



# FCC RF Test Report

**APPLICANT** : Ningbo Lingzhu Technology CO., Ltd.  
**EQUIPMENT** : Control Panel MAX  
**MODEL NAME** : TPA10-M2U,TPA10-M2X  
**FCC ID** : 2A789-TPA10  
**STANDARD** : FCC Part 15 Subpart C §15.247  
**CLASSIFICATION** : (DTS) Digital Transmission System  
**TEST DATE(S)** : May 16, 2023 ~ May 31, 2023

We, Sporton International Inc. (Kunshan), would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. (Kunshan), the test report shall not be reproduced except in full.

Jason Jia

Approved by: Jason Jia



**Sporton International Inc. (Kunshan)**

**No. 1098, Pengxi North Road, Kunshan Economic Development Zone Jiangsu Province 215300  
People's Republic of China**



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### REVISION HISTORY

| REPORT NO. | VERSION | DESCRIPTION             | ISSUED DATE   |
|------------|---------|-------------------------|---------------|
| FR350402B  | Rev. 01 | Initial issue of report | Aug. 18, 2023 |
|            |         |                         |               |
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### SUMMARY OF TEST RESULT

| Report Section | FCC Rule           | Description                                | Limit                 | Result      | Remark                                   |
|----------------|--------------------|--|-----------------------|-------------|--|
| 3.1            | 15.247(a)(2)       | 6dB Bandwidth                              | ≥ 0.5MHz              | Pass        | -  |
| 3.1            | -                  | 99% Bandwidth                              | -                     | Report only | -  |
| 3.2            | 15.247(b)(3)       | Peak Output Power                          | ≤ 30dBm               | Pass        | -  |
| 3.3            | 15.247(e)          | Power Spectral Density                     | ≤ 8dBm/3kHz           | Pass        | -  |
| 3.4            | 15.247(d)          | Conducted Band Edges and Spurious Emission | ≤ 20dBc               | Pass        | -  |
| 3.5            | 15.247(d)          | Radiated Band Edges and Spurious Emission  | 15.209(a) & 15.247(d) | Pass        | Under limit<br>4.14 dB at<br>4804.00 MHz |
| 3.6            | 15.207             | AC Conducted Emission                      | 15.207(a)             | Pass        | Under limit<br>7.09 dB at<br>0.291 MHz   |
| 3.7            | 15.203 & 15.247(b) | Antenna Requirement                        | 15.203 & 15.247(b)    | Pass        | -  |

**Conformity Assessment Condition:**

- The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacture who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
- The measurement uncertainty please refer to each test result in the section "Measurement Uncertainty"

**Disclaimer:**

The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.



# 1 General Description

## 1.1 Applicant

Ningbo Lingzhu Technology CO., Ltd.

No.578,Building 7,No.535 Kangqiao South Road,Jiangbei District,Ningbo,PRC

## 1.2 Manufacturer

Ningbo Lingzhu Technology CO., Ltd.

No.578,Building 7,No.535 Kangqiao South Road,Jiangbei District,Ningbo,PRC

## 1.3 Product Feature of Equipment Under Test

| Product Feature |  |
|-----------------|--|
| Equipment       | Control Panel MAX  |
| Model Name      | TPA10-M2U,TPA10-M2X  |
| FCC ID          | 2A789-TPA10  |
| SN              | RSE: FWAED13ZJ0007D<br>Conducted: ZNVEC28KL00004<br>Conduction: ZNVEC28KL00017 |
| HW Version      | V1.0   |
| SW Version      | V2.X.X   |

**Remark:**

1. The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.
2. The two model name are only for different markets purpose, no other difference.

## 1.4 Product Specification of Equipment Under Test

| Standards-related Product Specification |  |
|---|--|
| Tx/Rx Frequency Range                   | 2402 MHz ~ 2480 MHz  |
| Number of Channels                      | 40   |
| Carrier Frequency of Each Channel       | 40 Channel (37 hopping + 3 advertising channel)                                    |
| Maximum Output Power to Antenna         | Bluetooth LE 1Mbps: 6.78 dBm (0.0048 W)<br>Bluetooth LE 2Mbps: 6.83 dBm (0.0048 W) |
| 99% Occupied Bandwidth                  | Bluetooth LE 1Mbps: 1.019 MHz<br>Bluetooth LE 2Mbps: 2.054 MHz                     |
| Antenna Type / Gain                     | IPEX Antenna type with gain 0.73 dBi   |
| Type of Modulation                      | Bluetooth LE : GFSK  |

## 1.5 Modification of EUT

No modifications are made to the EUT during all test items.



### 1.6 Testing Location

Sporton International Inc. (Kunshan) is accredited to ISO/IEC 17025:2017 by American Association for Laboratory Accreditation with Certificate Number 5145.02.

|                           |  |                            |                                       |
|---------------------------|--|----------------------------|---------------------------------------|
| <b>Test Firm</b>          | Sporton International Inc. (Kunshan)   |                            |                                       |
| <b>Test Site Location</b> | No. 1098, Pengxi North Road, Kunshan Economic Development Zone<br>Jiangsu Province 215300 People’s Republic of China<br>TEL : +86-512-57900158 |                            |                                       |
| <b>Test Site No.</b>      | <b>Sporton Site No.</b>  | <b>FCC Designation No.</b> | <b>FCC Test Firm Registration No.</b> |
|                           | CO01-KS<br>03CH08-KS<br>TH01-KS  | CN1257                     | 314309                                |

### 1.7 Test Software

| Item | Site      | Manufacturer | Name | Version       |
|------|-----------|--------------|------|---------------|
| 1.   | 03CH08-KS | AUDIX        | E3   | 6.2009-8-24al |
| 2.   | CO01-KS   | AUDIX        | E3   | 6.2009-8-24   |

### 1.8 Applicable Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- 47 CFR Part 15 Subpart C §15.247
- FCC KDB 558074 D01 15.247 Meas Guidance v05r02
- ANSI C63.10-2013

**Remark:**

1. All test items were verified and recorded according to the standards and without any deviation during the test.
2. This EUT has also been tested and complied with the requirements of FCC Part 15, Subpart B, recorded in a separate test report.



## 2 Test Configuration of Equipment Under Test

### 2.1 Carrier Frequency Channel

| Frequency Band  | Channel | Freq. (MHz) | Channel | Freq. (MHz) |
|-----------------|---------|-------------|---------|-------------|
| 2400-2483.5 MHz | 0       | 2402        | 21      | 2444        |
|                 | 1       | 2404        | 22      | 2446        |
|                 | 2       | 2406        | 23      | 2448        |
|                 | 3       | 2408        | 24      | 2450        |
|                 | 4       | 2410        | 25      | 2452        |
|                 | 5       | 2412        | 26      | 2454        |
|                 | 6       | 2414        | 27      | 2456        |
|                 | 7       | 2416        | 28      | 2458        |
|                 | 8       | 2418        | 29      | 2460        |
|                 | 9       | 2420        | 30      | 2462        |
|                 | 10      | 2422        | 31      | 2464        |
|                 | 11      | 2424        | 32      | 2466        |
|                 | 12      | 2426        | 33      | 2468        |
|                 | 13      | 2428        | 34      | 2470        |
|                 | 14      | 2430        | 35      | 2472        |
|                 | 15      | 2432        | 36      | 2474        |
|                 | 16      | 2434        | 37      | 2476        |
|                 | 17      | 2436        | 38      | 2478        |
|                 | 18      | 2438        | 39      | 2480        |
|                 | 19      | 2440        | -       | -           |
| 20              | 2442    | -           | -       |             |



## 2.2 Test Mode

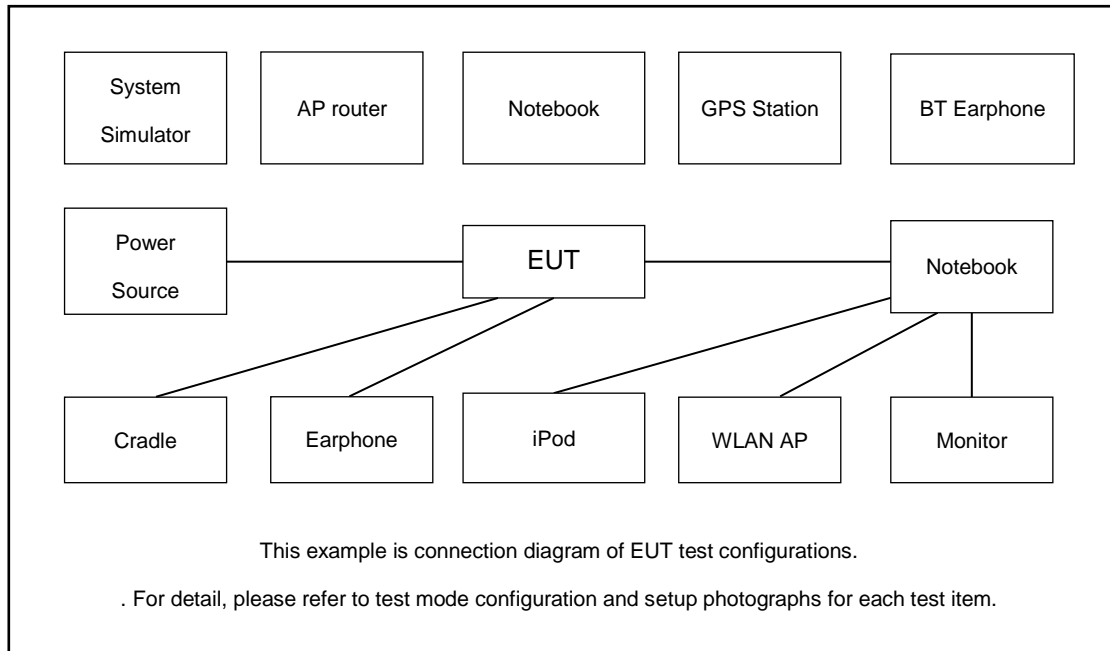
- a. The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application. Frequency range investigated: conduction emission (150 kHz to 30 MHz), radiation emission (9 kHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower). For radiated measurement, pre-scanned in three orthogonal panels, X, Y, Z. The worst cases (Y plane) were recorded in this report.
- b. AC power line Conducted Emission was tested under maximum output power.

The following summary table is showing all test modes to demonstrate in compliance with the standard.

| Summary table of Test Cases |  |
|-----------------------------|--|
| Test Item                   | Data Rate / Modulation   |
|                             | Bluetooth – LE / GFSK  |
| Conducted TCs               | Bluetooth Tx CH00_2402 MHz_1Mbps & 2Mbps<br>Bluetooth Tx CH19_2440 MHz_1Mbps & 2Mbps<br>Bluetooth Tx CH39_2480 MHz_1Mbps & 2Mbps   |
| Radiated TCs                | Bluetooth Tx CH00_2402 MHz_1Mbps & 2Mbps<br>Bluetooth Tx CH19_2440 MHz_1Mbps & 2Mbps<br>Bluetooth Tx CH39_2480 MHz_1Mbps & 2Mbps<br>Co-location: Bluetooth-LE 1M_CH00 + Zigbee_CH26 + WLAN 11n HT40_CH09 |
| AC Conducted Emission       | Bluetooth Link + WLAN Link(2.4G) + AC 120V/60Hz + Notebook(RJ45 Link) + Lamp bulb(L1) + Lamp bulb(L2)  |



### 2.3 Connection Diagram of Test System



### 2.4 Support Unit used in test configuration and system

| Item | Equipment          | Trade Name | Model Name    | FCC ID     | Data Cable | Power Cord  |
|------|--------------------|------------|---------------|------------|------------|---|
| 1.   | WLAN AP            | D-link     | DIR-655       | KA21R655B1 | N/A        | Unshielded,1.8m   |
| 2.   | Notebook           | Lenovo     | V130-15IKB005 | N/A        | N/A        | shielded cable DC O/P 1.8m , Unshielded AC I/P cable 1.8m |
| 3.   | Bluetooth Earphone | Lenovo     | LBH308        | N/A        | N/A        | N/A   |
| 4.   | Lamp bulb          | NA         | N/A           | N/A        | N/A        | N/A   |
| 5.   | Lamp bulb          | NA         | N/A           | N/A        | N/A        | N/A   |



## 2.5 EUT Operation Test Setup

For BLE function, the engineering test program was provided and enabled to make EUT continuous transmit.

For AC power line conducted emissions, the EUT was set to connect with the WLAN AP under large package sizes transmission.

## 2.6 Measurement Results Explanation Example

### For all conducted test items:

The offset level is set in the spectrum analyzer to compensate the RF cable loss and attenuator factor between EUT conducted output port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level is exactly the EUT RF output level.

Example :

The spectrum analyzer offset is derived from RF cable loss and attenuator factor.

*Offset = RF cable loss + attenuator factor.*

Following shows an offset computation example with cable loss 5.60 dB

$$\begin{aligned} \text{Offset(dB)} &= \text{RF cable loss(dB)} \\ &= 5.60(\text{dB}) \end{aligned}$$

### 3 Test Result

#### 3.1 6dB and 99% Bandwidth Measurement

##### 3.1.1 Limit of 6dB and 99% Bandwidth

The minimum 6 dB bandwidth shall be at least 500 kHz.

##### 3.1.2 Measuring Instruments

The section 4.0 of List of Measuring Equipment of this test report is used for test.

##### 3.1.3 Test Procedures

1. The testing follows ANSI C63.10-2013 clause 11.8
2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.
3. Set to the maximum power setting and enable the EUT transmit continuously.
4. Make the measurement with the spectrum analyzer's resolution bandwidth (RBW) = 100 kHz. Set the Video bandwidth (VBW) = 300 kHz. In order to make an accurate measurement. The 6 dB bandwidth must be greater than 500 kHz.
5. For 99% Bandwidth Measurement, the spectrum analyzer's resolution bandwidth (RBW) is set 1% to 5% of the 99% OBW and the VBW is set to 3 times of the RBW.
6. Measure and record the results in the test report.

##### 3.1.4 Test Setup



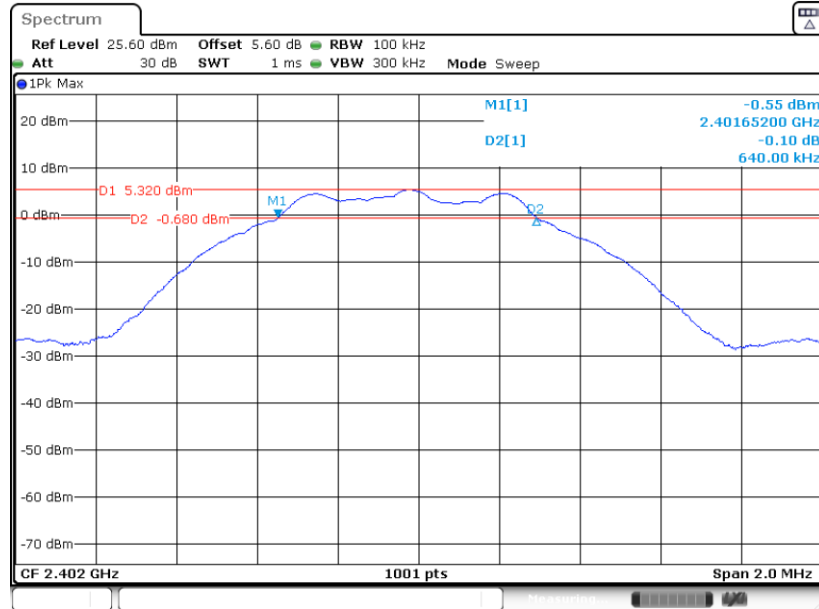


### 3.1.5 Test Result of 6dB Bandwidth

Please refer to Appendix A.

