - Worst Case**



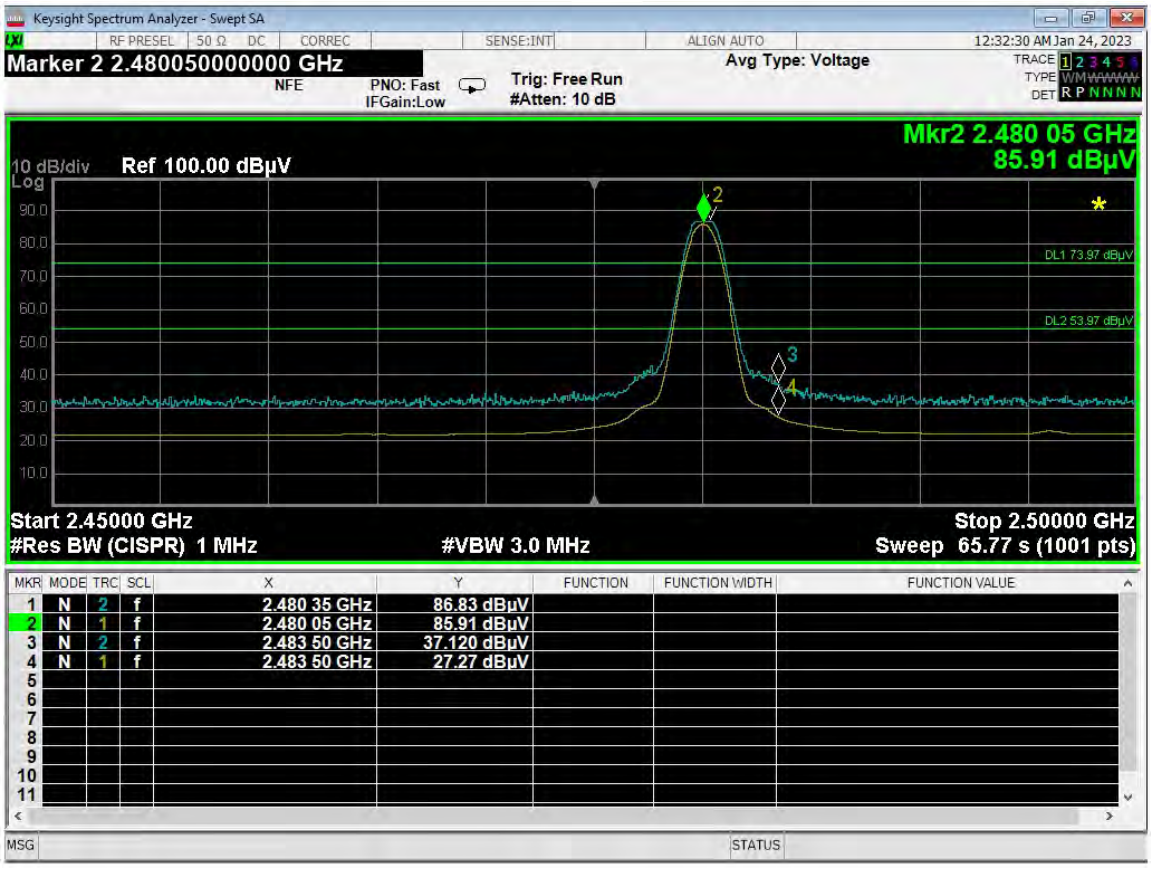
Band Edges – Battery Mode – 2402 MHz – Vertical



Band Edges – Battery Mode – 2402 MHz – Horizontal



Band Edges – Battery Mode – 2480 MHz – Vertical



Band Edges – Battery Mode – 2480 MHz – Horizontal

COMPATIBLE ELECTRONICS

BAND EDGES
AC POWERED MODE
DATA SHEETS

COMPATIBLE ELECTRONICS

FCC 15.247
Electron Mint LLC
Wearable Display
Model: eBling

Date: 01/24/2023
Lab: D
Tested By: Kyle Fujimoto

Band Edges - AC Mode

Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
2402.00	88.25	H	--	--	Peak	330.00	226.19	**Fundamental - Low Ch.**
2402.00	87.09	H	--	--	Avg	330.00	226.19	**Y-Axis - Worst Case**
2390.00	30.85	H	73.97	-43.12	Peak	330.00	226.19	**Band Edge**
2390.00	21.49	H	53.97	-32.48	Avg	330.00	226.19	**Y-Axis - Worst Case**
2402.00	92.79	V	--	--	Peak	27.25	117.53	**Fundamental - Low Ch.**
2402.00	91.61	V	--	--	Avg	27.25	117.53	**Z-Axis - Worst Case**
2390.00	31.19	V	73.97	-42.78	Peak	27.25	117.53	**Band Edge**
2390.00	21.97	V	53.97	-32.00	Avg	27.25	117.53	**Z-Axis - Worst Case**

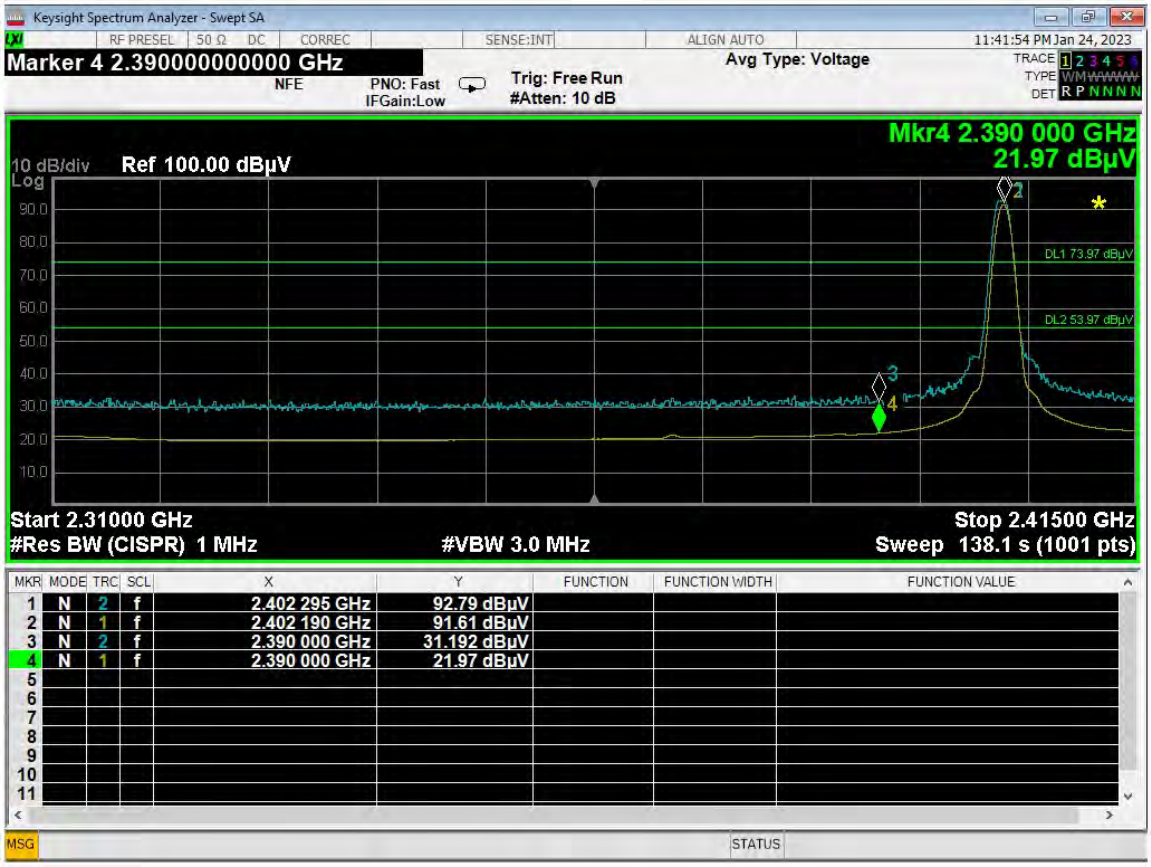
COMPATIBLE ELECTRONICS

FCC 15.247
Electron Mint LLC
Wearable Display
Model: eBling

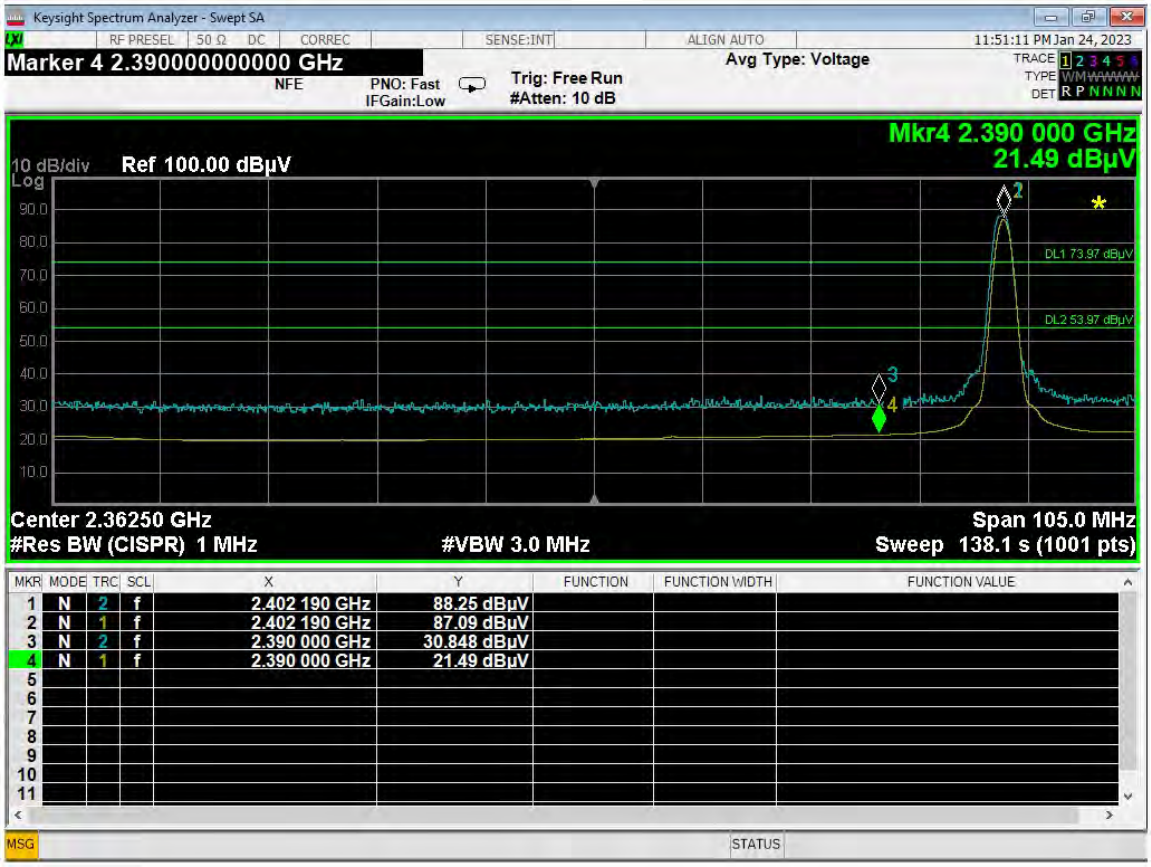
Date: 01/24/2023
Lab: D
Tested By: Kyle Fujimoto