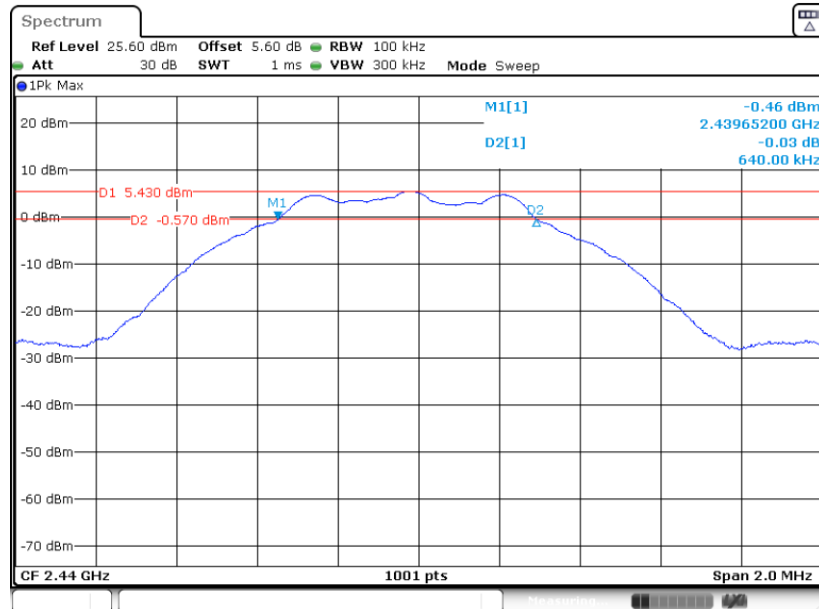
#### Bluetooth LE 1Mbps

#### 6 dB Bandwidth Plot on Channel 00



Date: 30.MAY.2023 03:16:22

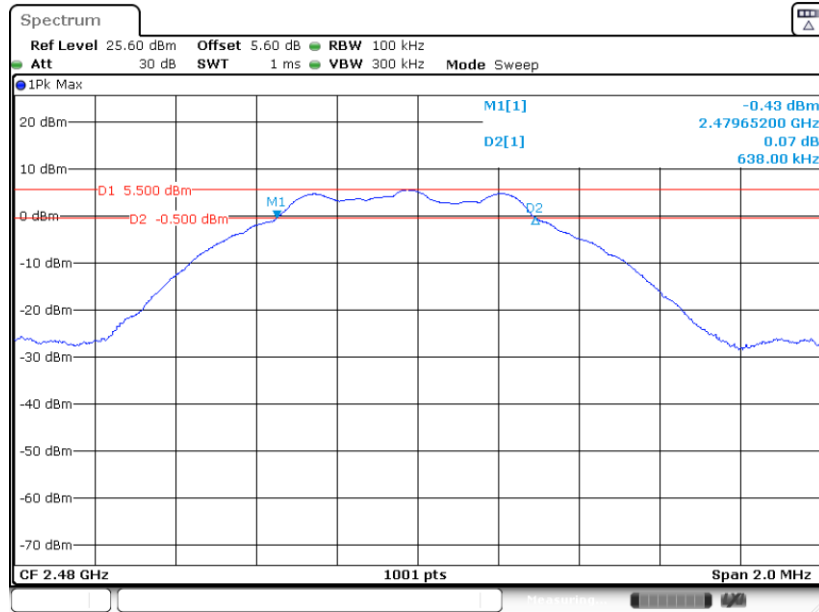
#### 6 dB Bandwidth Plot on Channel 19



Date: 30.MAY.2023 03:21:48



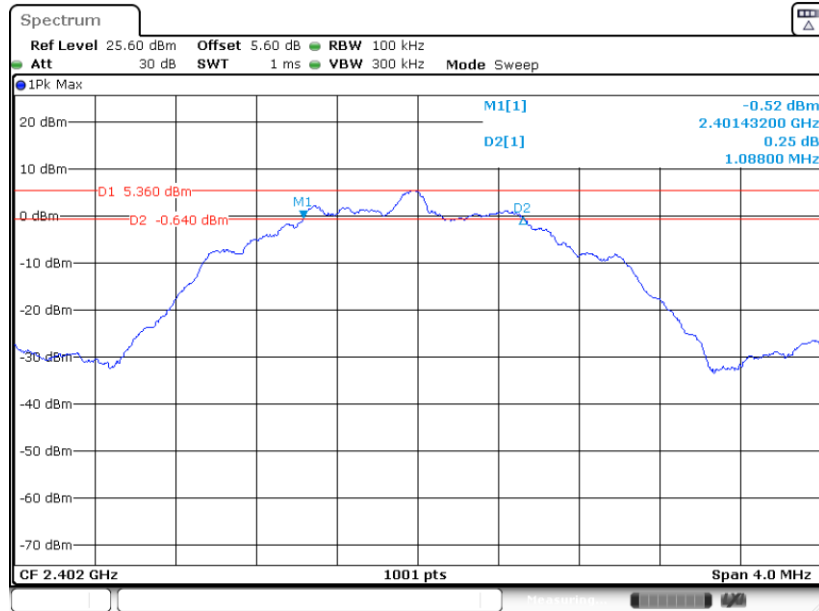
6 dB Bandwidth Plot on Channel 39



Date: 30.MAY.2023 03:25:18

Bluetooth LE 2Mbps

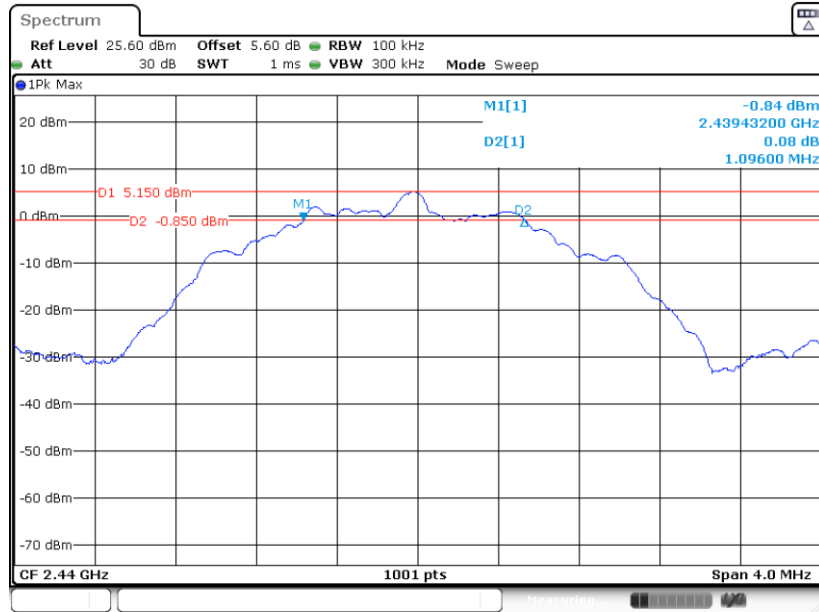
6 dB Bandwidth Plot on Channel 00



Date: 30.MAY.2023 03:31:44

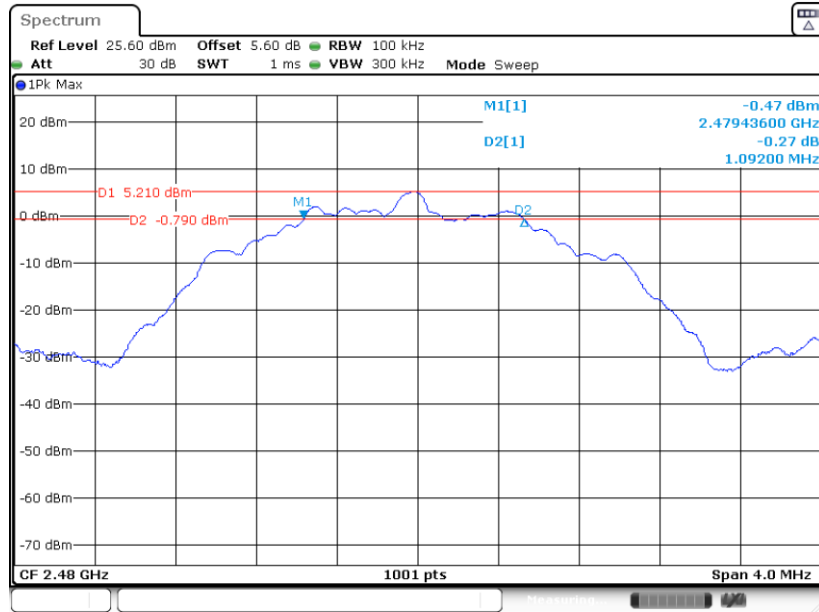


6 dB Bandwidth Plot on Channel 19



Date: 30.MAY.2023 03:43:51

6 dB Bandwidth Plot on Channel 39



Date: 30.MAY.2023 03:48:50

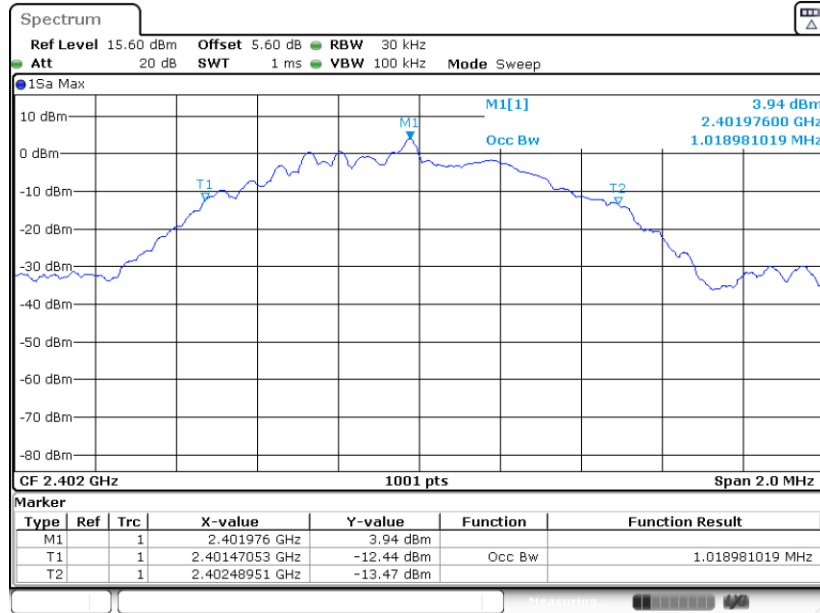


### 3.1.6 Test Result of 99% Occupied Bandwidth

Please refer to Appendix A.

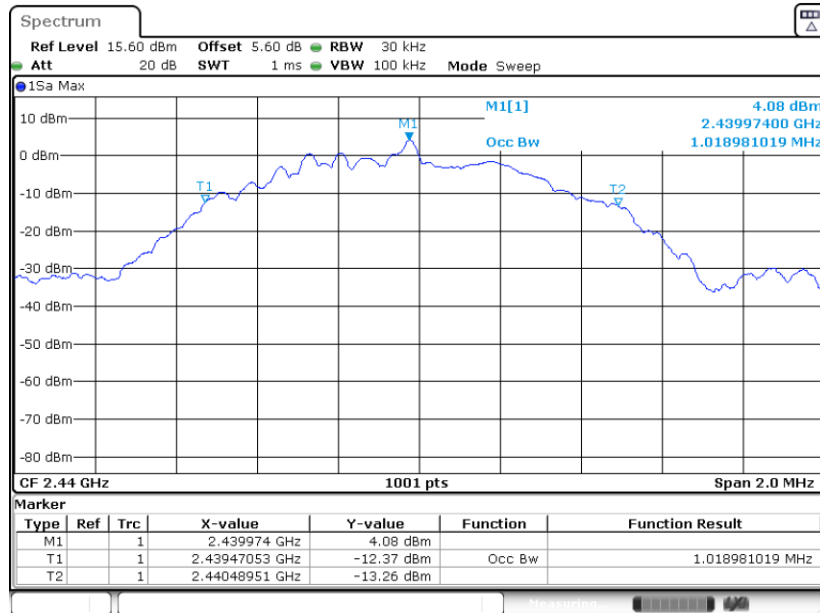
#### Bluetooth LE 1Mbps

#### 99% Occupied Bandwidth Plot on Channel 00



Date: 30.MAY.2023 03:18:09

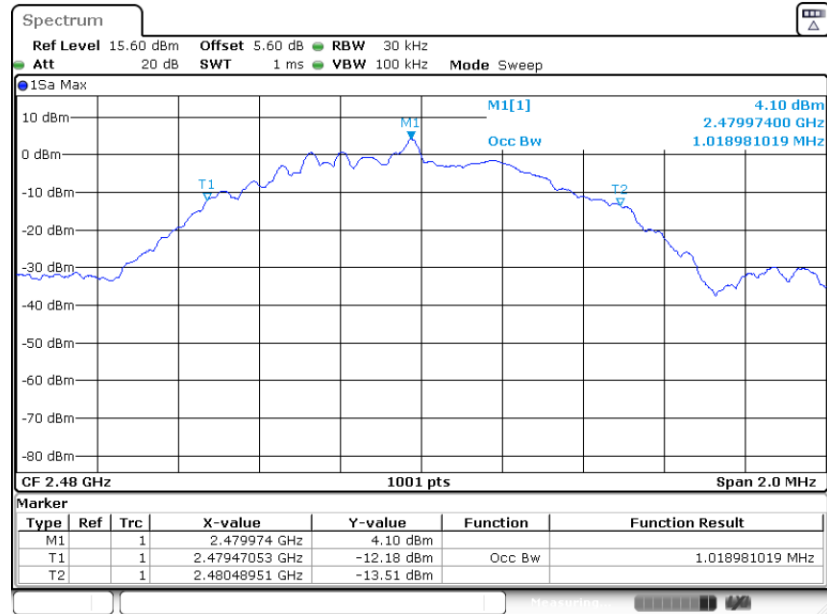
#### 99% Occupied Bandwidth Plot on Channel 19



Date: 30.MAY.2023 03:23:16



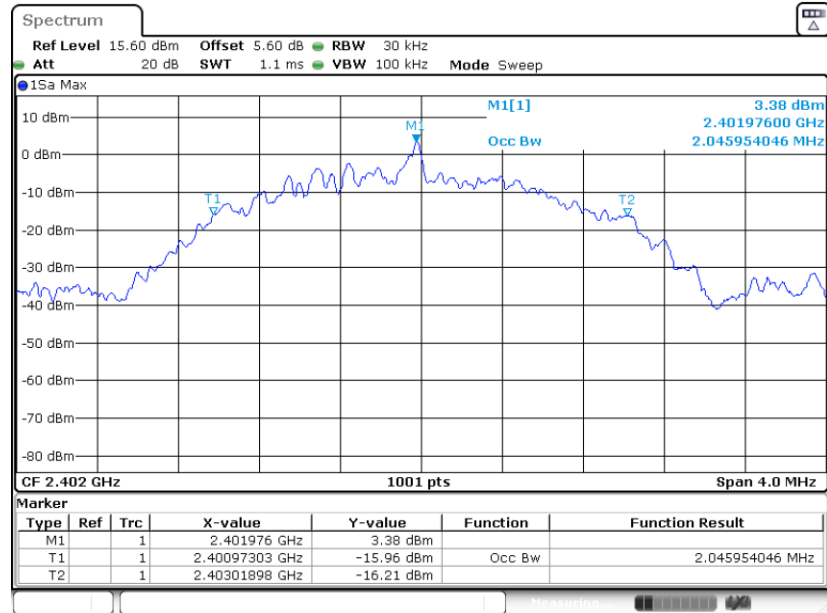
99% Occupied Bandwidth Plot on Channel 39



Date: 30.MAY.2023 03:27:05

Bluetooth LE 2Mbps

99% Occupied Bandwidth Plot on Channel 00

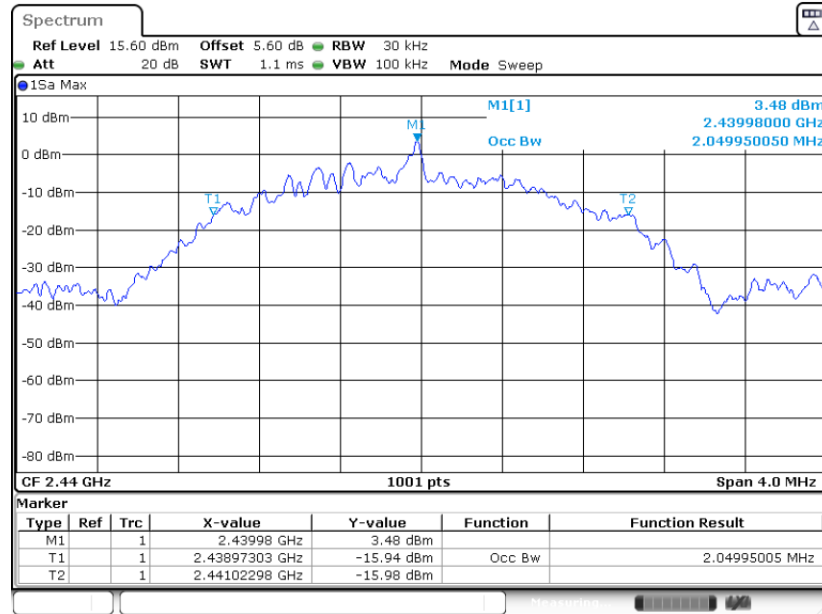


Date: 30.MAY.2023 03:33:31



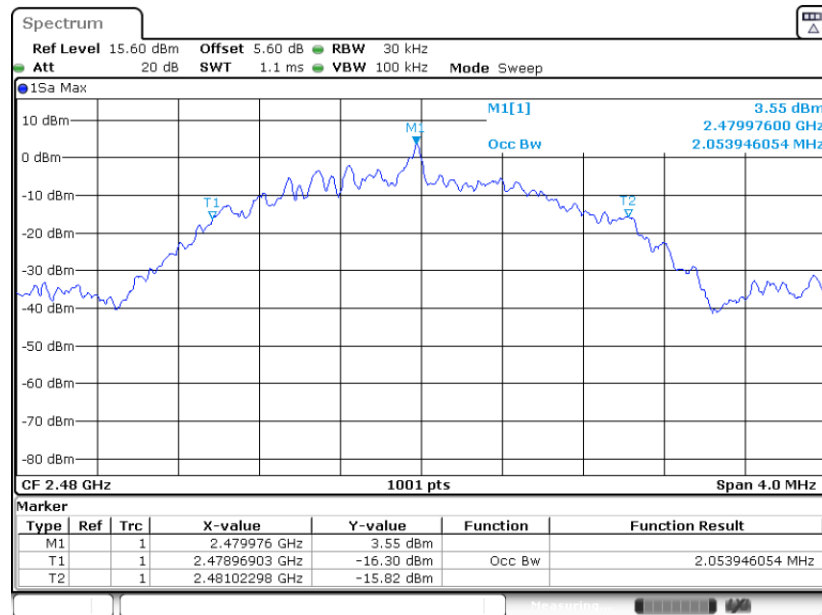


99% Occupied Bandwidth Plot on Channel 19



Date: 30.MAY.2023 03:45:39

99% Occupied Bandwidth Plot on Channel 39



Date: 30.MAY.2023 03:50:37

Note : The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

## 3.2 Output Power Measurement

### 3.2.1 Limit of Output Power

For systems using digital modulation in the 2400-2483.5MHz, the limit for peak output power is 30dBm. If transmitting antenna of directional gain greater than 6dBi is used, the peak output power from the intentional radiator shall be reduced below the above stated value by the amount in dB that the directional gain of the antenna exceeds 6 dBi. In case of point-to-point operation, the limit has to be reduced by 1dB for every 3dB that the directional gain of the antenna exceeds 6dBi.