Band Edges - AC Mode

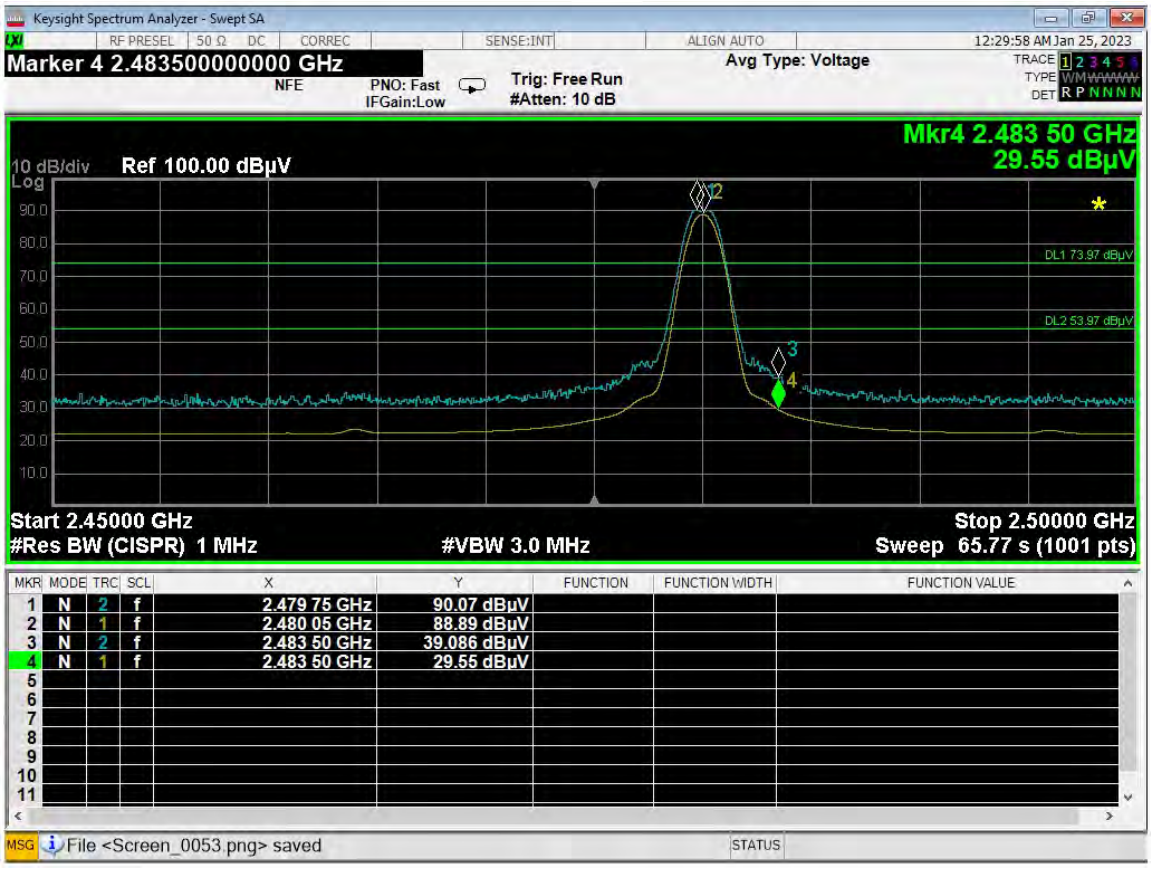
Freq. (MHz)	Level (dBuV/m)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Table Angle (deg)	Ant. Height (cm)	Comments
2480.00	88.18	H	--	--	Peak	157.00	246.67	**Fundamental - High Ch.**
2480.00	87.03	H	--	--	Avg	157.00	246.67	**Y-Axis - Worst Case**
2483.50	38.92	H	73.97	-35.05	Peak	157.00	246.67	**Band Edge**
2483.50	27.86	H	53.97	-26.11	Avg	157.00	246.67	**Y-Axis - Worst Case**
2480.00	90.07	V	--	--	Peak	109.75	143.08	**Fundamental - High Ch.**
2480.00	88.89	V	--	--	Avg	109.75	143.08	**Z-Axis - Worst Case**
2483.50	39.09	V	73.97	-34.88	Peak	109.75	143.08	**Band Edge**
2483.50	29.55	V	53.97	-24.42	Avg	109.75	143.08	**Z-Axis - Worst Case**



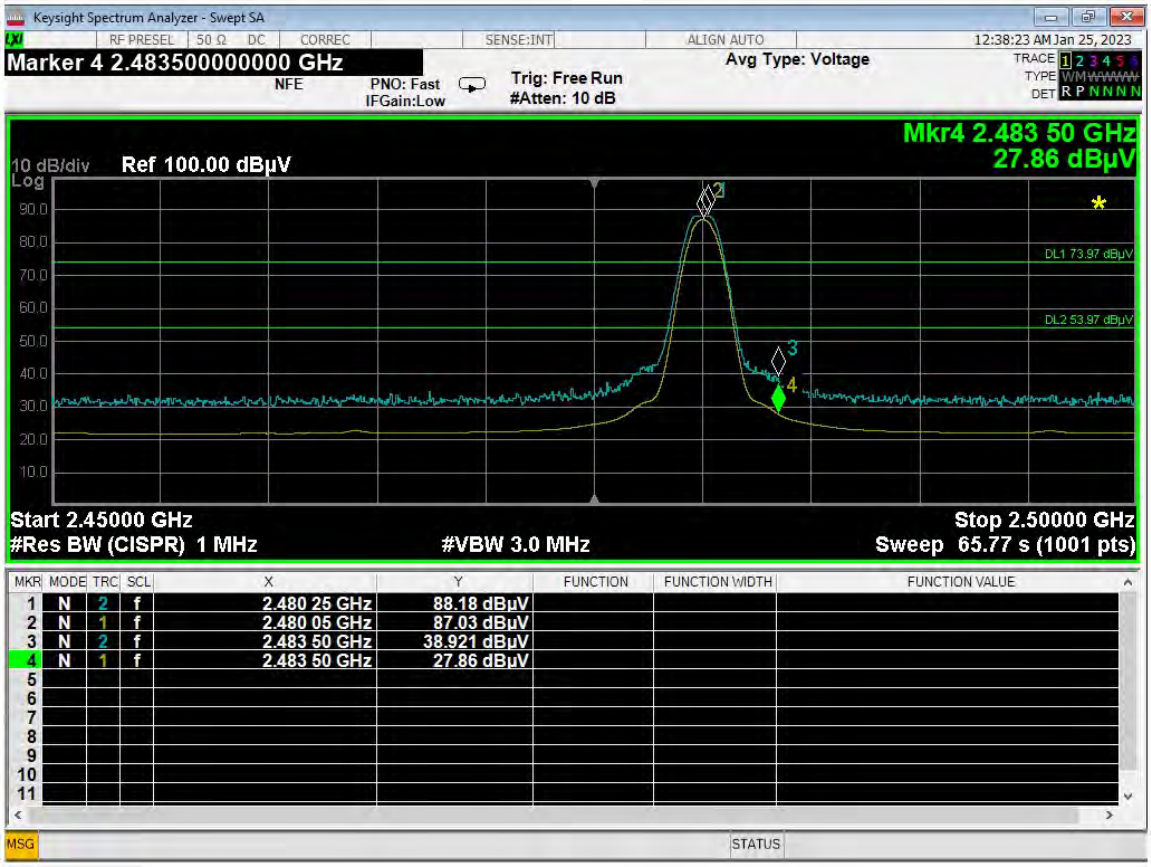
Band Edges – AC Mode – 2402 MHz – Vertical



Band Edges – AC Mode – 2402 MHz – Horizontal



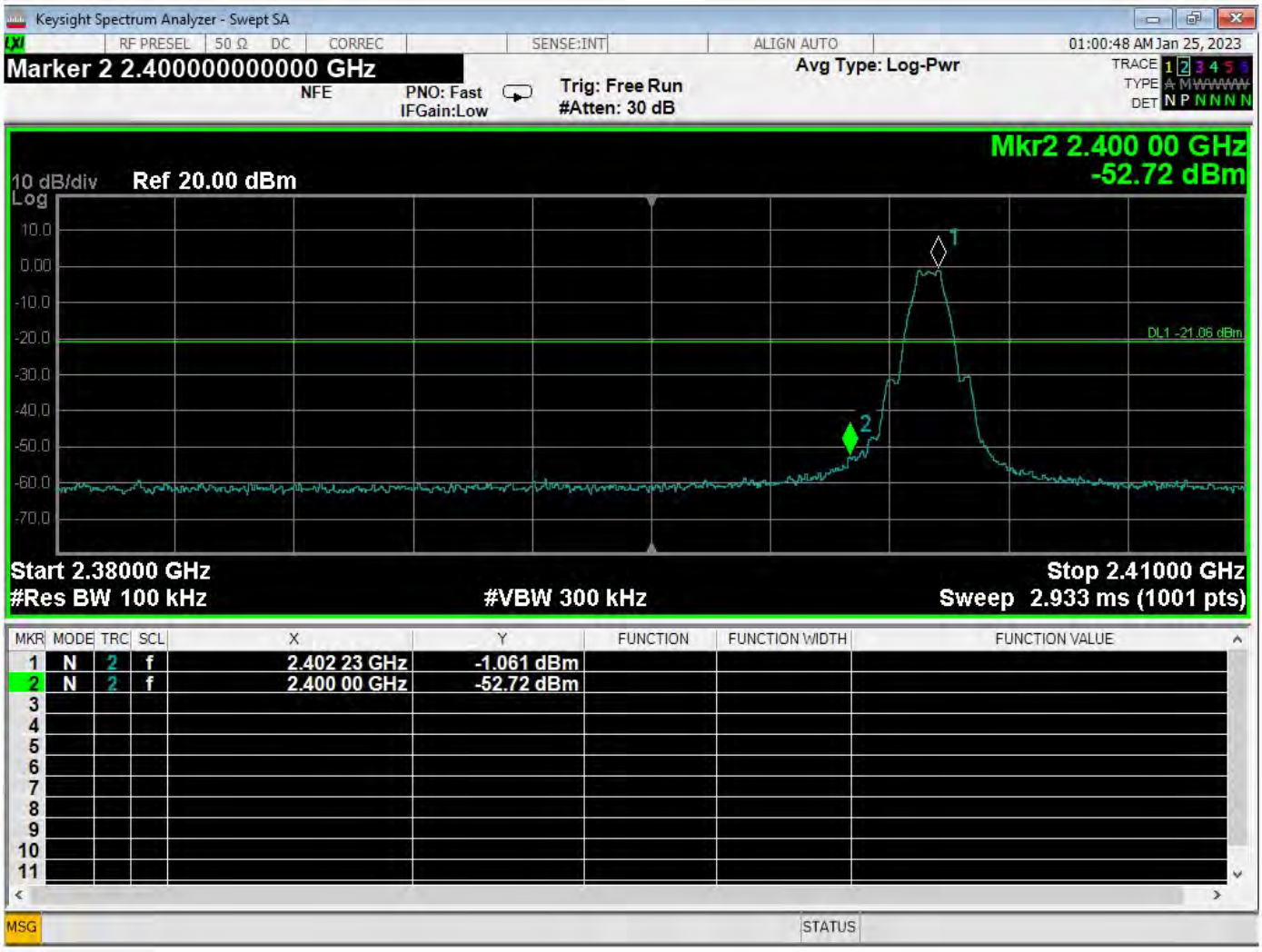
Band Edges – AC Mode – 2480 MHz – Vertical



Band Edges – AC Mode – 2480 MHz – Horizontal

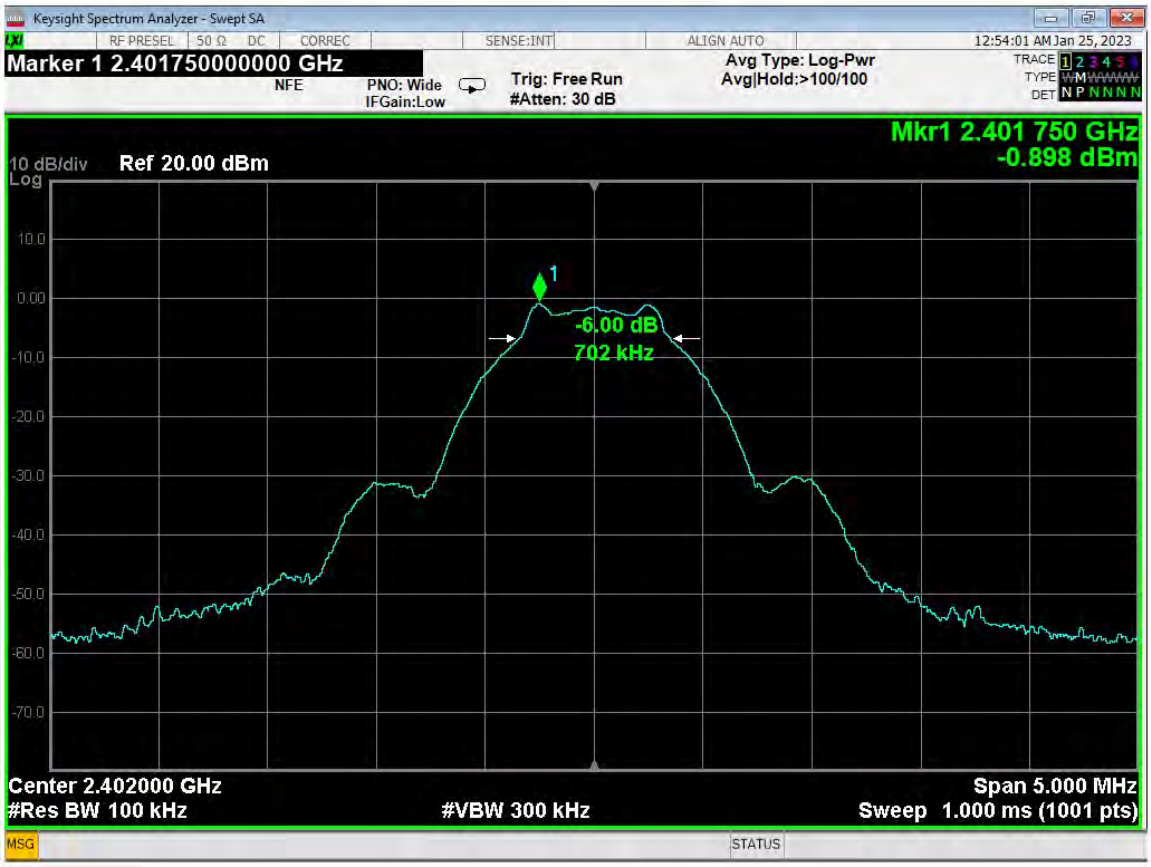
COMPATIBLE ELECTRONICS

BAND EDGES CONDUCTED 2402 MHz at 2400 MHz DATA SHEETS

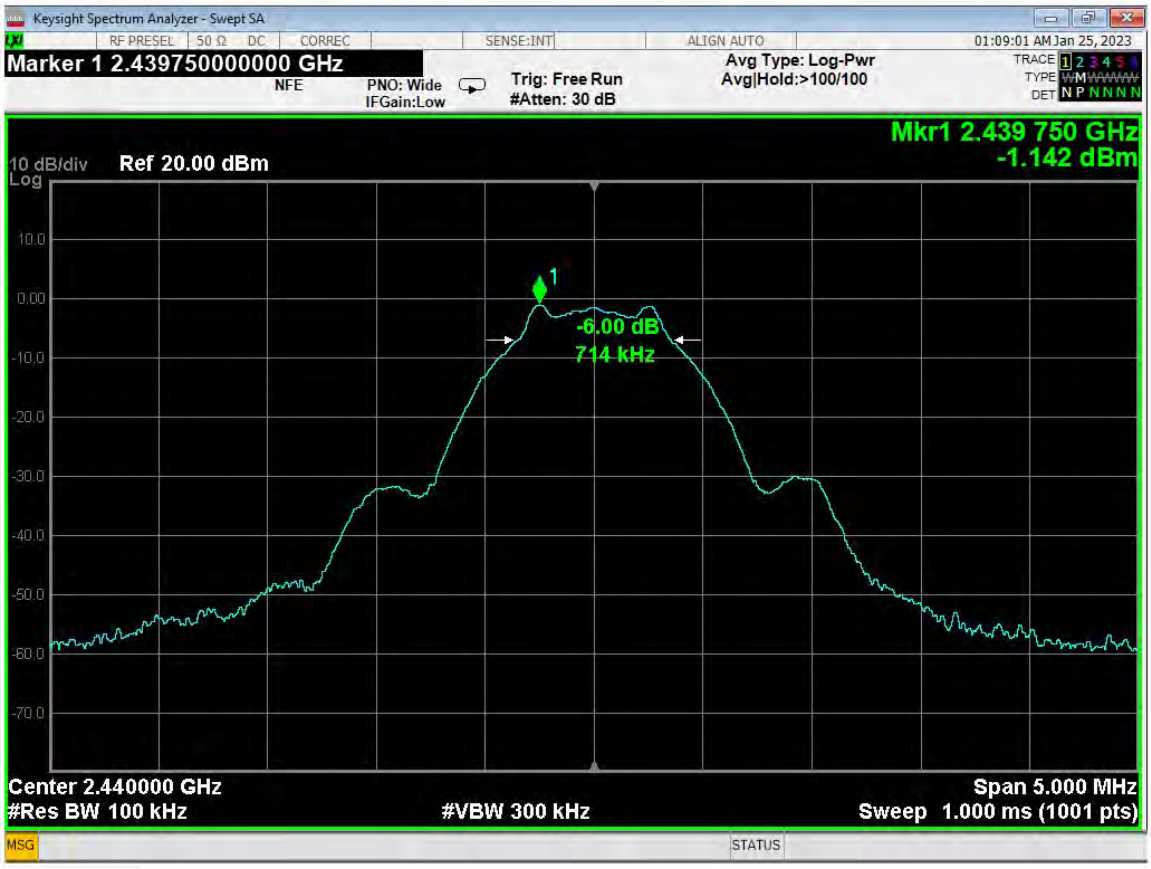


Band Edges – 2402 MHz at 2400 MHz – Conducted

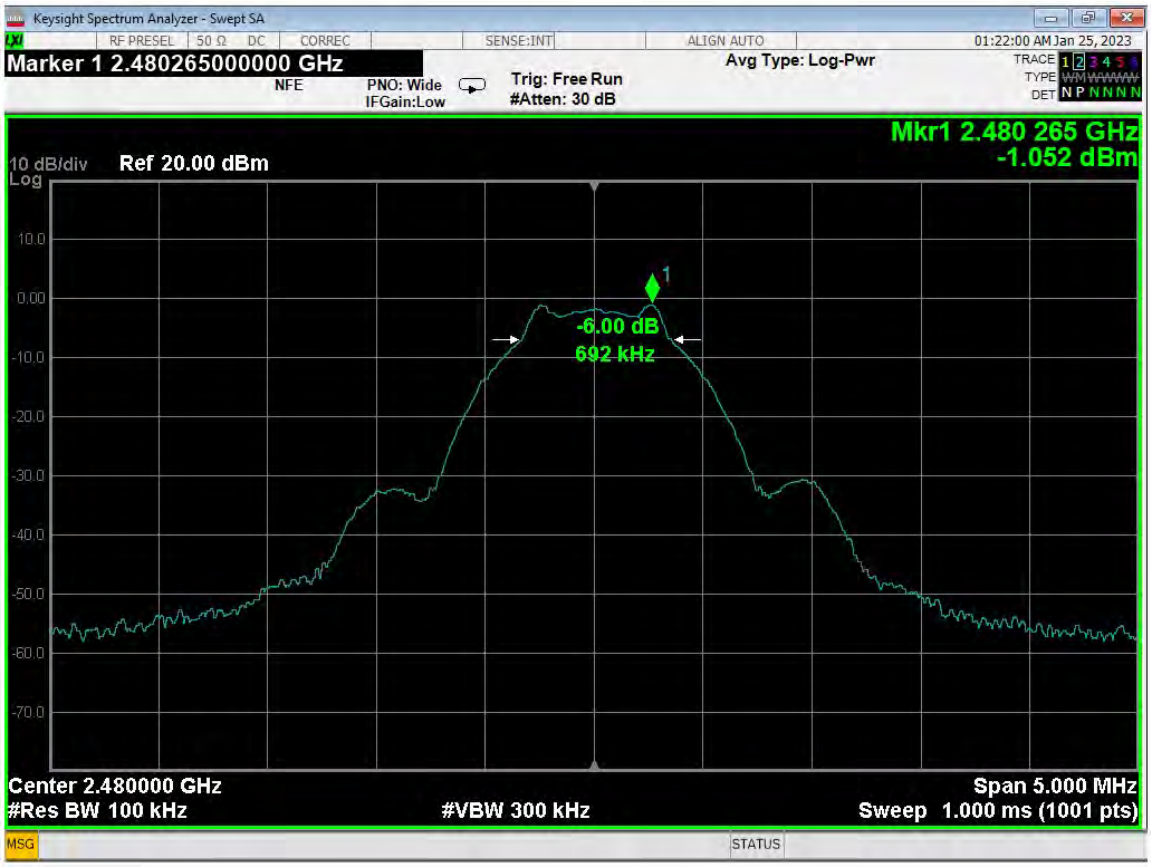
DTS BANDWIDTH DATA SHEETS



Bandwidth 6 dB – 2402 MHz