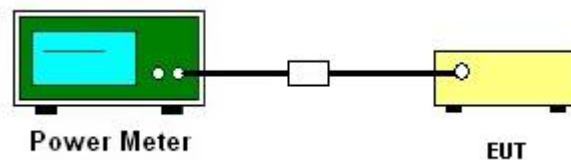
### 3.2.2 Measuring Instruments

The section 4.0 of List of Measuring Equipment of this test report is used for test.

### 3.2.3 Test Procedures

1. The testing follows the Measurement Procedure of ANSI C63.10-2013 clause 11.9.1.3 PKPM1 Peak power meter or ANSI C63.10-2013 clause 11.9.2.3.1 Method AVGPM method.
2. The RF output of EUT was connected to the power meter by RF cable and attenuator. The path loss was compensated to the results for each measurement.
3. Set to the maximum power setting and enable the EUT transmit continuously.
4. Measure the conducted output power and record the results in the test report.

### 3.2.4 Test Setup



### 3.2.5 Test Result of Peak Output Power

Please refer to Appendix A.

### 3.2.6 Test Result of Average Output Power (Reporting Only)

Please refer to Appendix A.

### 3.3 Power Spectral Density Measurement

#### 3.3.1 Limit of Power Spectral Density

The peak power spectral density shall not be greater than 8dBm in any 3kHz band at any time interval of continuous transmission.

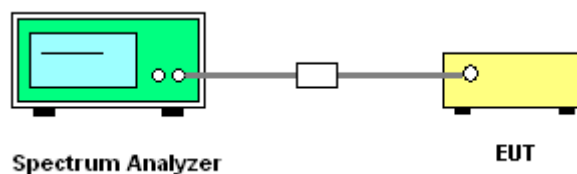
#### 3.3.2 Measuring Instruments

The section 4.0 of List of Measuring Equipment of this test report is used for test.

#### 3.3.3 Test Procedures

1. The testing follows Measurement Procedure of ANSI C63.10-2013 clause 11.10.2 Method PKPSD.
2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.
3. Set to the maximum power setting and enable the EUT transmit continuously.
4. Make the measurement with the spectrum analyzer's resolution bandwidth (RBW) = 3 kHz. Video bandwidth VBW = 10 kHz In order to make an accurate measurement, set the span to 1.5 times DTS Channel Bandwidth. (6dB BW)
5. Detector = peak, Sweep time = auto couple, Trace mode = max hold, Allow trace to fully stabilize. Use the peak marker function to determine the maximum power level.
6. Measure and record the results in the test report.
7. The Measured power density (dBm)/ 100kHz is a reference level and used as 20dBc down limit line for Conducted Band Edges and Conducted Spurious Emission.

#### 3.3.4 Test Setup



#### 3.3.5 Test Result of Power Spectral Density

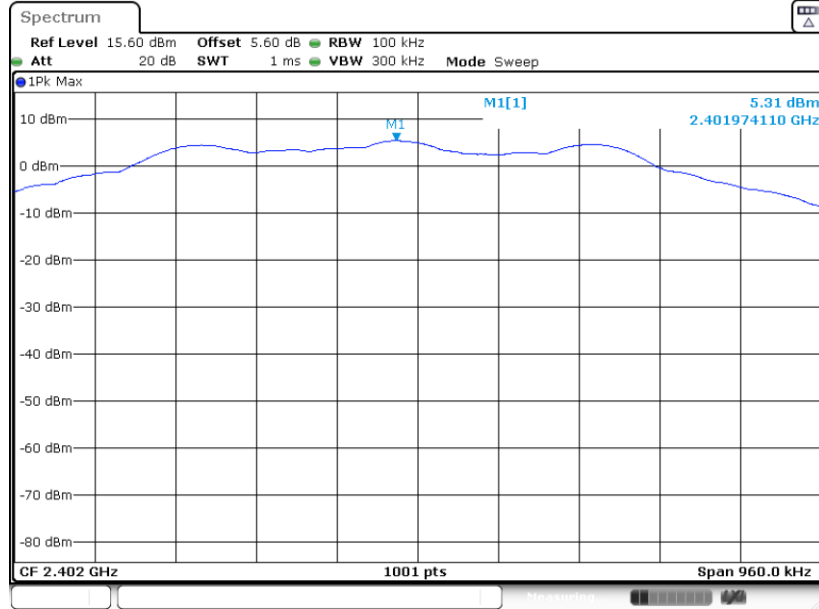
Please refer to Appendix A.



### 3.3.6 Test Result of Power Spectral Density Plots (100kHz)

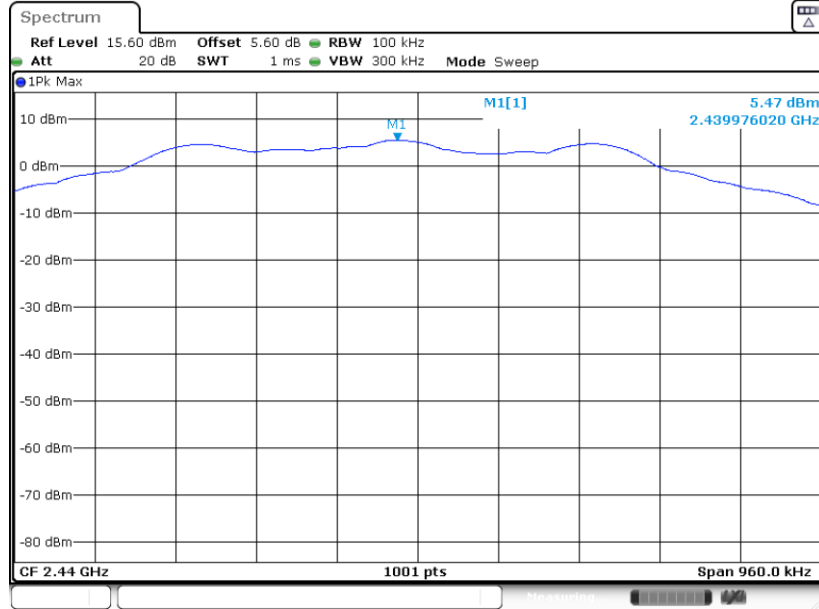
#### Bluetooth LE 1Mbps

#### PSD 100kHz Plot on Channel 00



Date: 30.MAY.2023 03:17:00

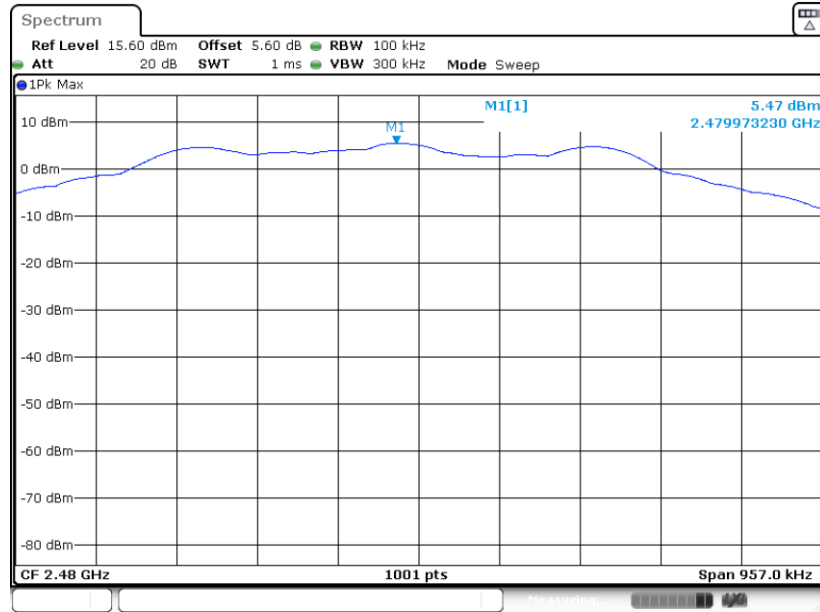
#### PSD 100kHz Plot on Channel 19



Date: 30.MAY.2023 03:22:26



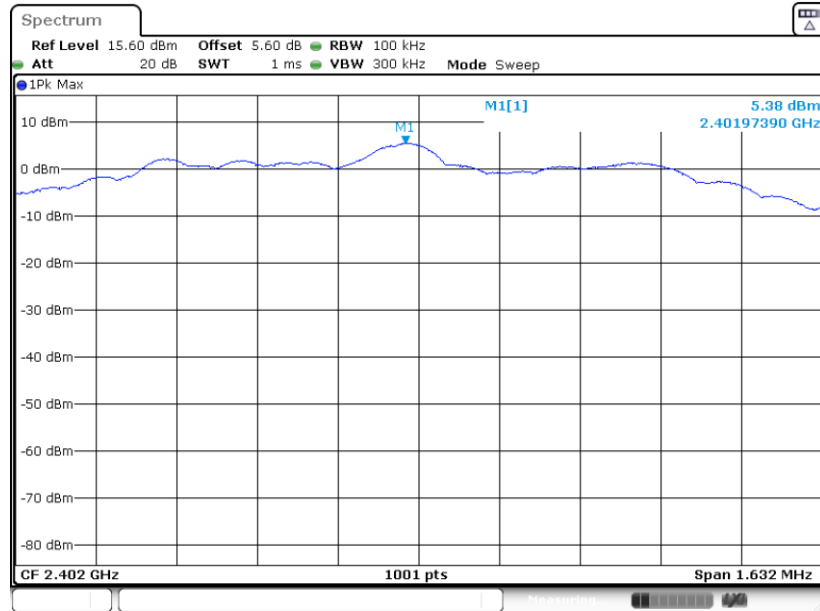
PSD 100kHz Plot on Channel 39



Date: 30.MAY.2023 03:25:56

Bluetooth LE 2Mbps

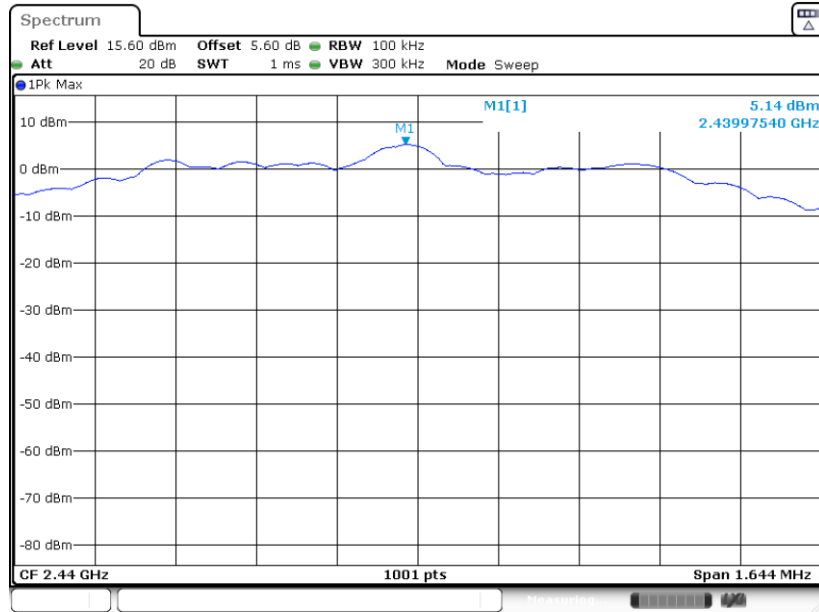
PSD 100kHz Plot on Channel 00



Date: 30.MAY.2023 03:32:22

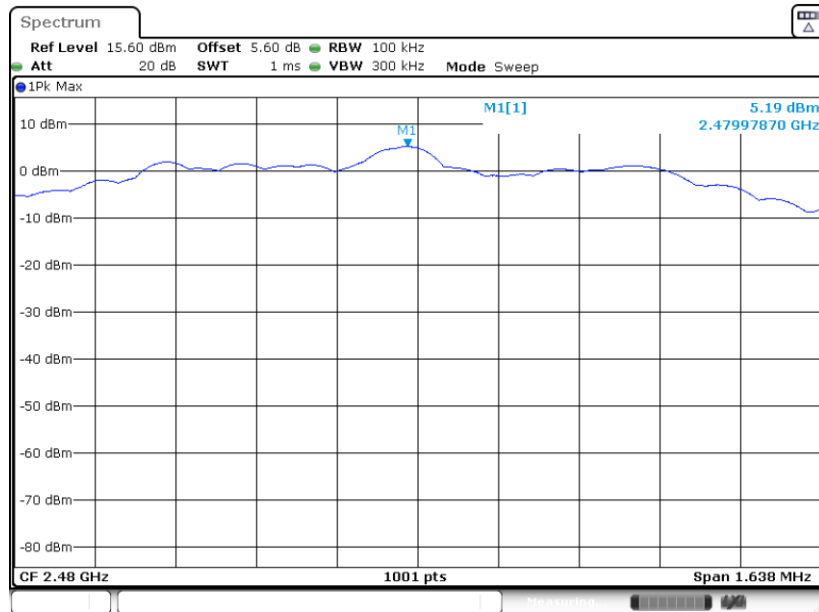


PSD 100kHz Plot on Channel 19



Date: 30.MAY.2023 03:44:30

PSD 100kHz Plot on Channel 39



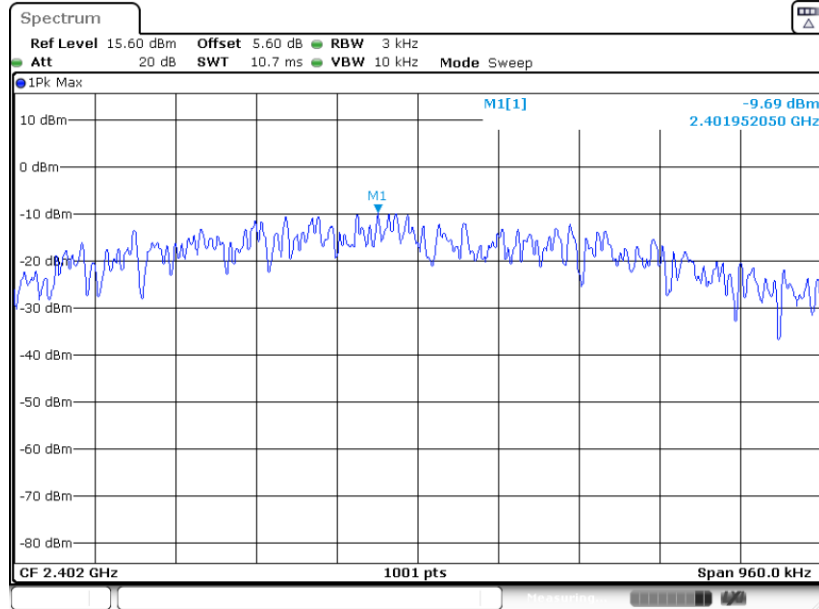
Date: 30.MAY.2023 03:49:28



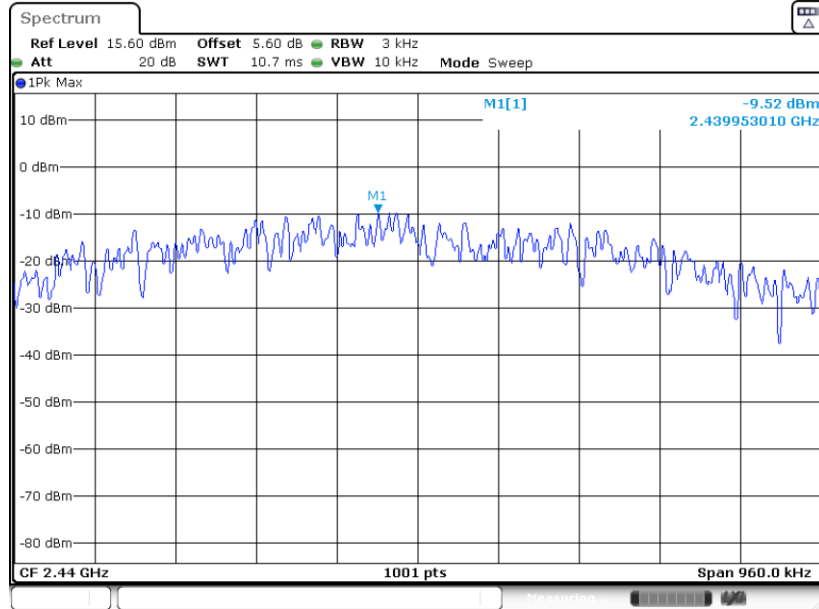
### 3.3.7 Test Result of Power Spectral Density Plots (3kHz)