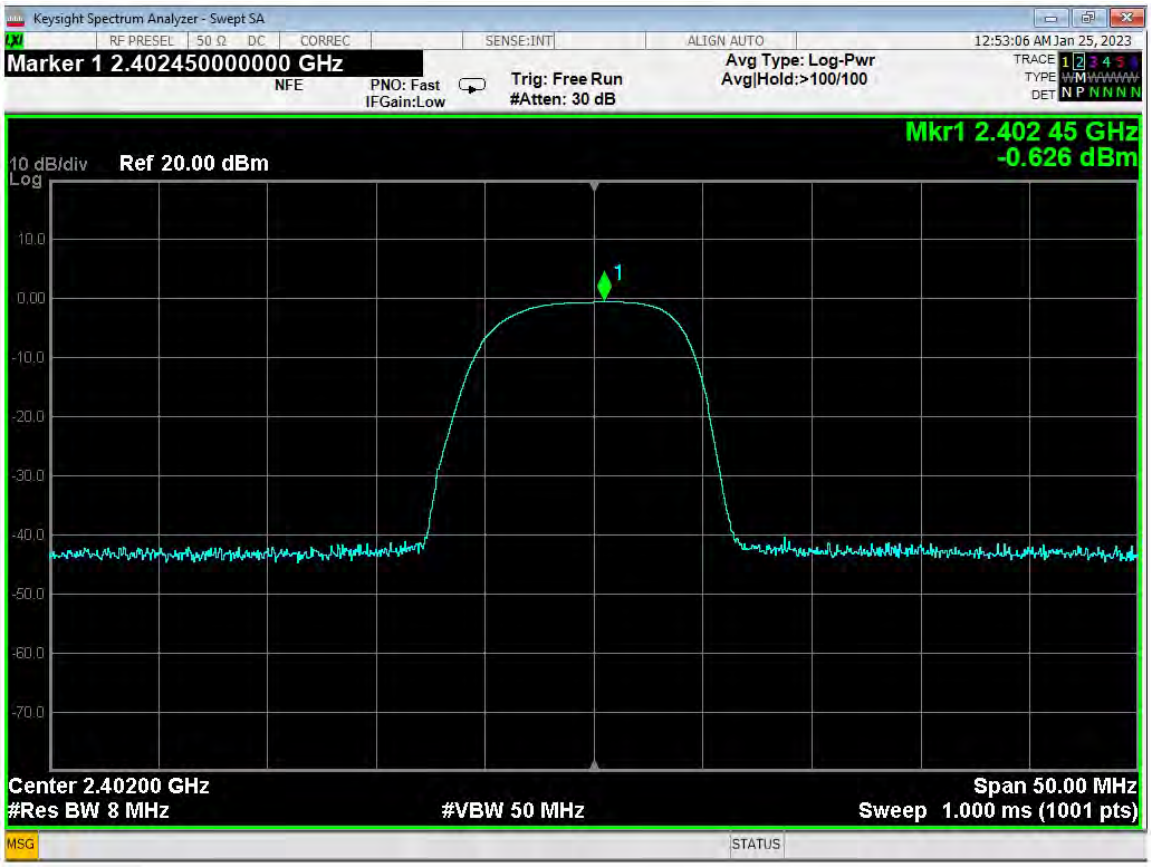


Bandwidth 6 dB – 2440 MHz

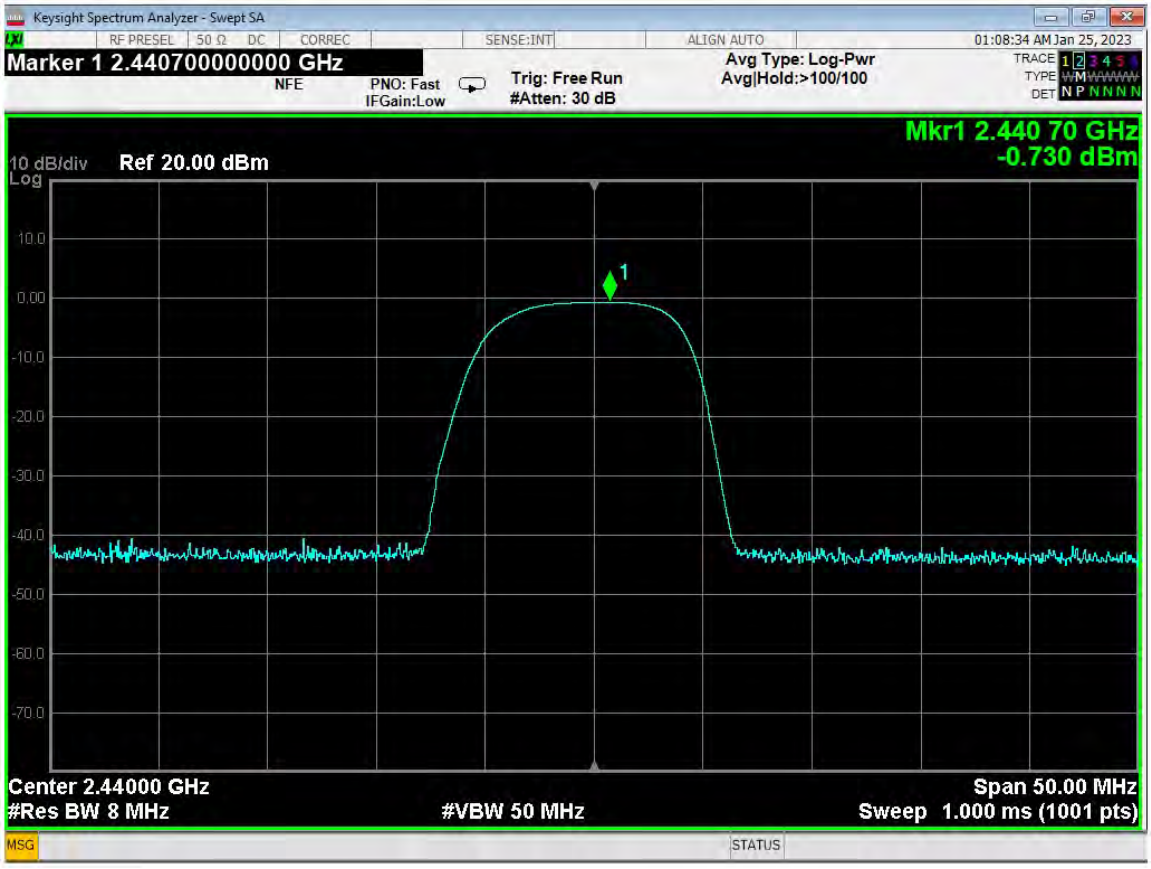


Bandwidth 6 dB – 2480 MHz

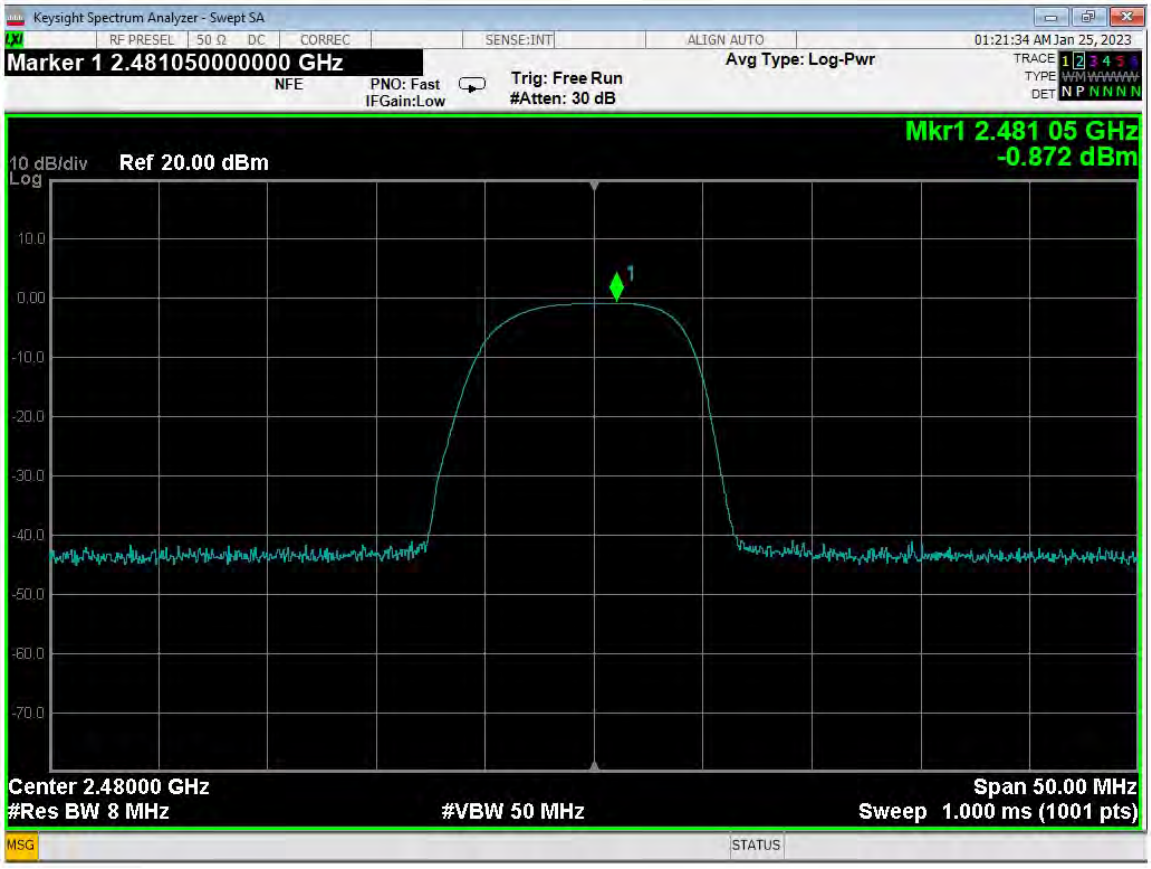
PEAK OUTPUT POWER DATA SHEETS



Peak Power Output – 2402 MHz

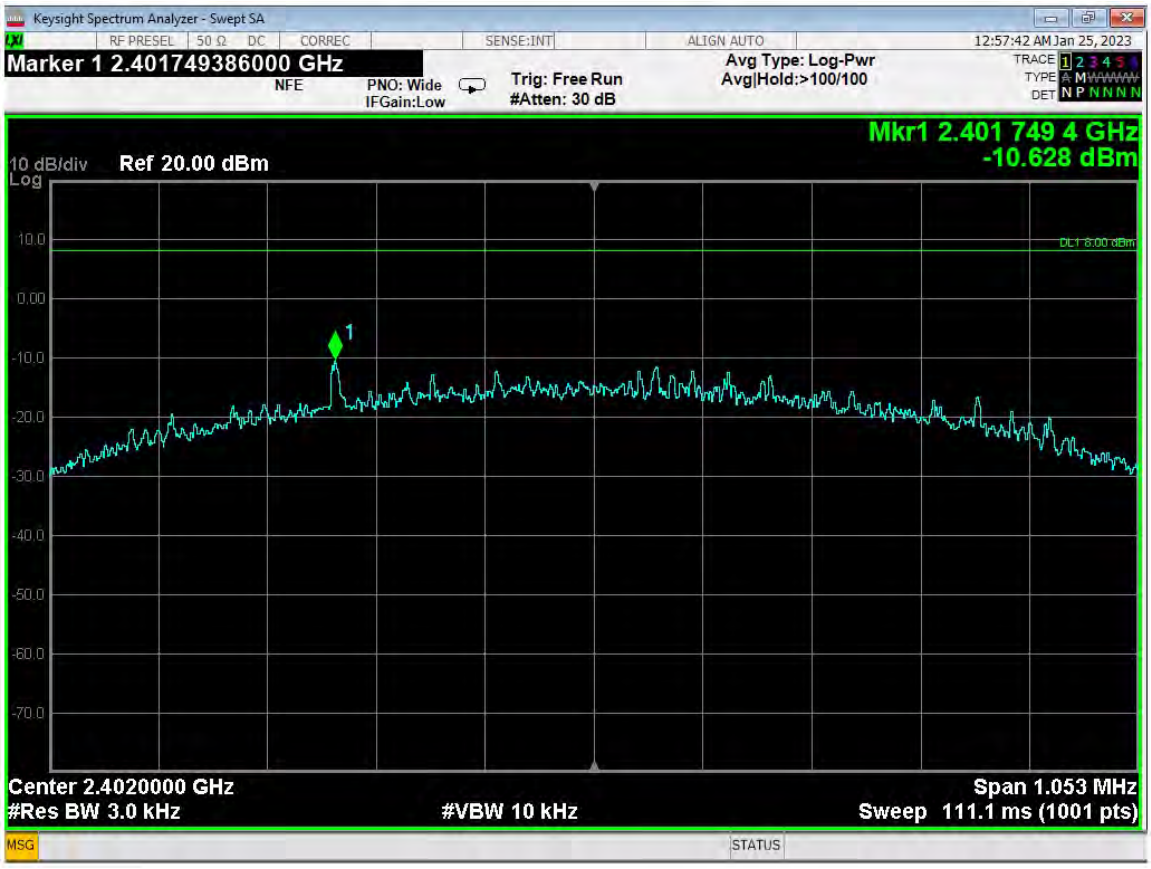


Peak Power Output – 2440 MHz



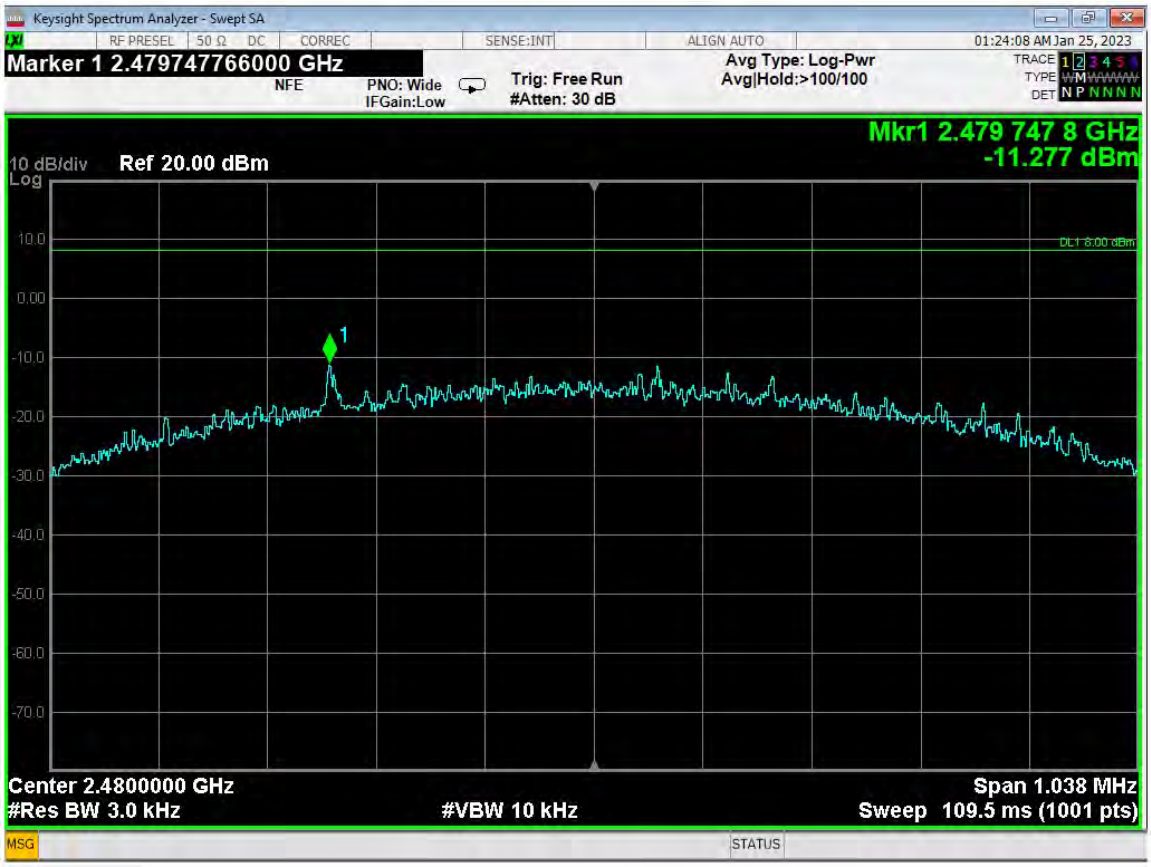
Peak Power Output – 2480 MHz