#### Bluetooth LE 1Mbps

#### PSD 3kHz Plot on Channel 00

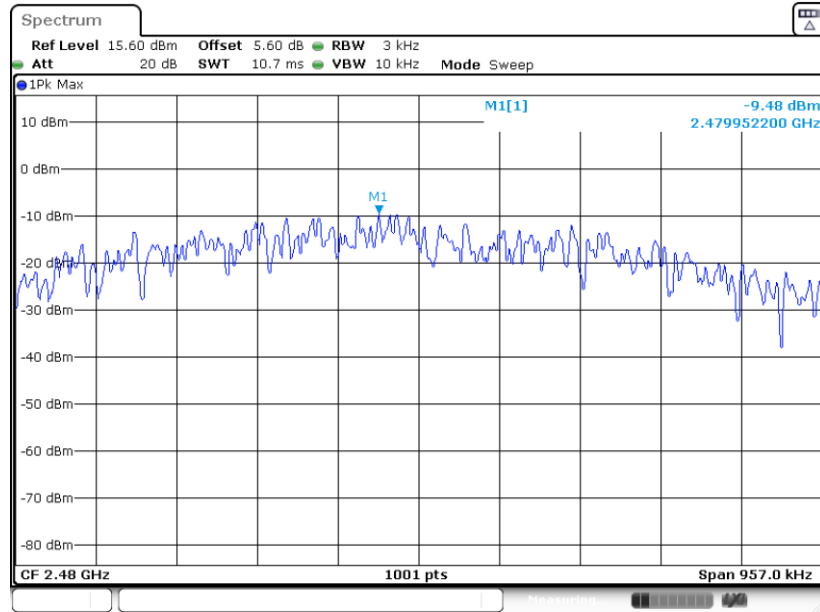


#### PSD 3kHz Plot on Channel 19





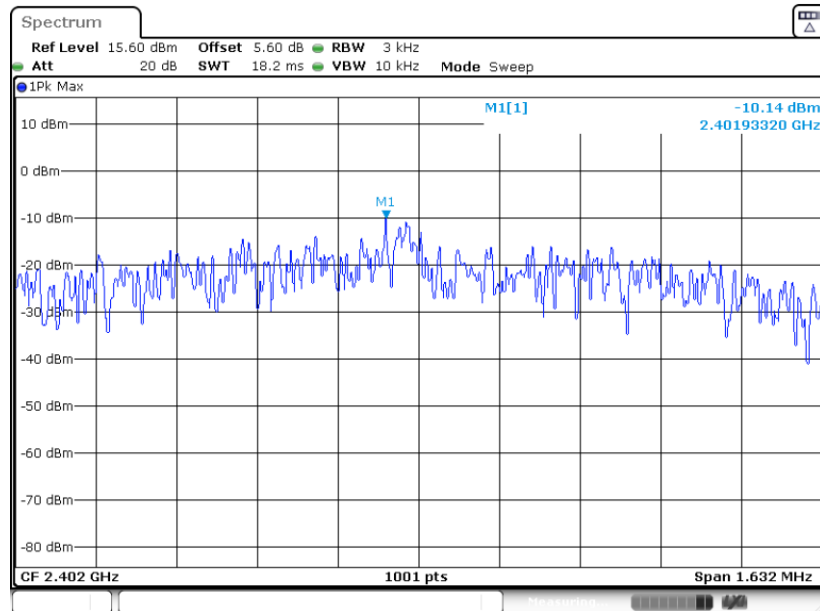
PSD 3kHz Plot on Channel 39



Date: 30.MAY.2023 03:25:37

Bluetooth LE 2Mbps

PSD 3kHz Plot on Channel 00

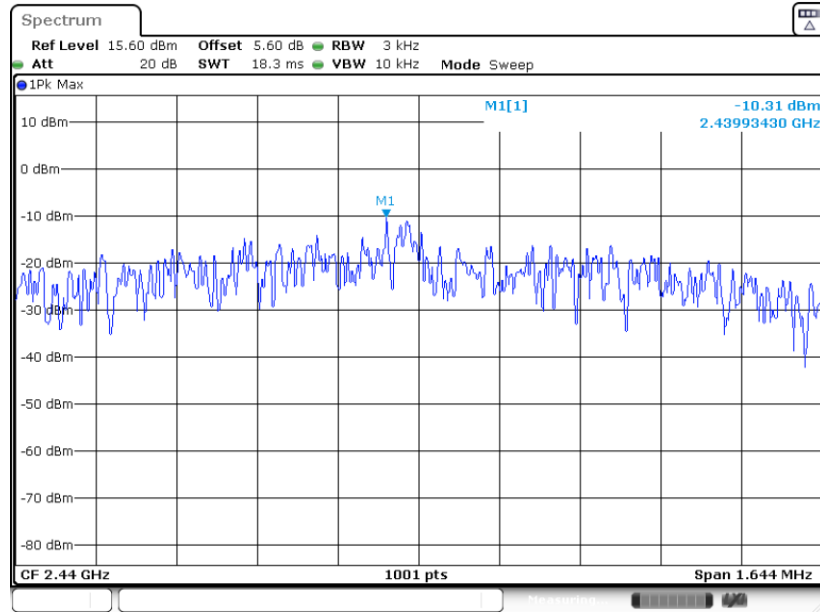


Date: 30.MAY.2023 03:32:03



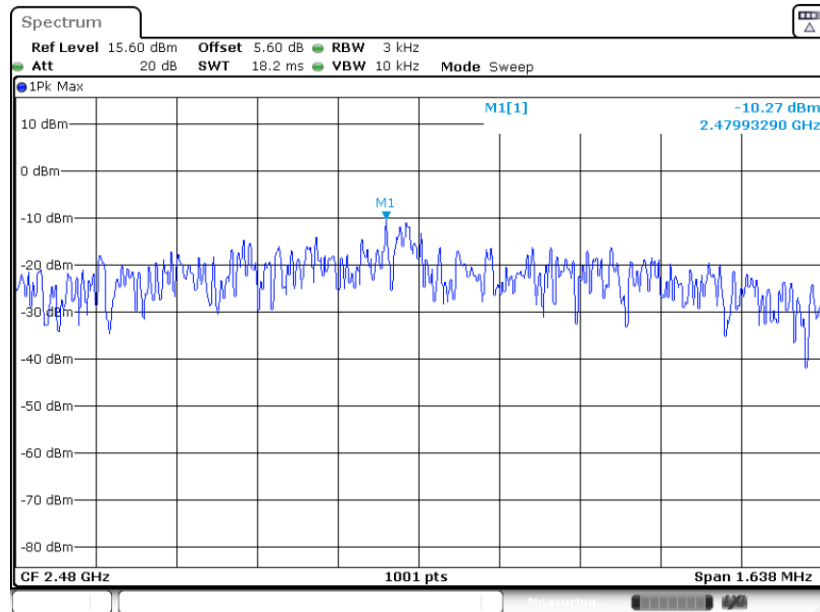


PSD 3kHz Plot on Channel 19



Date: 30.MAY.2023 03:44:11

PSD 3kHz Plot on Channel 39



Date: 30.MAY.2023 03:49:09

## 3.4 Conducted Band Edges and Spurious Emission Measurement

### 3.4.1 Limit of Conducted Band Edges and Spurious Emission

All harmonics/spurious must be at least 20 dB down from the highest emission level within the authorized band.

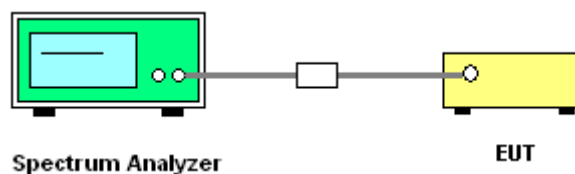
### 3.4.2 Measuring Instruments

The section 4.0 of List of Measuring Equipment of this test report is used for test.

### 3.4.3 Test Procedure

1. The testing follows ANSI C63.10-2013 clause 11.13
2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.
3. Set to the maximum power setting and enable the EUT transmit continuously.
4. Set RBW = 100 kHz, VBW=300 kHz, Peak Detector. Unwanted Emissions measured in any 100 kHz bandwidth outside of the authorized frequency band shall be attenuated by at least 20 dB relative to the maximum in-band peak PSD level in 100 kHz when maximum peak conducted output power procedure is used. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, the attenuation required under this paragraph shall be 30 dB instead of 20 dB.
5. Measure and record the results in the test report.
6. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