SPECTRAL DENSITY OUTPUT DATA SHEETS



Special Density Output – 2402 MHz

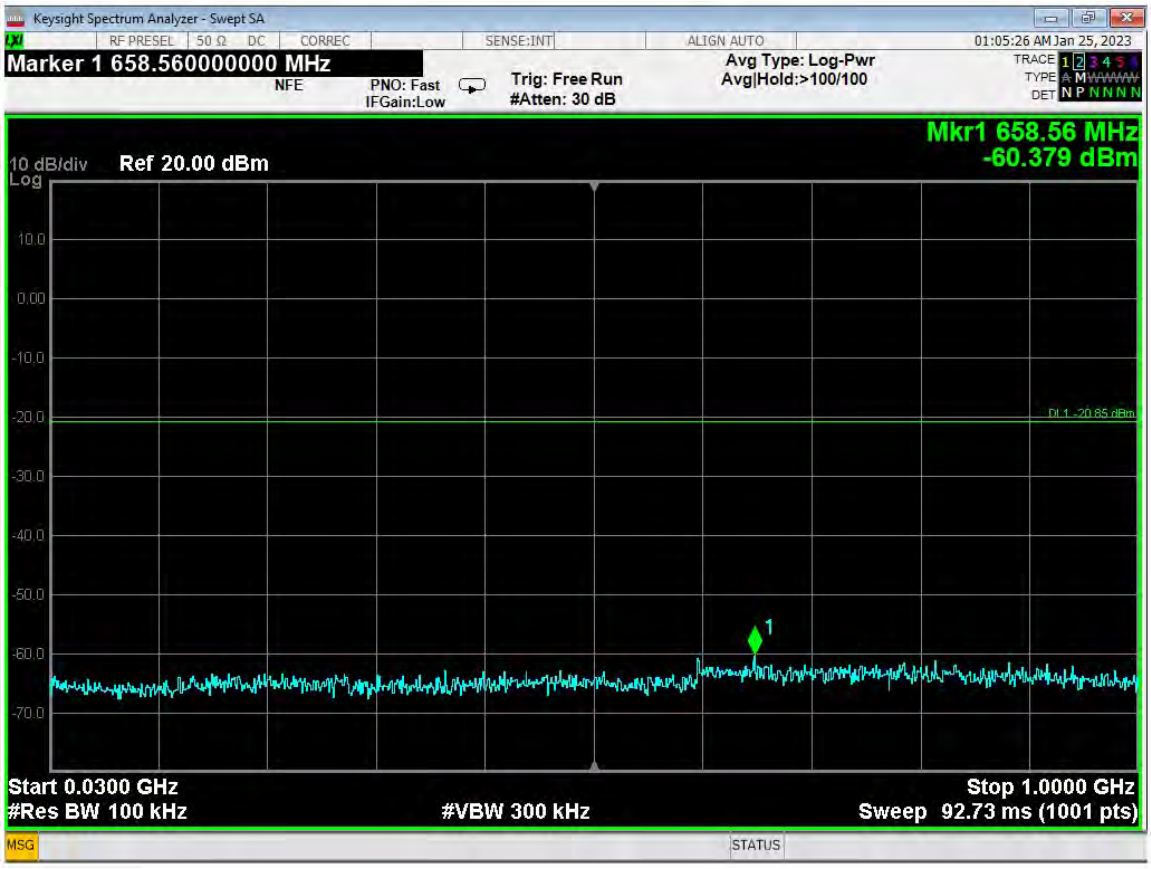
Special Density Output – 2440 MHz



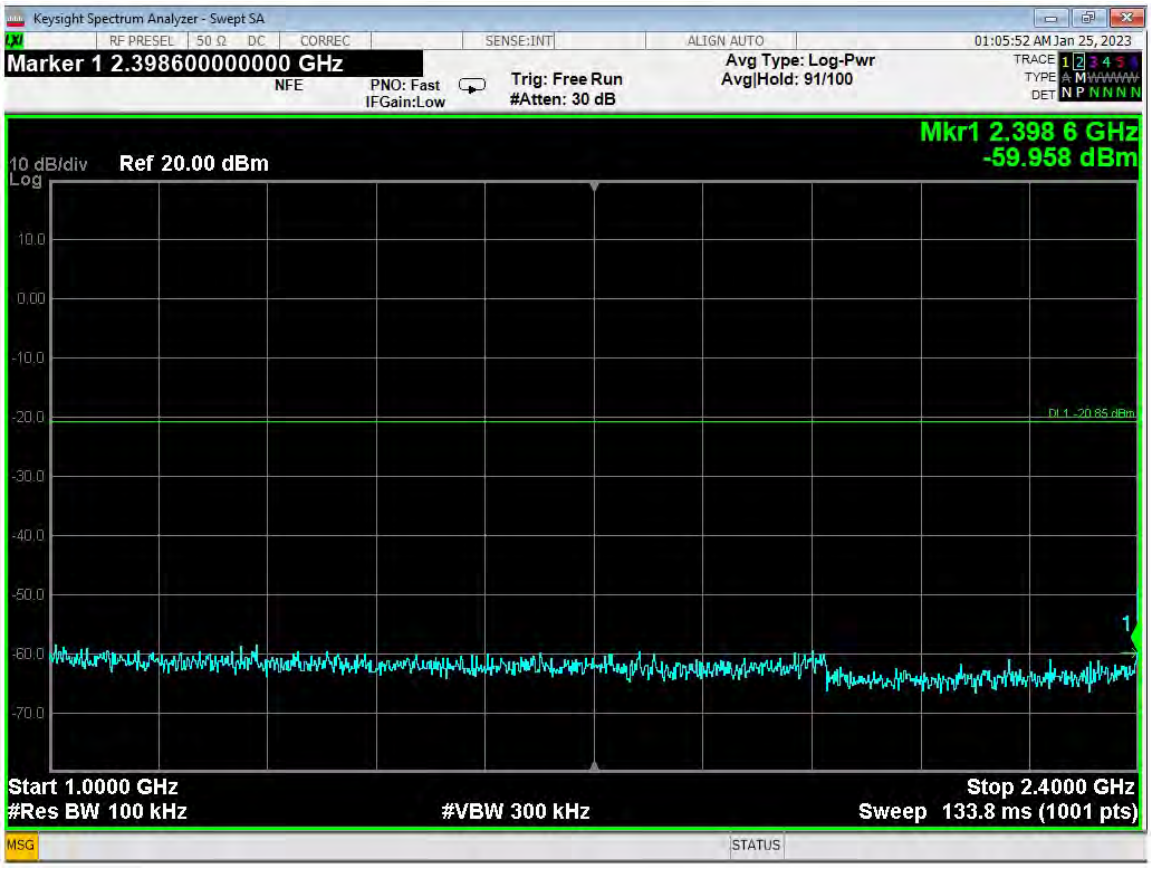
Special Density Output – 2480 MHz

RF ANTENNA CONDUCTED DATA SHEETS

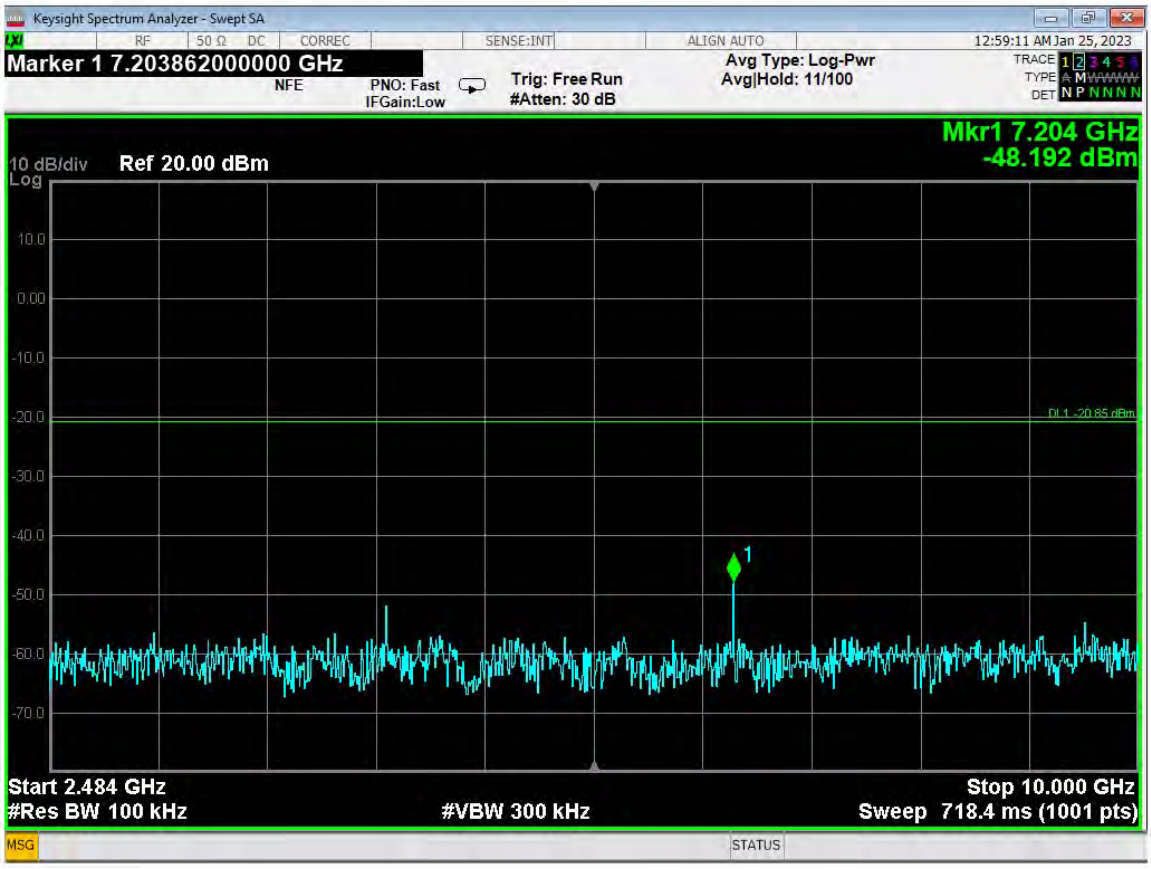
RF Antenna Conducted Test – Low Channel – Reference Level