### 3.4.4 Test Setup

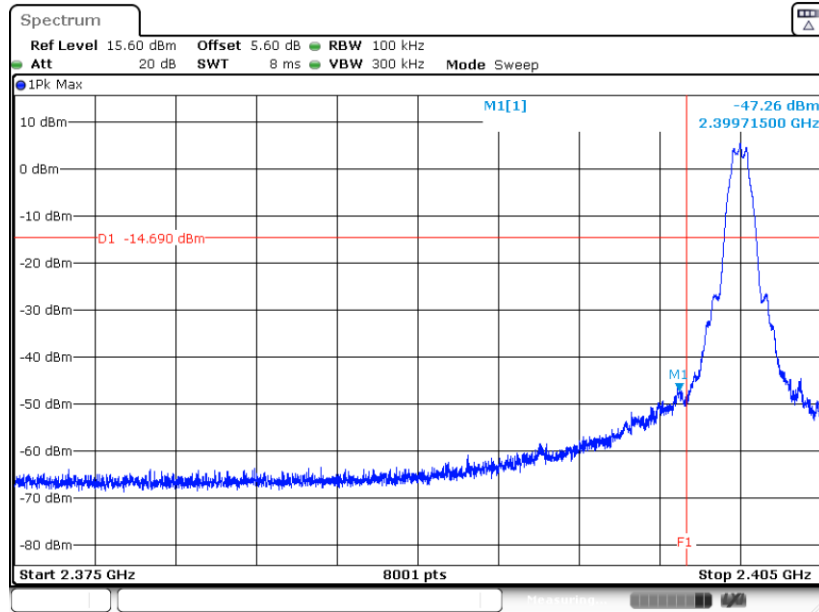




### 3.4.5 Test Result of Conducted Band Edges Plots

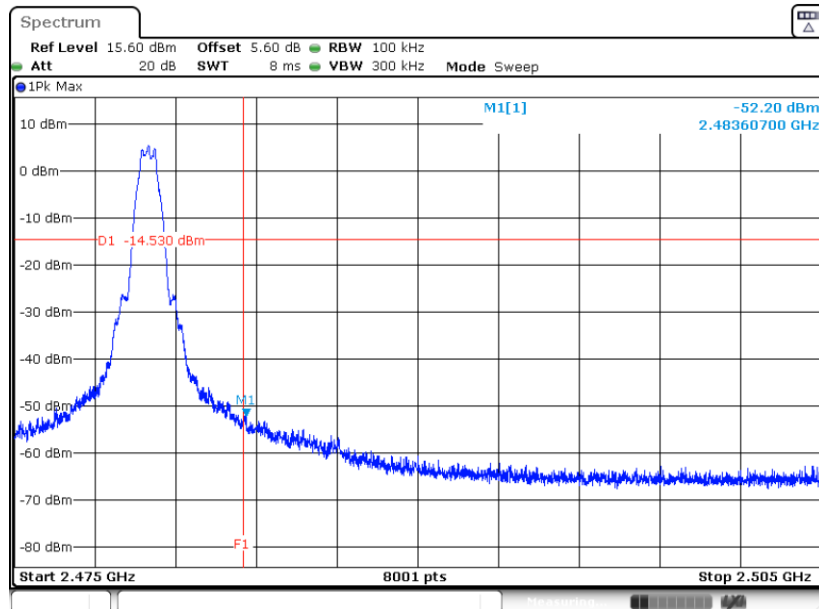
#### Bluetooth LE 1Mbps

#### Low Band Edge Plot on Channel 00



Date: 30.MAY.2023 03:17:19

#### High Band Edge Plot on Channel 39

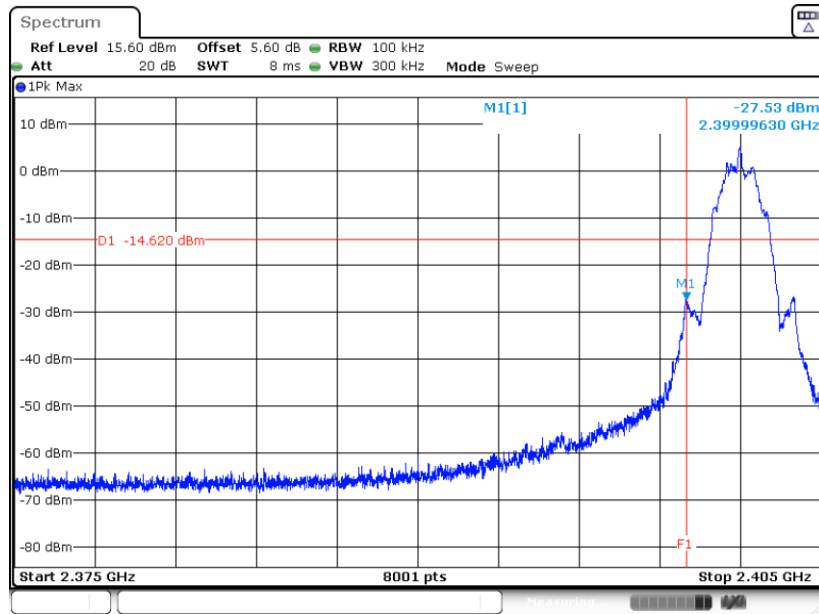


Date: 30.MAY.2023 03:26:15



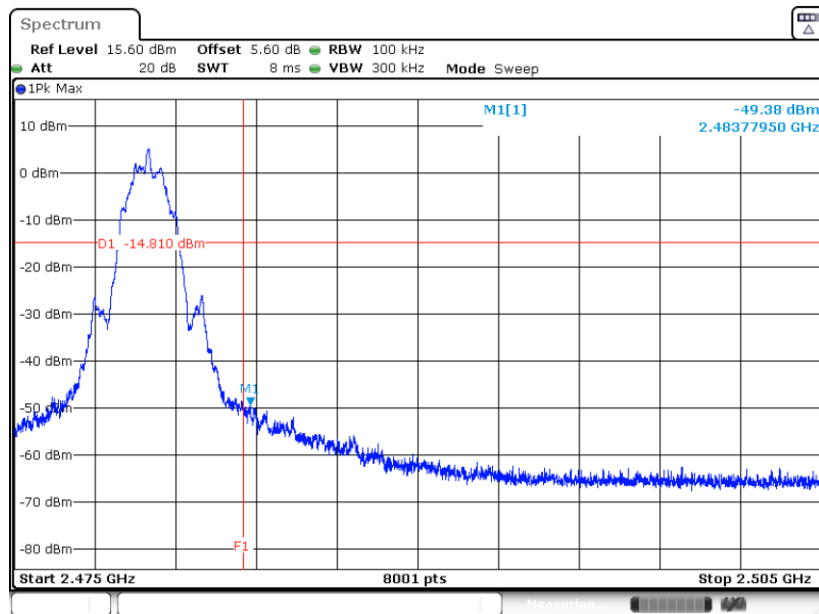
### Bluetooth LE 2Mbps

#### Low Band Edge Plot on Channel 00



Date: 30.MAY.2023 03:32:41

#### High Band Edge Plot on Channel 39



Date: 30.MAY.2023 03:49:47

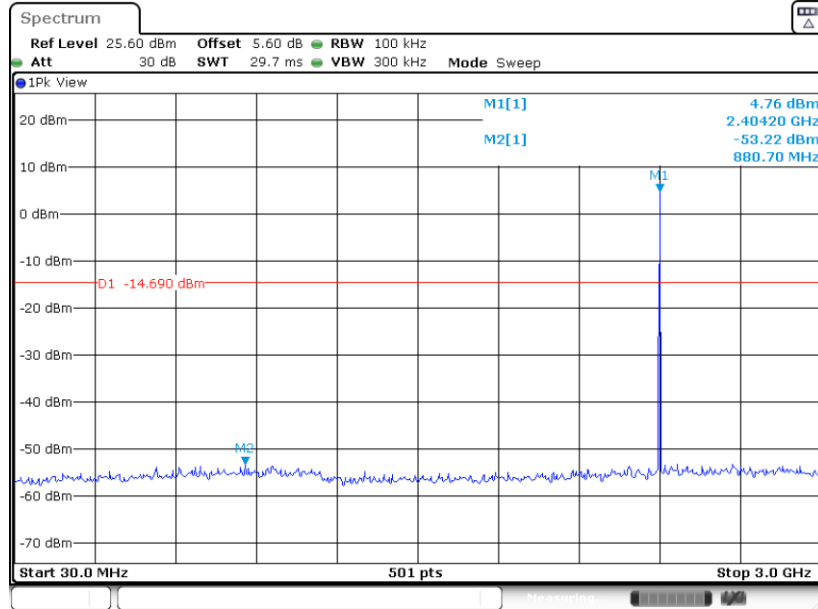


### 3.4.6 Test Result of Conducted Spurious Emission Plots

#### Bluetooth LE 1Mbps

#### Conducted Spurious Emission Plot on Bluetooth LE 1Mbps

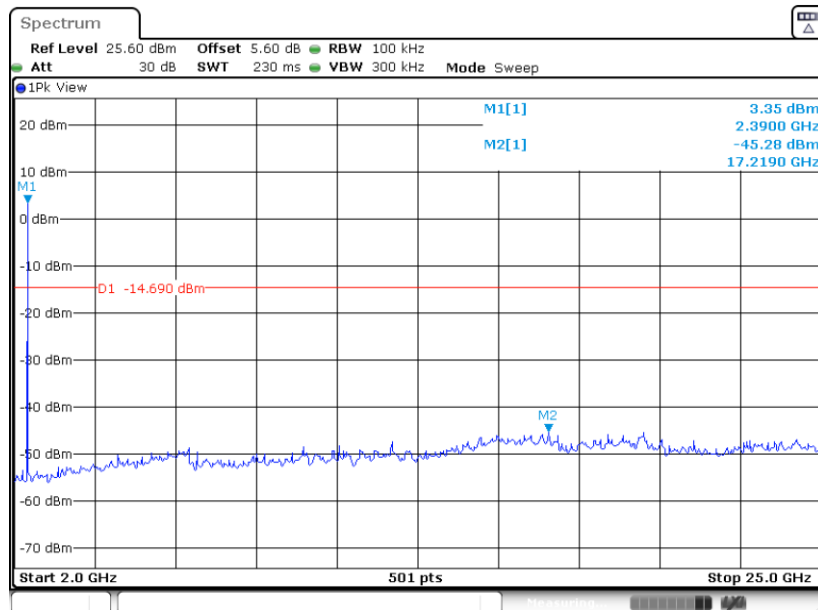
#### GFSK Channel 00



Date: 30.MAY.2023 03:17:40

#### Conducted Spurious Emission Plot on Bluetooth LE 1Mbps

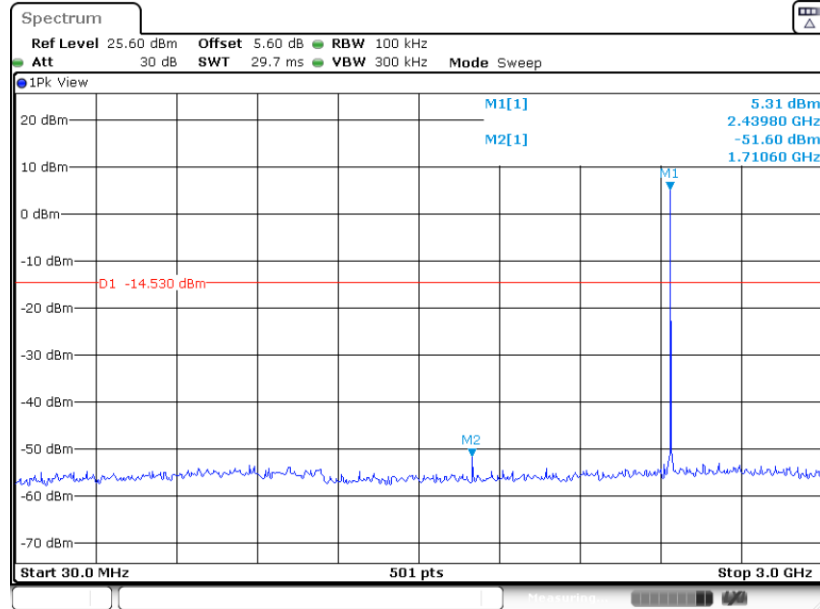
#### GFSK Channel 00



Date: 30.MAY.2023 03:18:00

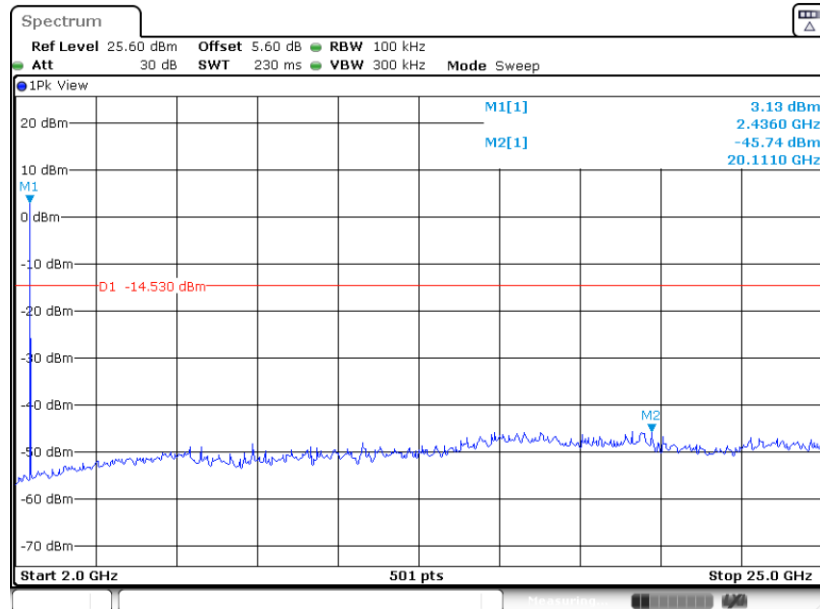


Conducted Spurious Emission Plot on Bluetooth LE 1Mbps GFSK Channel 19



Date: 30.MAY.2023 03:24:19

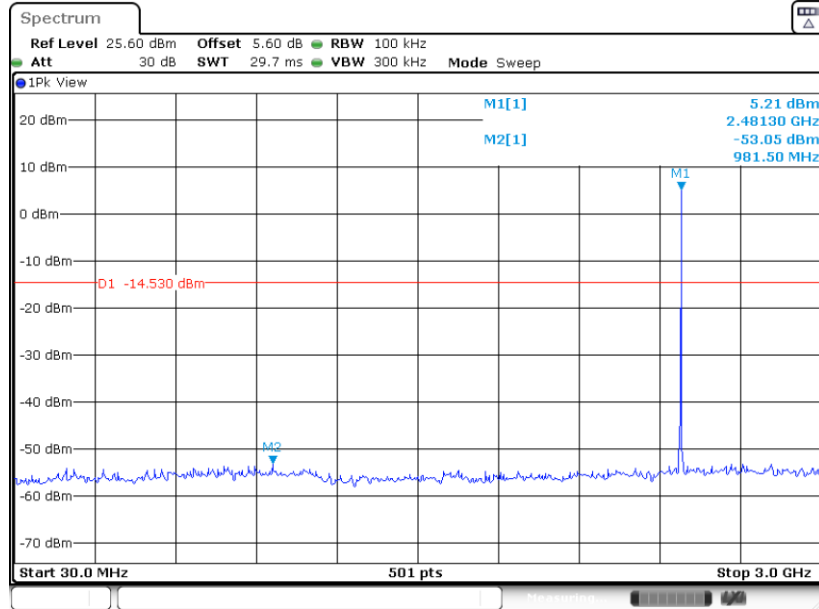
Conducted Spurious Emission Plot on Bluetooth LE 1Mbps GFSK Channel 19