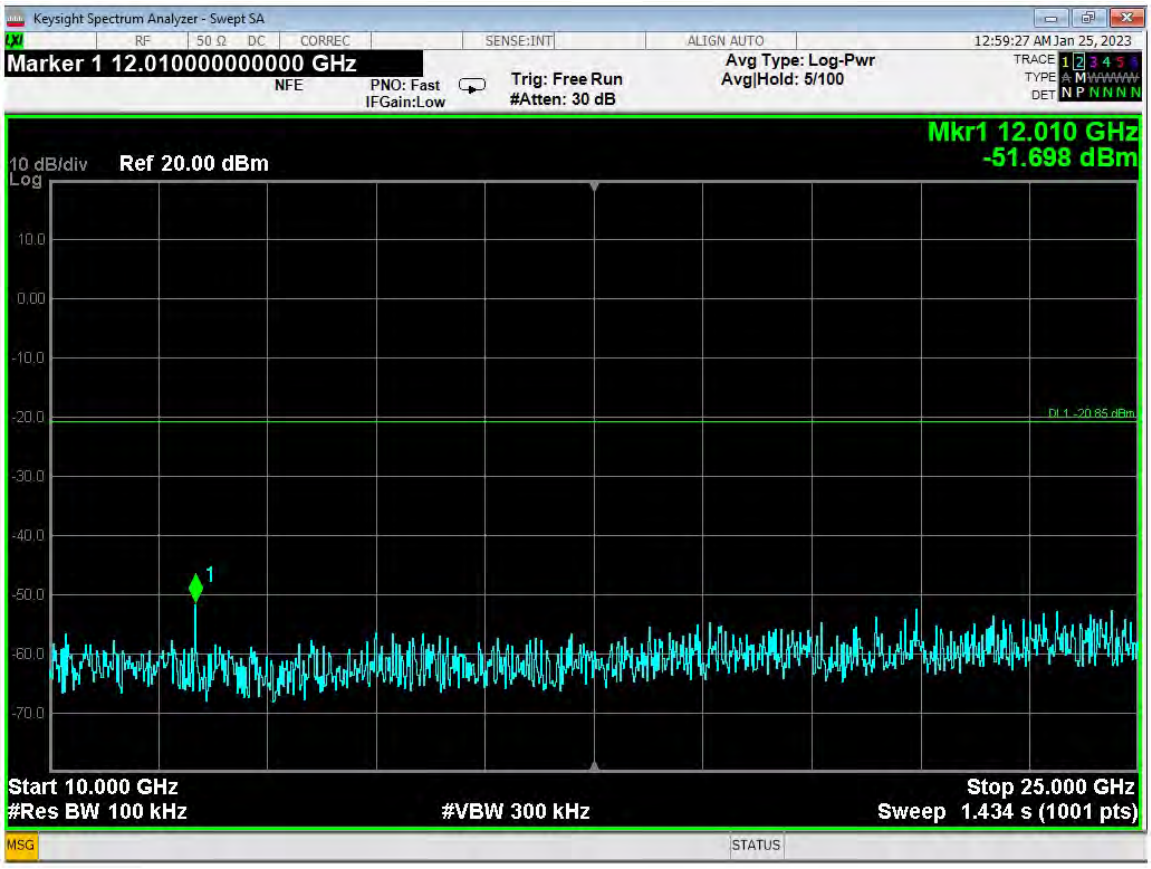
RF Antenna Conducted Test – Low Channel – 30 MHz to 1 GHz