Date: 30.MAY.2023 03:24:34

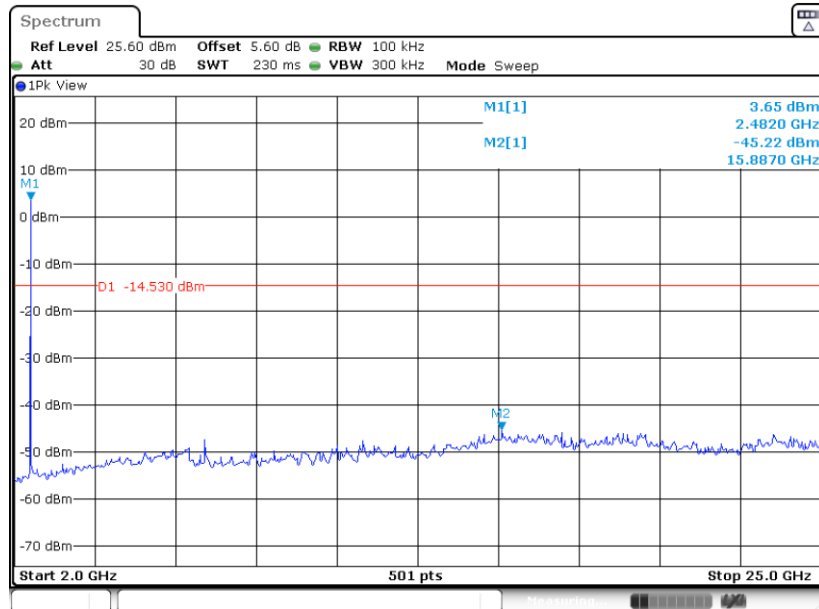


Conducted Spurious Emission Plot on Bluetooth LE 1Mbps GFSK Channel 39



Date: 30.MAY.2023 03:26:36

Conducted Spurious Emission Plot on Bluetooth LE 1Mbps GFSK Channel 39



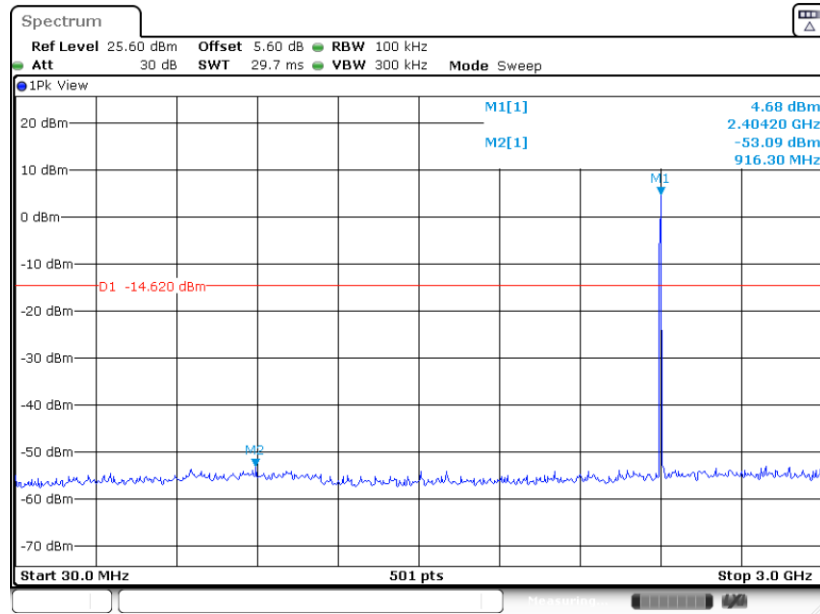
Date: 30.MAY.2023 03:26:56



Bluetooth LE 2Mbps

Conducted Spurious Emission Plot on Bluetooth LE 2Mbps

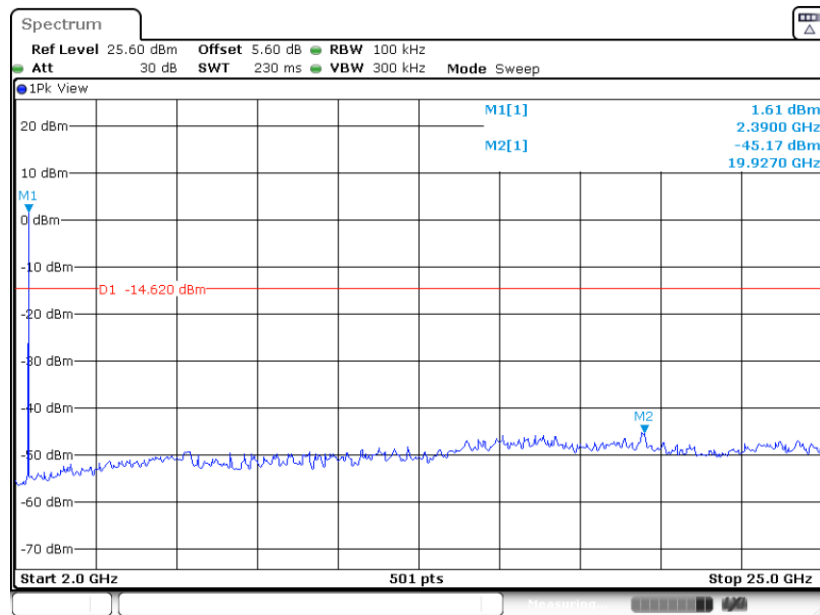
GFSK Channel 00



Date: 30.MAY.2023 03:33:02

Conducted Spurious Emission Plot on Bluetooth LE 2Mbps

GFSK Channel 00

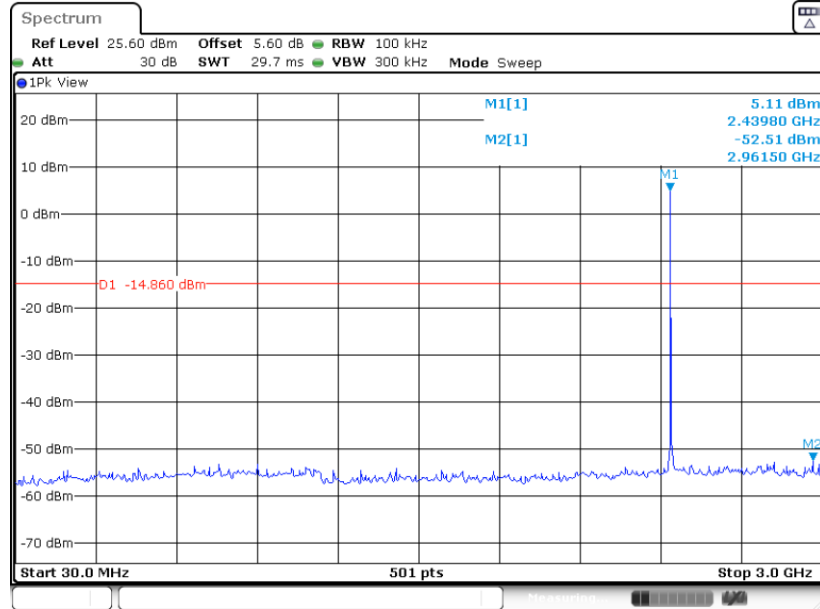


Date: 30.MAY.2023 03:33:22



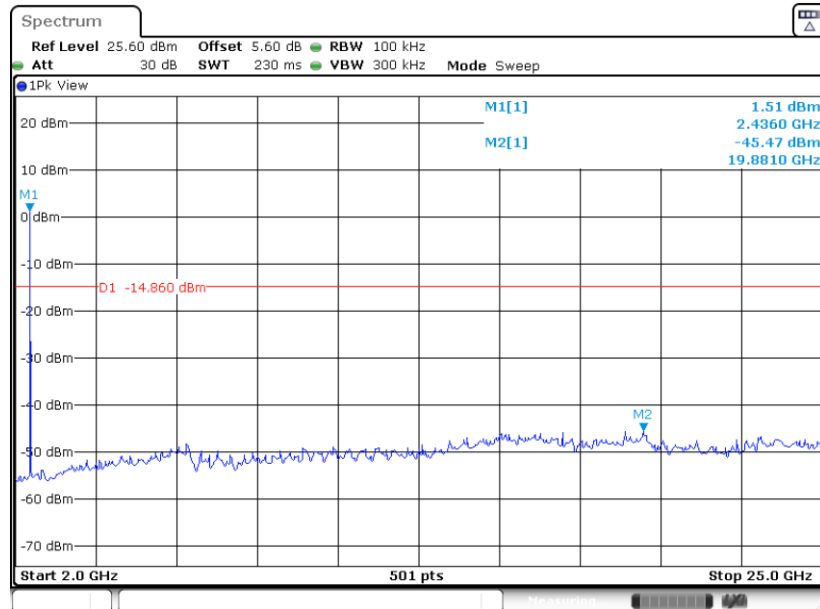


Conducted Spurious Emission Plot on Bluetooth LE 2Mbps GFSK Channel 19



Date: 30.MAY.2023 03:45:10

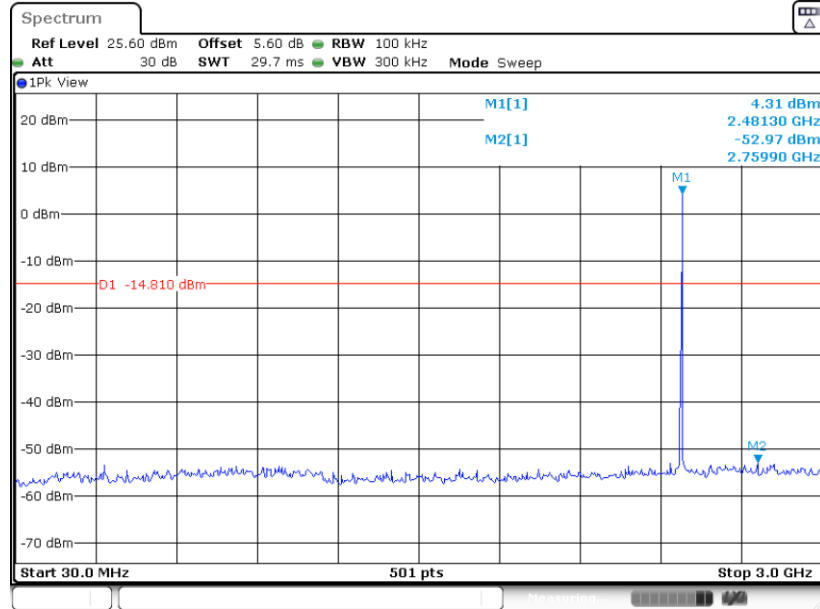
Conducted Spurious Emission Plot on Bluetooth LE 2Mbps GFSK Channel 19



Date: 30.MAY.2023 03:45:30

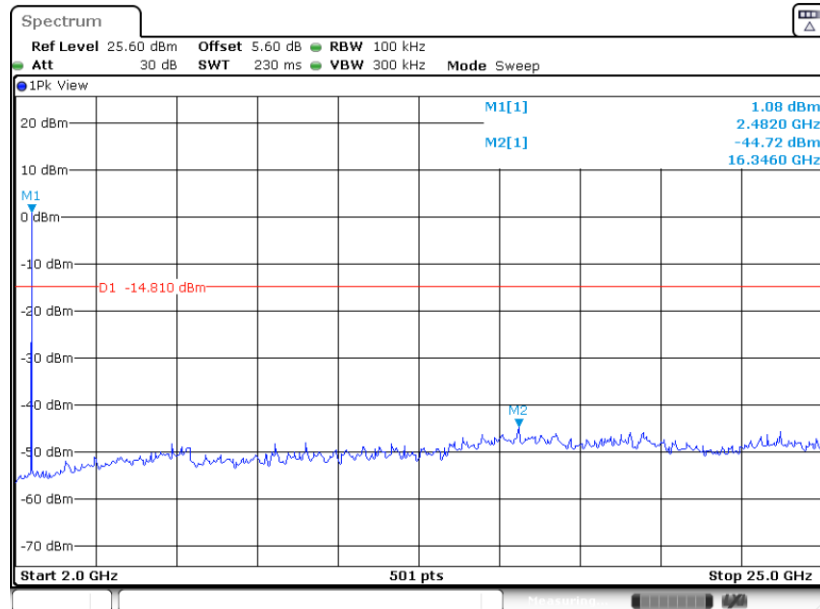


Conducted Spurious Emission Plot on Bluetooth LE 2Mbps GFSK Channel 39



Date: 30.MAY.2023 03:50:08

Conducted Spurious Emission Plot on Bluetooth LE 2Mbps GFSK Channel 39



Date: 30.MAY.2023 03:50:28



### 3.5 Radiated Band Edges and Spurious Emission Measurement

#### 3.5.1 Limit of Radiated Band Edges and Spurious Emission

In any 100 kHz bandwidth outside the intentional radiator frequency band, all harmonics/spurious must be at least 20 dB below the highest emission level within the authorized band. If the output power of this device was measured by spectrum analyzer, the attenuation under this paragraph shall be 30 dB instead of 20 dB. In addition, radiated emissions which fall in the restricted bands must also comply with the limits as below.

| Frequency (MHz) | Field Strength (microvolts/meter) | Measurement Distance (meters) |
|-----------------|-----------------------------------|-------------------------------|
| 0.009 – 0.490   | 2400/F(kHz)                       | 300                           |
| 0.490 – 1.705   | 24000/F(kHz)                      | 30                            |
| 1.705 – 30.0    | 30                                | 30                            |
| 30 – 88         | 100                               | 3                             |
| 88 – 216        | 150                               | 3                             |
| 216 - 960       | 200                               | 3                             |
| Above 960       | 500                               | 3                             |

#### 3.5.2 Measuring Instruments

The section 4.0 of List of Measuring Equipment of this test report is used for test.

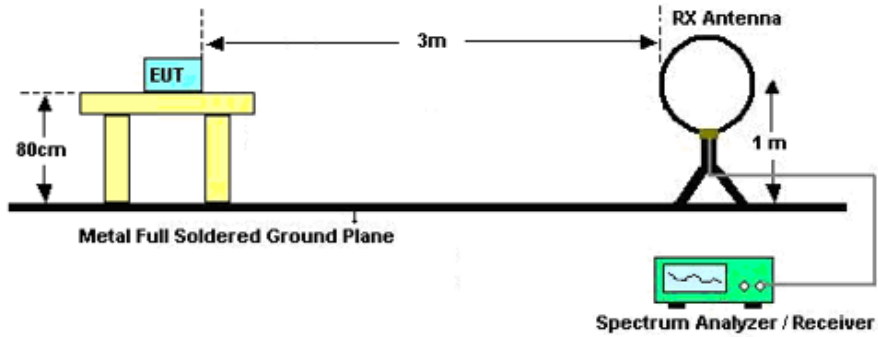


### 3.5.3 Test Procedures

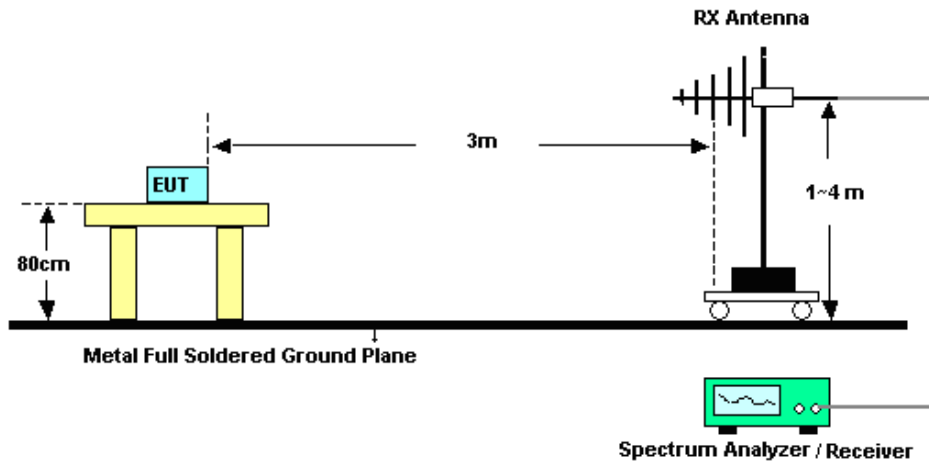
1. The testing follows ANSI C63.10-2013 clause 11.11 & 11.12
2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level.
3. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
5. Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level
6. For testing below 1GHz, if the emission level of the EUT in peak mode was 3 dB lower than the limit specified, then peak values of EUT will be reported, otherwise, the emissions will be repeated one by one using the CISPR quasi-peak method and reported.
7. For testing above 1GHz, the emission level of the EUT in peak mode was 20dB lower than peak limit (that means the emission level in average mode also complies with the limit in average mode), then peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.
8. Use the following spectrum analyzer settings:
  - (1) Span shall wide enough to fully capture the emission being measured;
  - (2) Set RBW=100 kHz for  $f < 1$  GHz;  $VBW \geq RBW$ ; Sweep = auto; Detector function = peak; Trace = max hold;
  - (3) Set RBW = 1 MHz, VBW= 3MHz for  $f \geq 1$  GHz for peak measurement.  
For average measurement:
    - $VBW = 10$  Hz, when duty cycle is no less than 98 percent.
    - $VBW \geq 1/T$ , when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.

### 3.5.4 Test Setup

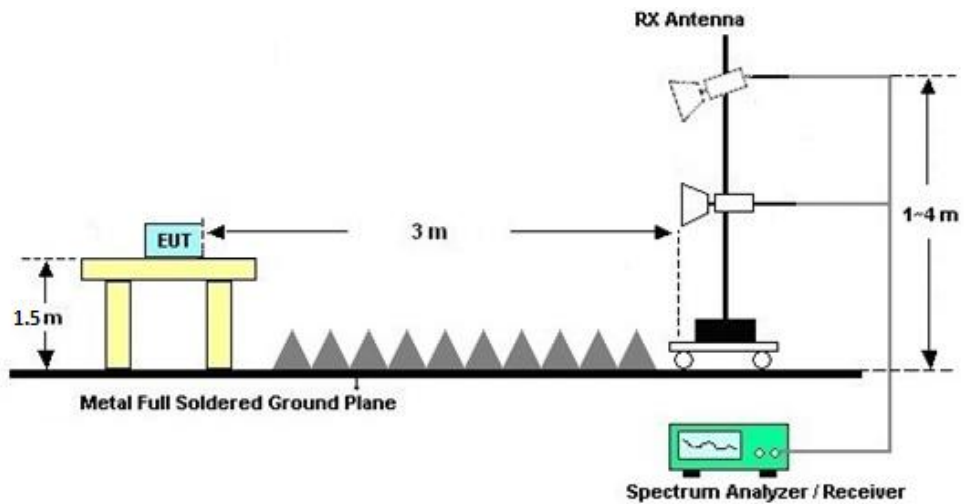
For radiated emissions below 30MHz



For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz





### **3.5.5 Test Results of Radiated Spurious Emissions (9 kHz ~ 30 MHz)**

The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line was not reported.

There is a comparison data of both open-field test site and semi-Anechoic chamber, and the result came out very similar.

### **3.5.6 Test Result of Radiated Spurious at Band Edges**

Please refer to Appendix C

### **3.5.7 Duty Cycle**

Please refer to Appendix D.

### **3.5.8 Test Result of Radiated Spurious Emission (30MHz ~ 10th Harmonic or 40GHz, whichever is lower)**

Please refer to Appendix C



### 3.6 AC Conducted Emission Measurement

#### 3.6.1 Limit of AC Conducted Emission

For equipment that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the following table.

| Frequency of emission (MHz) | Conducted limit (dBµV) |           |
|-----------------------------|------------------------|-----------|
|                             | Quasi-peak             | Average   |
| 0.15-0.5                    | 66 to 56*              | 56 to 46* |
| 0.5-5                       | 56                     | 46        |
| 5-30                        | 60                     | 50        |

\*Decreases with the logarithm of the frequency.

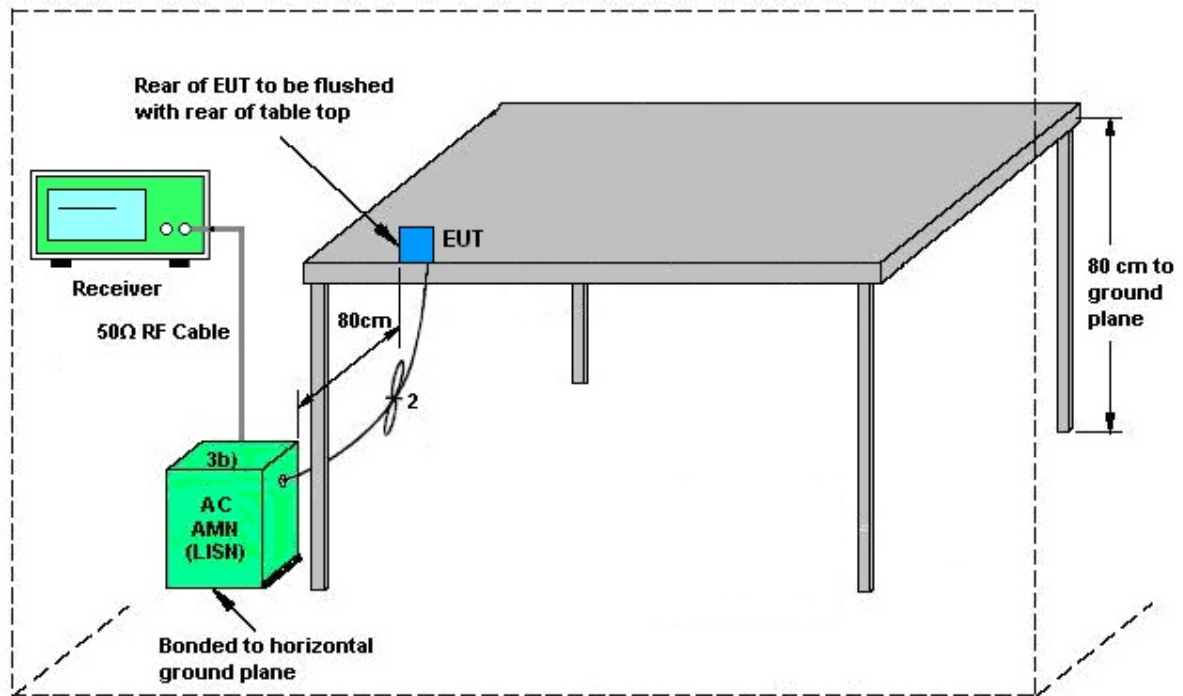
#### 3.6.2 Measuring Instruments

The section 4.0 of List of Measuring Equipment of this test report is used for test.

#### 3.6.3 Test Procedures

1. The EUT was placed 0.4 meter from the conducting wall of the shielding room was kept at least 80 centimeters from any other grounded conducting surface.
2. Connect EUT to the power mains through a line impedance stabilization network (LISN).
3. All the support units are connecting to the other LISN.
4. The LISN provides 50 ohm coupling impedance for the measuring instrument.
5. The FCC states that a 50 ohm, 50 microhenry LISN should be used.
6. Both sides of AC line were checked for maximum conducted interference.
7. The frequency range from 150 kHz to 30 MHz was searched.
8. Set the test-receiver system to Peak Detect Function and specified bandwidth (IF Bandwidth = 9kHz) with Maximum Hold Mode. Then measurement is also conducted by Average Detector and Quasi-Peak Detector Function respectively.

### 3.6.4 Test Setup



AMN = Artificial mains network (LISN)  
AE = Associated equipment  
EUT = Equipment under test  
ISN = Impedance stabilization network

### 3.6.5 Test Result of AC Conducted Emission

Please refer to Appendix B.





## **3.7 Antenna Requirements**

### **3.7.1 Standard Applicable**

If directional gain of transmitting antennas is greater than 6dBi, the power shall be reduced by the same level in dB comparing to gain minus 6dBi. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the rule.

### **3.7.2 Antenna Anti-Replacement Construction**

An embedded-in antenna design is used.

### **3.7.3 Antenna Gain**

The antenna peak gain of EUT is less than 6 dBi. Therefore, it is not necessary to reduce maximum peak output power limit.



## 4 List of Measuring Equipment

| Instrument                              | Manufacturer | Model No.      | Serial No.       | Characteristics            | Calibration Date | Test Date                     | Due Date      | Remark                   |
|---|--------------|----------------|------------------|----------------------------|------------------|-------------------------------|---------------|--------------------------|
| Spectrum Analyzer                       | R&S          | FSV40          | 101040           | 10Hz~40GHz                 | Oct. 12, 2022    | May 30, 2023~<br>May 31, 2023 | Oct. 11, 2023 | Conducted<br>(TH01-KS)   |
| Power Meter                             | Anritsu      | ML2495A        | 1005002          | 50MHz<br>Bandwidth         | Jan. 05, 2023    | May 30, 2023<br>~May 31, 2023 | Jan. 04, 2024 | Conducted<br>(TH01-KS)   |
| Pulse Power Sensor                      | Anritsu      | MA2411B        | 0917070          | 300MHz~40GHz               | Jan. 05, 2023    | May 30, 2023~<br>May 31, 2023 | Jan. 04, 2024 | Conducted<br>(TH01-KS)   |
| EMI Test Receiver                       | Keysight     | N9038A         | MY572901<br>51   | 3Hz~8.5GHz;Max<br>30dBm    | Jul. 11, 2022    | May 16, 2023~<br>May 24, 2023 | Jul. 10, 2023 | Radiation<br>(03CH08-KS) |
| Spectrum Analyzer                       | R&S          | FSV40          | 101932           | 10kHz~40GHz;<br>Max 30dBm  | Oct. 12, 2022    | May 16, 2023~<br>May 24, 2023 | Oct. 11, 2023 | Radiation<br>(03CH08-KS) |
| Loop Antenna                            | R&S          | HFH2-Z2        | 100321           | 9kHz~30MHz                 | Oct. 16, 2022    | May 16, 2023~<br>May 24, 2023 | Oct. 15, 2023 | Radiation<br>(03CH08-KS) |
| Bilog Antenna                           | TESEQ& VGT   | CBL 61110      | 59915            | 30MHz-1GHz                 | Aug. 26, 2022    | May 16, 2023~<br>May 24, 2023 | Aug. 25, 2023 | Radiation<br>(03CH08-KS) |
| Double Ridge Horn Antenna               | ETS-Lindgren | 3117           | 00240138         | 1GHz~18GHz                 | Jul. 08, 2022    | May 16, 2023~<br>May 24, 2023 | Jul. 07, 2023 | Radiation<br>(03CH08-KS) |
| SHF-EHF Horn                            | Com-power    | AH-840         | 101070           | 18GHz~40GHz                | Jan. 08, 2023    | May 16, 2023~<br>May 24, 2023 | Jan. 07, 2024 | Radiation<br>(03CH08-KS) |
| Amplifier                               | SONOMA       | 310N           | 413741           | 9KHz-1GHz                  | Jan. 05, 2023    | May 16, 2023~<br>May 24, 2023 | Jan. 04, 2024 | Radiation<br>(03CH08-KS) |
| high gain Amplifier                     | EM           | EM01G18GA      | 060845           | 1Ghz-18Ghz                 | Jan. 05, 2023    | May 16, 2023~<br>May 24, 2023 | Jan. 04, 2024 | Radiation<br>(03CH08-KS) |
| Amplifier                               | EM           | EM01G18GA      | 060834           | 1Ghz-18Ghz                 | Oct. 12, 2022    | May 16, 2023~<br>May 24, 2023 | Oct. 11, 2023 | Radiation<br>(03CH08-KS) |
| Amplifier                               | MITEQ        | EM18G40GG<br>A | 060728           | 18~40GHz                   | Jan. 05, 2023    | May 16, 2023~<br>May 24, 2023 | Jan. 04, 2024 | Radiation<br>(03CH08-KS) |
| AC Power Source                         | Chroma       | 61601          | 616010002<br>473 | N/A                        | NCR              | May 16, 2023~<br>May 24, 2023 | NCR           | Radiation<br>(03CH08-KS) |
| Turn Table                              | EM           | EM 1000-T      | N/A              | 0~360 degree               | NCR              | May 16, 2023~<br>May 24, 2023 | NCR           | Radiation<br>(03CH08-KS) |
| Antenna Mast                            | EM           | EM 1000-A      | N/A              | 1 m~4 m                    | NCR              | May 16, 2023~<br>May 24, 2023 | NCR           | Radiation<br>(03CH08-KS) |
| EMI Receiver                            | R&S          | ESCI7          | 100768           | 9kHz~7GHz;                 | May 16, 2023     | May 30, 2023~<br>May 31, 2023 | May 15, 2024  | Conduction<br>(CO01-KS)  |
| AC LISN<br>(for auxiliary<br>equipment) | MessTec      | AN3016         | 060103           | 9kHz~30MHz                 | Oct. 13, 2022    | May 30, 2023~<br>May 31, 2023 | Oct. 12, 2023 | Conduction<br>(CO01-KS)  |
| AC LISN                                 | MessTec      | AN3016         | 060105           | 9kHz~30MHz                 | May 16, 2023     | May 30, 2023~<br>May 31, 2023 | May 15, 2024  | Conduction<br>(CO01-KS)  |
| AC Power Source                         | Chroma       | 61602          | ABP00000<br>0811 | AC 0V~300V,<br>45Hz~1000Hz | Oct. 12, 2022    | May 30, 2023~<br>May 31, 2023 | Oct. 11, 2023 | Conduction<br>(CO01-KS)  |

NCR: No Calibration Required



## 5 Measurement Uncertainty

The measurement uncertainties shown below were calculated in accordance with the requirements of ANSI 63.10-2013. All the measurement uncertainty value were shown with a coverage K=2 to indicate 95% level of confidence. The measurement data show herein meets or exceeds the CISPR measurement uncertainty values specified in CISPR 16-4-2 and can be compared directly to specified limit to determine compliance.

### Uncertainty of Conducted Measurement

| Test Item                        | Uncertainty |
|----------------------------------|-------------|
| Conducted Power                  | ±0.46 dB    |
| Conducted Emissions              | ±0.48 dB    |
| Occupied Channel Bandwidth       | ±0.1 %      |
| Conducted Power Spectral Density | ±0.40 dB    |

### Uncertainty of Conducted Emission Measurement (150 kHz ~ 30 MHz)

|   |        |
|---|--------|
| Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y)) | 2.94dB |
|---|--------|

### Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

|   |        |
|---|--------|
| Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y)) | 6.28dB |
|---|--------|

### Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)

|   |        |
|---|--------|
| Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y)) | 4.90dB |
|---|--------|

### Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

|   |        |
|---|--------|
| Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y)) | 5.26dB |
|---|--------|

----- THE END -----



## **Appendix A. Conducted Test Results**

**Bluetooth Low Energy**

|                |                     |                    |       |    |
|----------------|---------------------|--------------------|-------|----|
| Test Engineer: | Jacob Zhang         | Temperature:       | 20~26 | °C |
| Test Date:     | 2023/5/30~2023/5/31 | Relative Humidity: | 40~51 | %  |

**BLE1M****TEST RESULTS DATA**  
**6dB and 99% Occupied Bandwidth**

| Mod. | Data Rate | N <sub>TX</sub> | CH. | Freq. (MHz) | 99% Occupied BW (MHz) | 6dB BW (MHz) | 6dB BW Limit (MHz) | Pass/Fail |
|------|-----------|-----------------|-----|-------------|-----------------------|--------------|--------------------|-----------|
| BLE  | 1Mbps     | 1               | 0   | 2402        | 1.019                 | 0.64         | 0.50               | Pass      |
| BLE  | 1Mbps     | 1               | 19  | 2440        | 1.019                 | 0.64         | 0.50               | Pass      |
| BLE  | 1Mbps     | 1               | 39  | 2480        | 1.019                 | 0.64         | 0.50               | Pass      |

**TEST RESULTS DATA****Peak Power Table**

| Mod. | Data Rate | N <sub>TX</sub> | CH. | Freq. (MHz) | Peak Conducted Power (dBm) | Conducted Power Limit (dBm) | DG (dBi) | EIRP Power (dBm) | EIRP Power Limit (dBm) | Pass /Fail |
|------|-----------|-----------------|-----|-------------|----------------------------|-----------------------------|----------|------------------|------------------------|------------|
| BLE  | 1Mbps     | 1               | 0   | 2402        | 6.76                       | 30.00                       | 0.73     | 7.49             | 36.00                  | Pass       |
| BLE  | 1Mbps     | 1               | 19  | 2440        | 6.62                       | 30.00                       | 0.73     | 7.35             | 36.00                  | Pass       |
| BLE  | 1Mbps     | 1               | 39  | 2480        | 6.78                       | 30.00                       | 0.73     | 7.51             | 36.00                  | Pass       |

**TEST RESULTS DATA****Average Power Table**  
**(Reporting Only)**

| Mod. | Data Rate | N <sub>TX</sub> | CH. | Freq. (MHz) | Duty Factor (dB) | Average Conducted Power (dBm) |
|------|-----------|-----------------|-----|-------------|------------------|-------------------------------|
| BLE  | 1Mbps     | 1               | 0   | 2402        | 1.81             | 6.35                          |
| BLE  | 1Mbps     | 1               | 19  | 2440        | 1.81             | 6.26                          |
| BLE  | 1Mbps     | 1               | 39  | 2480        | 1.81             | 6.38                          |

**TEST RESULTS DATA****Peak Power Density**

| Mod. | Data Rate | N <sub>TX</sub> | CH. | Freq. (MHz) | Peak PSD (dBm /100kHz) | Peak PSD (dBm /3kHz) | DG (dBi) | Peak PSD Limit (dBm /3kHz) | Pass/Fail |
|------|-----------|-----------------|-----|-------------|------------------------|----------------------|----------|----------------------------|-----------|
| BLE  | 1Mbps     | 1               | 0   | 2402        | 5.31                   | -9.69                | 0.73     | 8.00                       | Pass      |
| BLE  | 1Mbps     | 1               | 19  | 2440        | 5.47                   | -9.52                | 0.73     | 8.00                       | Pass      |
| BLE  | 1Mbps     | 1               | 39  | 2480        | 5.47                   | -9.48                | 0.73     | 8.00                       | Pass      |

Note: PSD (dBm/ 100kHz) is a reference level used for Conducted Band Edges and Conducted Spurious Emission 20dBc limit.

**Bluetooth Low Energy**

|                |                     |                    |       |    |
|----------------|---------------------|--------------------|-------|----|
| Test Engineer: | Jacob Zhang         | Temperature:       | 20~26 | °C |
| Test Date:     | 2023/5/30~2023/5/31 | Relative Humidity: | 40~51 | %  |

**BLE2M****TEST RESULTS DATA**  
**6dB and 99% Occupied Bandwidth**

| Mod. | Data Rate | NTX | CH. | Freq. (MHz) | 99% Occupied BW (MHz) | 6dB BW (MHz) | 6dB BW Limit (MHz) | Pass/Fail |
|------|-----------|-----|-----|-------------|-----------------------|--------------|--------------------|-----------|
| BLE  | 2Mbps     | 1   | 0   | 2402        | 2.046                 | 1.09         | 0.50               | Pass      |
| BLE  | 2Mbps     | 1   | 19  | 2440        | 2.050                 | 1.10         | 0.50               | Pass      |
| BLE  | 2Mbps     | 1   | 39  | 2480        | 2.054                 | 1.09         | 0.50               | Pass      |

**TEST RESULTS DATA**  
**Peak Power Table**

| Mod. | Data Rate | NTX | CH. | Freq. (MHz) | Peak Conducted Power (dBm) | Conducted Power Limit (dBm) | DG (dBi) | EIRP Power (dBm) | EIRP Power Limit (dBm) | Pass /Fail |
|------|-----------|-----|-----|-------------|----------------------------|-----------------------------|----------|------------------|------------------------|------------|
| BLE  | 2Mbps     | 1   | 0   | 2402        | 6.79                       | 30.00                       | 0.73     | 7.52             | 36.00                  | Pass       |
| BLE  | 2Mbps     | 1   | 19  | 2440        | 6.66                       | 30.00                       | 0.73     | 7.39             | 36.00                  | Pass       |
| BLE  | 2Mbps     | 1   | 39  | 2480        | 6.83                       | 30.00                       | 0.73     | 7.56             | 36.00                  | Pass       |

**TEST RESULTS DATA**  
**Average Power Table**  
**(Reporting Only)**

| Mod. | Data Rate | NTX | CH. | Freq. (MHz) | Duty Factor (dB) | Average Conducted Power (dBm) |
|------|-----------|-----|-----|-------------|------------------|-------------------------------|
| BLE  | 2Mbps     | 1   | 0   | 2402        | 4.39             | 6.26                          |
| BLE  | 2Mbps     | 1   | 19  | 2440        | 4.39             | 6.13                          |
| BLE  | 2Mbps     | 1   | 39  | 2480        | 4.39             | 6.30                          |

**TEST RESULTS DATA**  
**Peak Power Density**

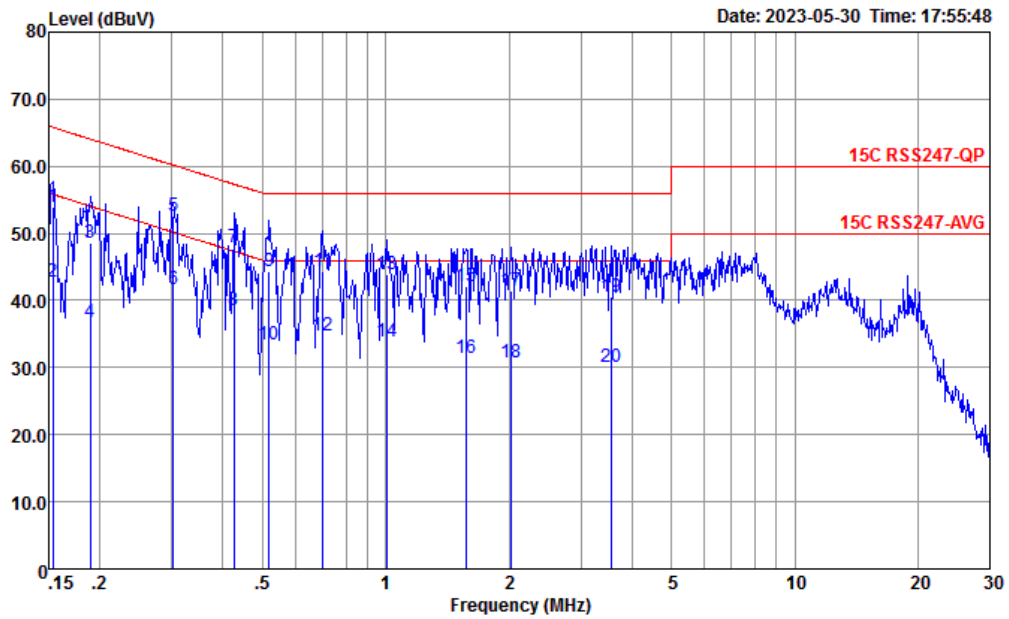
| Mod. | Data Rate | NTX | CH. | Freq. (MHz) | Peak PSD (dBm /100kHz) | Peak PSD (dBm /3kHz) | DG (dBi) | Peak PSD Limit (dBm /3kHz) | Pass/Fail |
|------|-----------|-----|-----|-------------|------------------------|----------------------|----------|----------------------------|-----------|
| BLE  | 2Mbps     | 1   | 0   | 2402        | 5.38                   | -10.14               | 0.73     | 8.00                       | Pass      |
| BLE  | 2Mbps     | 1   | 19  | 2440        | 5.14                   | -10.31               | 0.73     | 8.00                       | Pass      |
| BLE  | 2Mbps     | 1   | 39  | 2480        | 5.19                   | -10.27               | 0.73     | 8.00                       | Pass      |

Note: PSD (dBm/ 100kHz) is a reference level used for Conducted Band Edges and Conducted Spurious Emission 20dBc limit.