RF Antenna Conducted Test – Low Channel – 1 GHz to 2.4 GHz

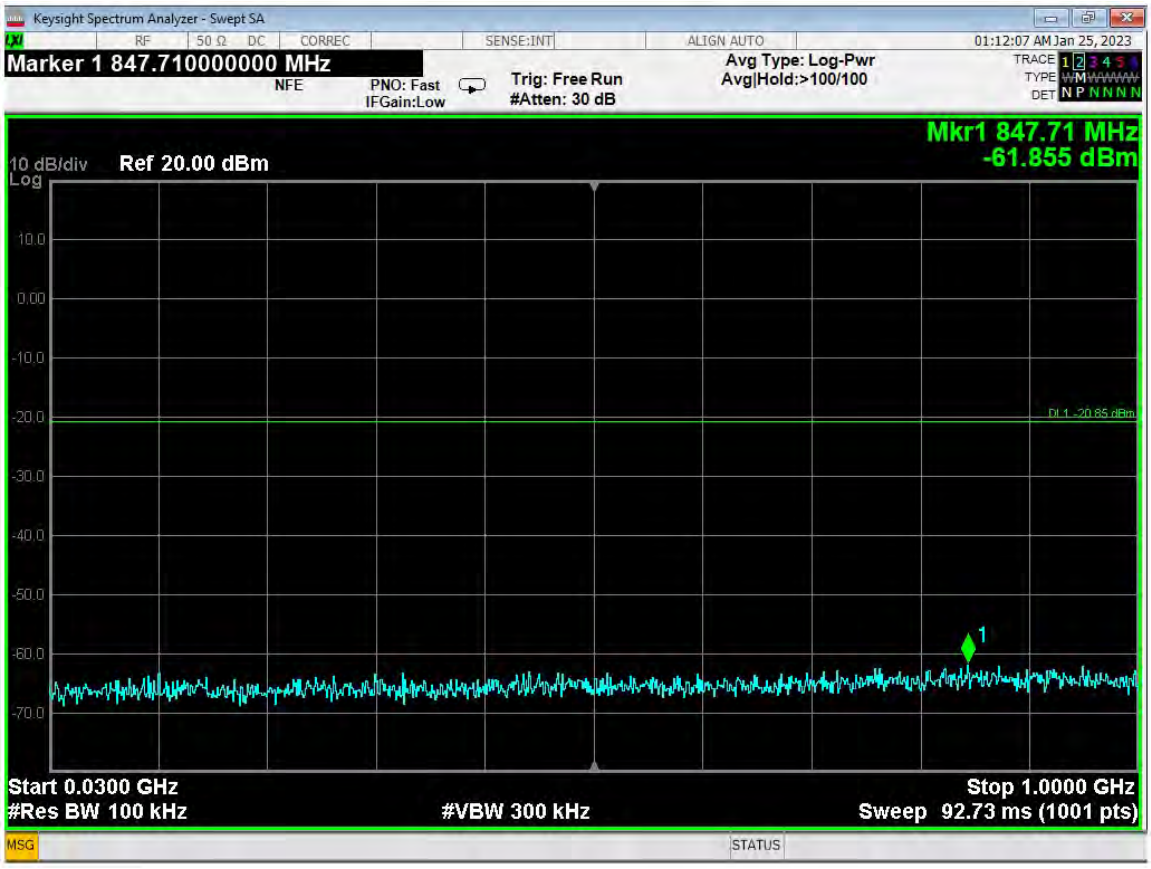


RF Antenna Conducted Test – Low Channel – 2483.5 MHz to 10 GHz

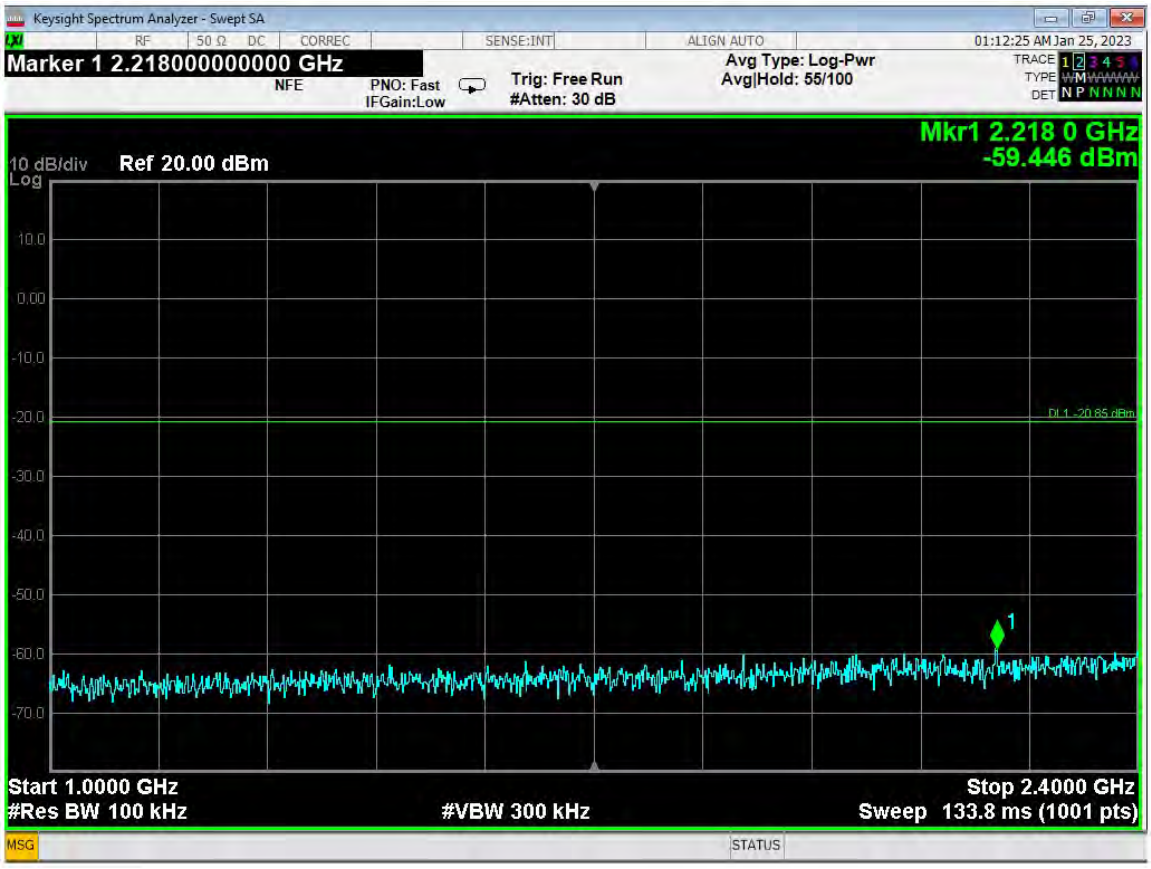


RF Antenna Conducted Test – Low Channel – 10 GHz to 25 GHz

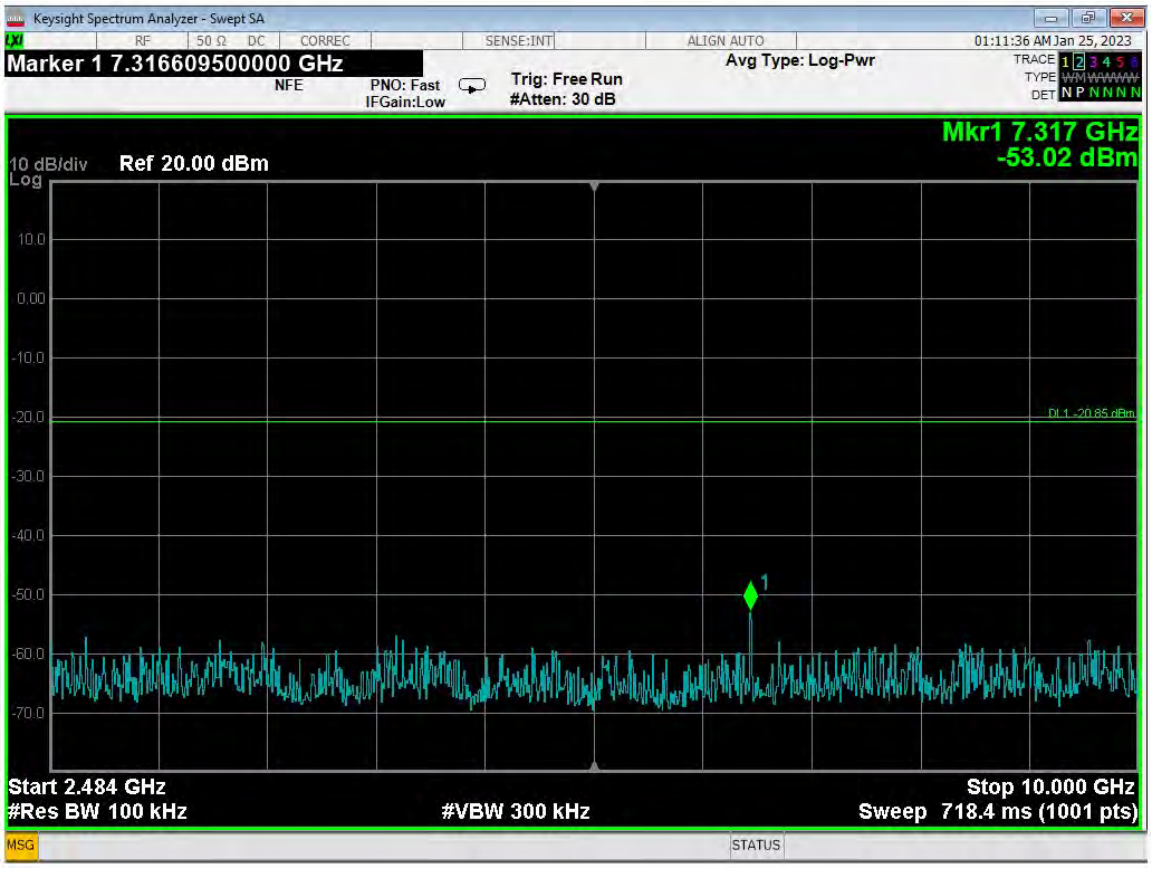
RF Antenna Conducted Test – Mid Channel – Reference Level



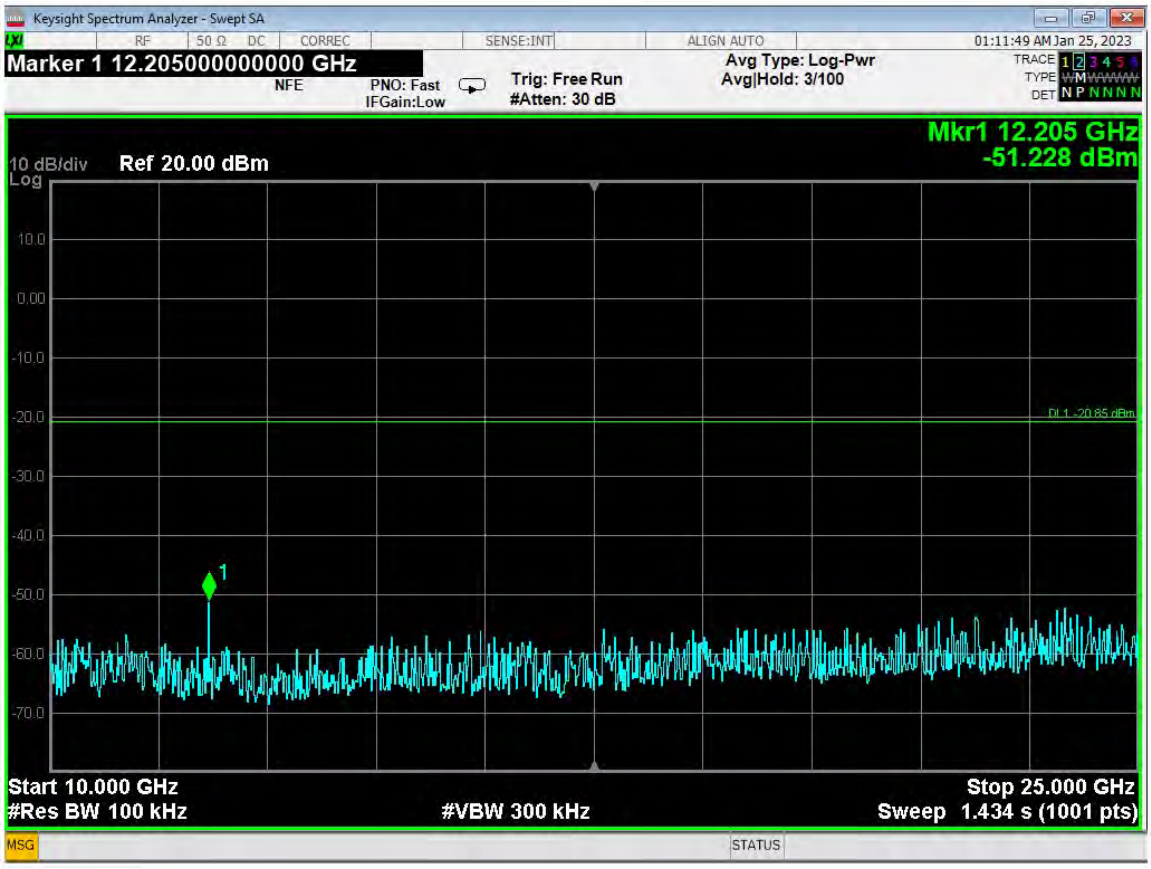
RF Antenna Conducted Test – Mid Channel – 30 MHz to 1 GHz



RF Antenna Conducted Test – Mid Channel – 1 GHz to 2.4 GHz

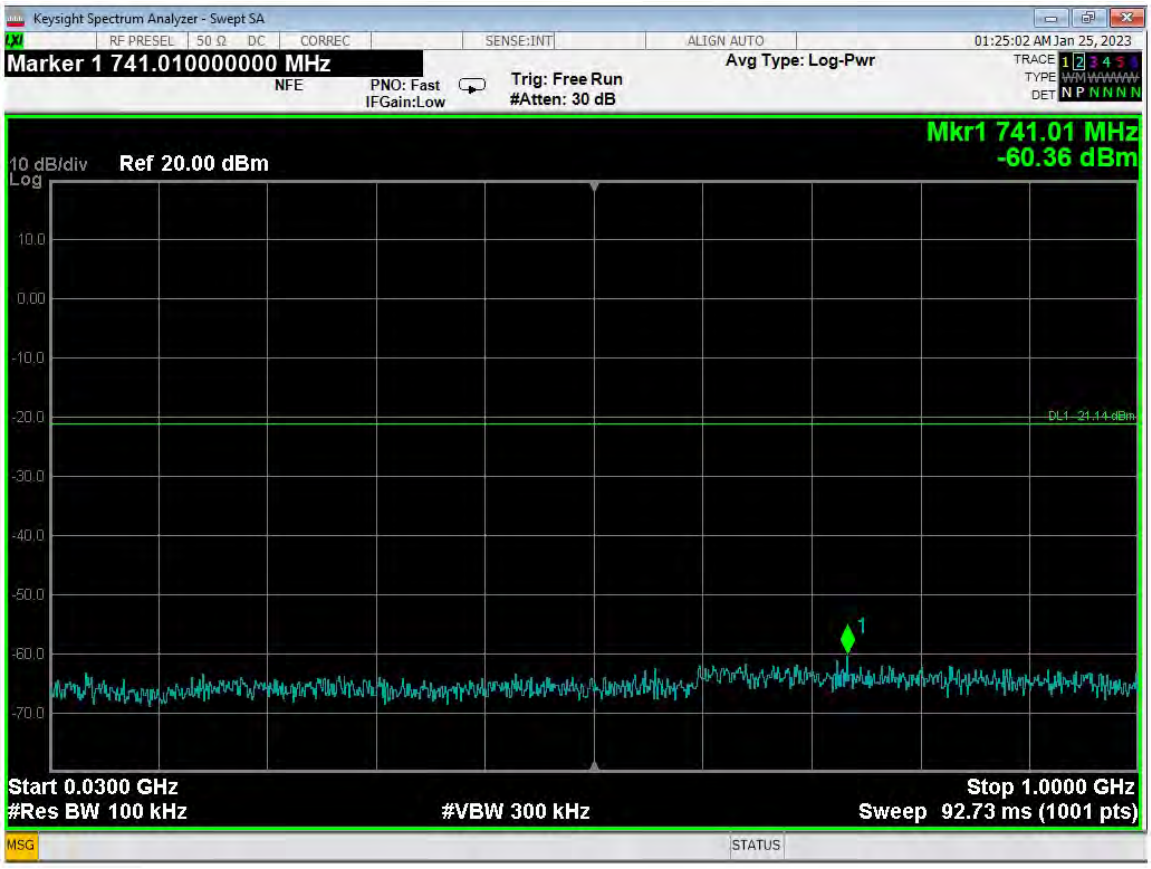


RF Antenna Conducted Test – Mid Channel – 2483.5 MHz to 10 GHz

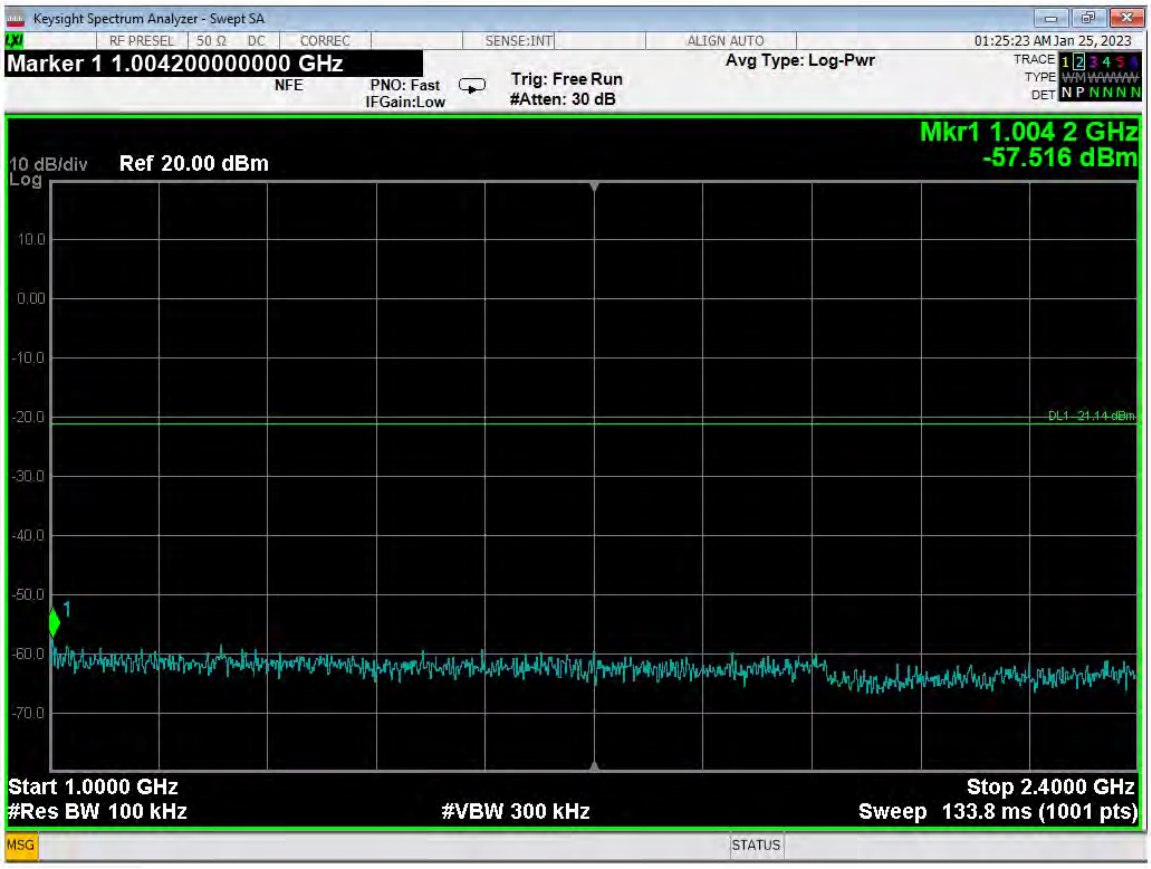


RF Antenna Conducted Test – Mid Channel – 10 GHz to 25 GHz

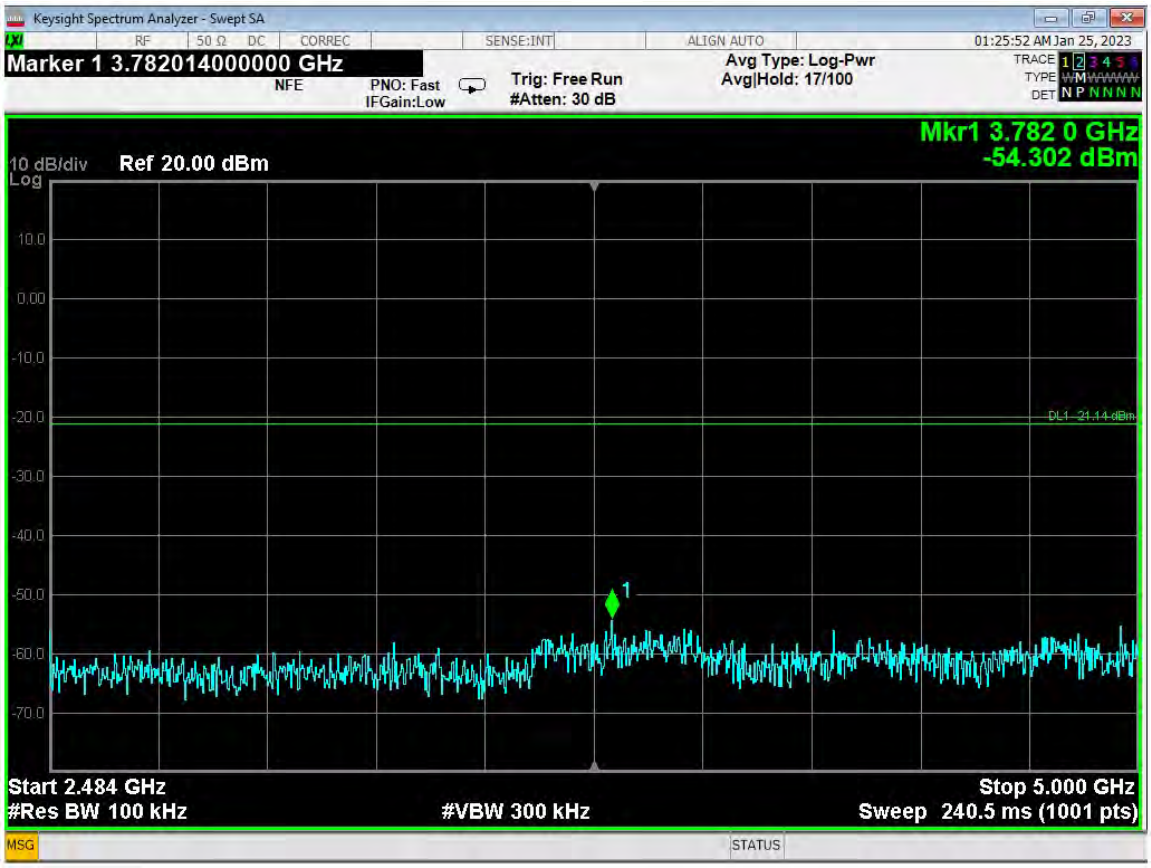
RF Antenna Conducted Test – High Channel – Reference Level



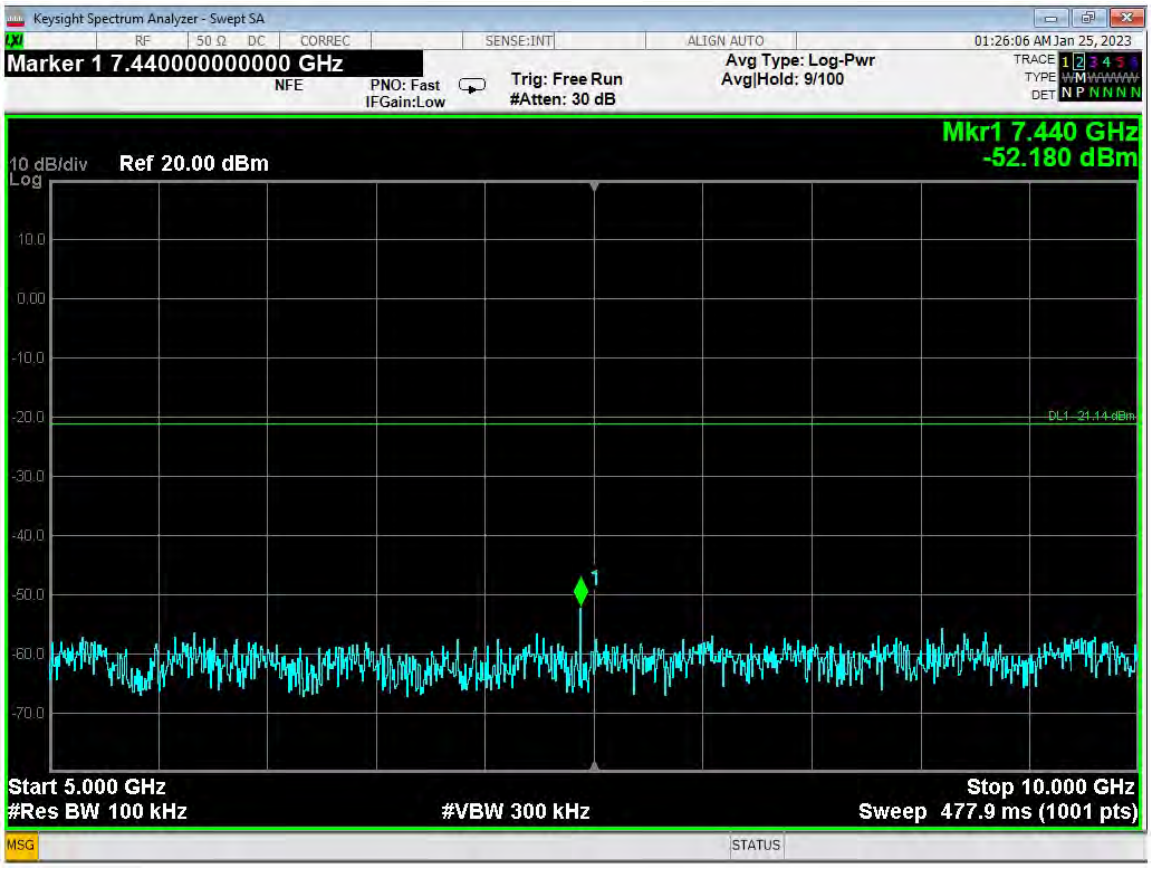
RF Antenna Conducted Test – High Channel – 30 MHz to 1 GHz



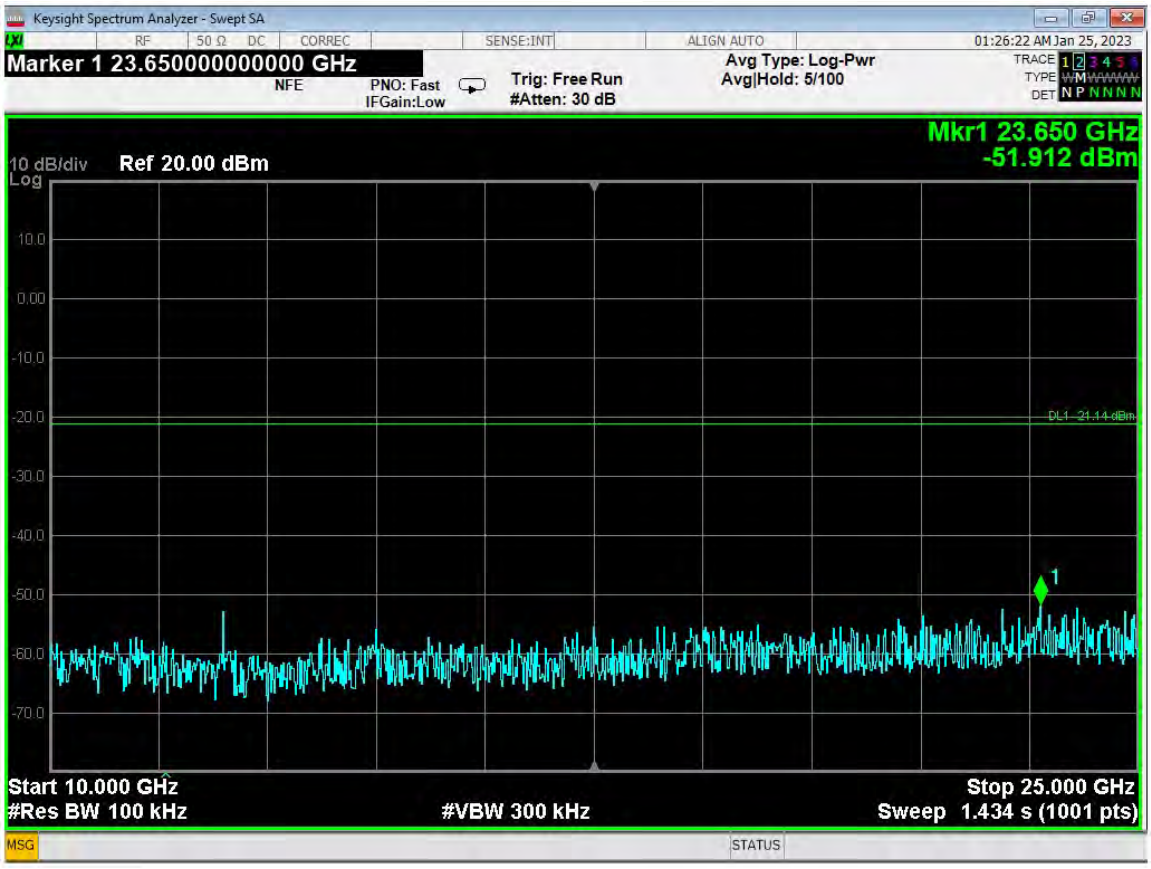
RF Antenna Conducted Test – High Channel – 1 GHz to 2.4 GHz



RF Antenna Conducted Test – High Channel – 2483.5 MHz to 5 GHz



RF Antenna Conducted Test – High Channel – 5 GHz to 10 GHz



RF Antenna Conducted Test – High Channel – 10 GHz to 25 GHz

ELECTRON MINT LLC

WEARABLE DISPLAY

MODEL: eBling

EMISSIONS IN NON-RESTRICTED BANDS

FREQUENCY (MHz)	LEVEL (dBm)	Limit* (dBm)	Margin (dB)
7204.00	-48.192	-20.85	-27.342
2398.60	-59.958	-20.85	-39.108
741.01	-60.360	-21.14	-39.220

Note: The three highest non-restricted emissions are reported.

*The Limit is based on 20 dB below the highest reference level obtained on the previous pages.