## Appendix B. AC Conducted Emission Test Results

|                 |   |                     |             |
|-----------------|---|---------------------|-------------|
| Test Engineer : | Amos Zhang  | Temperature :       | 24.2~25.6°C |
|                 |   | Relative Humidity : | 37~39%      |
| Test Voltage :  | 120Vac / 60Hz   | Phase :             | Line        |
| Remark :        | All emissions not reported here are more than 10 dB below the prescribed limit. |                     |             |

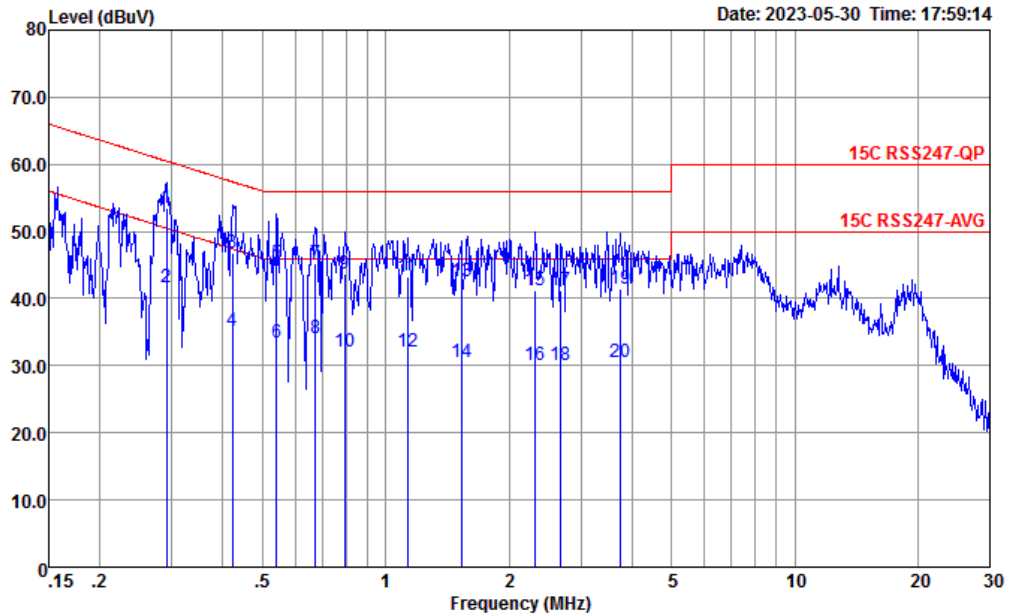


Site : CO01-KS  
 Condition : 15C RSS247-QP LISN-060105-LINE LINE

|     | Freq  | Level | Over   | Limit | Read  | LISN   | Cable | Remark  |
|-----|-------|-------|--------|-------|-------|--------|-------|---------|
|     | MHz   | dBuV  | Limit  | Line  | Level | Factor | Loss  |         |
|     |       |       | dB     | dBuV  | dBuV  | dB     | dB    |         |
| 1   | 0.153 | 54.00 | -11.82 | 65.82 | 43.50 | 0.07   | 10.43 | QP      |
| 2   | 0.153 | 42.80 | -13.02 | 55.82 | 32.30 | 0.07   | 10.43 | Average |
| 3   | 0.189 | 48.65 | -15.41 | 64.06 | 38.20 | 0.03   | 10.42 | QP      |
| 4   | 0.189 | 36.75 | -17.31 | 54.06 | 26.30 | 0.03   | 10.42 | Average |
| 5 * | 0.302 | 52.51 | -7.68  | 60.19 | 42.10 | 0.06   | 10.35 | QP      |
| 6   | 0.302 | 41.61 | -8.58  | 50.19 | 31.20 | 0.06   | 10.35 | Average |
| 7   | 0.426 | 47.87 | -9.46  | 57.33 | 37.60 | 0.00   | 10.27 | QP      |
| 8   | 0.426 | 38.50 | -8.83  | 47.33 | 28.23 | 0.00   | 10.27 | Average |
| 9   | 0.518 | 44.37 | -11.63 | 56.00 | 34.21 | -0.04  | 10.20 | QP      |
| 10  | 0.518 | 33.47 | -12.53 | 46.00 | 23.31 | -0.04  | 10.20 | Average |
| 11  | 0.701 | 44.27 | -11.73 | 56.00 | 34.20 | -0.09  | 10.16 | QP      |
| 12  | 0.701 | 34.67 | -11.33 | 46.00 | 24.60 | -0.09  | 10.16 | Average |
| 13  | 1.010 | 43.81 | -12.19 | 56.00 | 33.80 | -0.10  | 10.11 | QP      |
| 14  | 1.010 | 33.81 | -12.19 | 46.00 | 23.80 | -0.10  | 10.11 | Average |
| 15  | 1.568 | 42.16 | -13.84 | 56.00 | 32.19 | -0.11  | 10.08 | QP      |
| 16  | 1.568 | 31.46 | -14.54 | 46.00 | 21.49 | -0.11  | 10.08 | Average |
| 17  | 2.023 | 41.44 | -14.56 | 56.00 | 31.50 | -0.12  | 10.06 | QP      |
| 18  | 2.023 | 30.74 | -15.26 | 46.00 | 20.80 | -0.12  | 10.06 | Average |
| 19  | 3.547 | 40.55 | -15.45 | 56.00 | 30.60 | -0.11  | 10.06 | QP      |
| 20  | 3.547 | 30.15 | -15.85 | 46.00 | 20.20 | -0.11  | 10.06 | Average |



|                 |   |                     |             |
|-----------------|---|---------------------|-------------|
| Test Engineer : | Amos Zhang  | Temperature :       | 24.2~25.6°C |
|                 |   | Relative Humidity : | 37~39%      |
| Test Voltage :  | 120Vac / 60Hz   | Phase :             | Neutral     |
| Remark :        | All emissions not reported here are more than 10 dB below the prescribed limit. |                     |             |



Site : CO01-KS  
 Condition : 15C RSS247-QP LISN-060105-NEUTRAL NEUTRAL

|     | Freq  | Level | Over   | Limit | Read  | LISN  | Cable | Remark  |
|-----|-------|-------|--------|-------|-------|-------|-------|---------|
|     | MHz   | dBuV  | dB     | dBuV  | dBuV  | dB    | dB    |         |
| 1 * | 0.291 | 53.41 | -7.09  | 60.50 | 43.10 | -0.04 | 10.35 | QP      |
| 2   | 0.291 | 41.61 | -8.89  | 50.50 | 31.30 | -0.04 | 10.35 | Average |
| 3   | 0.421 | 46.81 | -10.61 | 57.42 | 36.60 | -0.07 | 10.28 | QP      |
| 4   | 0.421 | 35.11 | -12.31 | 47.42 | 24.90 | -0.07 | 10.28 | Average |
| 5   | 0.541 | 45.32 | -10.68 | 56.00 | 35.20 | -0.08 | 10.20 | QP      |
| 6   | 0.541 | 33.42 | -12.58 | 46.00 | 23.30 | -0.08 | 10.20 | Average |
| 7   | 0.672 | 45.28 | -10.72 | 56.00 | 35.20 | -0.09 | 10.17 | QP      |
| 8   | 0.672 | 34.18 | -11.82 | 46.00 | 24.10 | -0.09 | 10.17 | Average |
| 9   | 0.792 | 43.64 | -12.36 | 56.00 | 33.60 | -0.10 | 10.14 | QP      |
| 10  | 0.792 | 32.14 | -13.86 | 46.00 | 22.10 | -0.10 | 10.14 | Average |
| 11  | 1.129 | 43.29 | -12.71 | 56.00 | 33.30 | -0.11 | 10.10 | QP      |
| 12  | 1.129 | 32.09 | -13.91 | 46.00 | 22.10 | -0.11 | 10.10 | Average |
| 13  | 1.527 | 42.56 | -13.44 | 56.00 | 32.60 | -0.12 | 10.08 | QP      |
| 14  | 1.527 | 30.56 | -15.44 | 46.00 | 20.60 | -0.12 | 10.08 | Average |
| 15  | 2.309 | 41.14 | -14.86 | 56.00 | 31.20 | -0.12 | 10.06 | QP      |
| 16  | 2.309 | 30.14 | -15.86 | 46.00 | 20.20 | -0.12 | 10.06 | Average |
| 17  | 2.678 | 41.13 | -14.87 | 56.00 | 31.20 | -0.13 | 10.06 | QP      |
| 18  | 2.678 | 30.13 | -15.87 | 46.00 | 20.20 | -0.13 | 10.06 | Average |
| 19  | 3.740 | 41.44 | -14.56 | 56.00 | 31.50 | -0.12 | 10.06 | QP      |
| 20  | 3.740 | 30.54 | -15.46 | 46.00 | 20.60 | -0.12 | 10.06 | Average |

Note:

- Level(dBμV) = Read Level(dBμV) + LISN Factor(dB) + Cable Loss(dB)
- Over Limit(dB) = Level(dBμV) – Limit Line(dBμV)





### Appendix C. Radiated Spurious Emission Test Data

|                 |        |                     |            |
|-----------------|--------|---------------------|------------|
| Test Engineer : | Koi Ji | Relative Humidity : | 41 ~ 42 %  |
|                 |        | Temperature :       | 22 ~ 23 °C |

### Radiated Spurious Emission Test Modes

| Mode   | Band (MHz)  | Modulation  | Channel | Frequency | Data Rate | Remark      |
|--------|-------------|---|---------|-----------|-----------|-------------|
| Mode 1 | 2400-2483.5 | Bluetooth-LE  | 00      | 2402      | 1Mbps     | -           |
| Mode 2 | 2400-2483.5 | Bluetooth-LE  | 19      | 2440      | 1Mbps     | -           |
| Mode 3 | 2400-2483.5 | Bluetooth-LE  | 39      | 2480      | 1Mbps     | -           |
| Mode 4 | 2400-2483.5 | Bluetooth-LE  | 00      | 2402      | 2Mbps     | -           |
| Mode 5 | 2400-2483.5 | Bluetooth-LE  | 19      | 2440      | 2Mbps     | -           |
| Mode 6 | 2400-2483.5 | Bluetooth-LE  | 39      | 2480      | 2Mbps     | -           |
| Mode 7 | 2400-2483.5 | Bluetooth-LE 1M_CH00 + Zigbee_CH26 + WLAN 11n HT40_CH09 |         |           |           | Co-location |



### Summary of each worse mode

| Mode | Modulation   | Ch. | Freq. (MHz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Pol. | Peak Avg. | Result | Remark    |
|------|--------------|-----|-------------|----------------|----------------|-------------|------|-----------|--------|-----------|
| 1    | Bluetooth-LE | 00  | 2363.30     | 46.54          | 54.00          | -7.46       | H    | AVERAGE   | Pass   | Band Edge |
|      | Bluetooth-LE | 00  | 4804.00     | 49.86          | 54.00          | -4.14       | H    | AVERAGE   | Pass   | Harmonic  |
| 2    | Bluetooth-LE | 19  | -           | -              | -              | -           | -    | -         | -      | Band Edge |
|      | Bluetooth-LE | 19  | 4880.00     | 49.77          | 54.00          | -4.23       | H    | AVERAGE   | Pass   | Harmonic  |
| 3    | Bluetooth-LE | 39  | 2483.50     | 48.00          | 54.00          | -6.00       | V    | AVERAGE   | Pass   | Band Edge |
|      | Bluetooth-LE | 39  | 4960.00     | 47.37          | 54.00          | -6.63       | H    | AVERAGE   | Pass   | Harmonic  |
| 4    | Bluetooth-LE | 00  | 2364.08     | 46.74          | 54.00          | -7.26       | V    | AVERAGE   | Pass   | Band Edge |
|      | Bluetooth-LE | 00  | 4804.00     | 49.71          | 54.00          | -4.29       | H    | AVERAGE   | Pass   | Harmonic  |
| 5    | Bluetooth-LE | 19  | -           | -              | -              | -           | -    | -         | -      | Band Edge |
|      | Bluetooth-LE | 19  | 4880.00     | 49.09          | 54.00          | -4.91       | H    | AVERAGE   | Pass   | Harmonic  |
| 6    | Bluetooth-LE | 39  | 2483.50     | 49.64          | 54.00          | -4.36       | V    | AVERAGE   | Pass   | Band Edge |
|      | Bluetooth-LE | 39  | 4960.00     | 46.69          | 54.00          | -7.31       | H    | AVERAGE   | Pass   | Harmonic  |
| 7    | Bluetooth-LE | 00  | 2323.65     | 46.22          | 54             | -7.78       | H    | Average   | Pass   | Band Edge |
|      | Bluetooth-LE | 00  | 4804.00     | 48.33          | 74.00          | -25.67      | V    | Peak      | Pass   | Harmonic  |



|             |  | 1   |        |        |       |       |             |       |       |        |        |         |       |       |      |      |      |        |        |       |        |        |     |     |      |      |      |      |        |        |     |       |        |        |        |      |      |      |    |    |    |    |    |     |     |     |  |  |  |   |         |         |         |       |       |        |       |       |       |       |      |         |         |      |  |  |  |  |  |  |  |
|-------------|--|---|--------|--------|-------|-------|-------------|-------|-------|--------|--------|---------|-------|-------|------|------|------|--------|--------|-------|--------|--------|-----|-----|------|------|------|------|--------|--------|-----|-------|--------|--------|--------|------|------|------|----|----|----|----|----|-----|-----|-----|--|--|--|---|---------|---------|---------|-------|-------|--------|-------|-------|-------|-------|------|---------|---------|------|--|--|--|--|--|--|--|
| Mode        |  | Band Edge   |        |        |       |       |             |       |       |        |        |         |       |       |      |      |      |        |        |       |        |        |     |     |      |      |      |      |        |        |     |       |        |        |        |      |      |      |    |    |    |    |    |     |     |     |  |  |  |   |         |         |         |       |       |        |       |       |       |       |      |         |         |      |  |  |  |  |  |  |  |
|             |  | 2400-2483.5_Bluetooth-LE_CH00_2402MHz   |        |        |       |       |             |       |       |        |        |         |       |       |      |      |      |        |        |       |        |        |     |     |      |      |      |      |        |        |     |       |        |        |        |      |      |      |    |    |    |    |    |     |     |     |  |  |  |   |         |         |         |       |       |        |       |       |       |       |      |         |         |      |  |  |  |  |  |  |  |
| Pol.        |  | Horizontal  |        |        |       |       | Fundamental |       |       |        |        |         |       |       |      |      |      |        |        |       |        |        |     |     |      |      |      |      |        |        |     |       |        |        |        |      |      |      |    |    |    |    |    |     |     |     |  |  |  |   |         |         |         |       |       |        |       |       |       |       |      |         |         |      |  |  |  |  |  |  |  |
| <b>Peak</b> | Horizontal   | <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th colspan="2"></th> <th colspan="2">Limit</th> <th colspan="2">Read</th> <th colspan="2">Ant</th> <th colspan="2">Cable</th> <th colspan="2">Preamp</th> <th colspan="2">Aux</th> <th colspan="2">APos</th> <th colspan="2">TPos</th> <th colspan="2">Remark</th> </tr> <tr> <th>MHz</th> <th>Level</th> <th>dBuV/m</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV</th> <th>dB/m</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> <th colspan="5"></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2349.52</td> <td>57.22</td> <td>74.00</td> <td>-16.78</td> <td>41.60</td> <td>31.89</td> <td>8.65</td> <td>30.92</td> <td>6.00</td> <td>146</td> <td>56</td> <td colspan="8">PEAK</td> </tr> </tbody> </table> |        |        |       |       |             |       |       |        |        |         |       | Limit |      | Read |      | Ant    |        | Cable |        | Preamp |     | Aux |      | APos |      | TPos |        | Remark |     | MHz   | Level  | dBuV/m | dBuV/m | dB   | dBuV | dB/m | dB | dB | dB | dB | dB | dB  | cm  | deg |  |  |  |   |         | 1       | 2349.52 | 57.22 | 74.00 | -16.78 | 41.60 | 31.89 | 8.65  | 30.92 | 6.00 | 146     | 56      | PEAK |  |  |  |  |  |  |  |
|             |  |   | Limit  |        | Read  |       | Ant         |       | Cable |        | Preamp |         | Aux   |       | APos |      | TPos |        | Remark |       |        |        |     |     |      |      |      |      |        |        |     |       |        |        |        |      |      |      |    |    |    |    |    |     |     |     |  |  |  |   |         |         |         |       |       |        |       |       |       |       |      |         |         |      |  |  |  |  |  |  |  |
| MHz         | Level  | dBuV/m  | dBuV/m | dB     | dBuV  | dB/m  | dB          | dB    | dB    | dB     | dB     | dB      | cm    | deg   |      |      |      |        |        |       |        |        |     |     |      |      |      |      |        |        |     |       |        |        |        |      |      |      |    |    |    |    |    |     |     |     |  |  |  |   |         |         |         |       |       |        |       |       |       |       |      |         |         |      |  |  |  |  |  |  |  |
| 1           | 2349.52  | 57.22   | 74.00  | -16.78 | 41.60 | 31.89 | 8.65        | 30.92 | 6.00  | 146    | 56     | PEAK    |       |       |      |      |      |        |        |       |        |        |     |     |      |      |      |      |        |        |     |       |        |        |        |      |      |      |    |    |    |    |    |     |     |     |  |  |  |   |         |         |         |       |       |        |       |       |       |       |      |         |         |      |  |  |  |  |  |  |  |
| Fundamental | <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th colspan="2"></th> <th colspan="2">Limit</th> <th colspan="2">Read</th> <th colspan="2">Ant</th> <th colspan="2">Cable</th> <th colspan="2">Preamp</th> <th colspan="2">Aux</th> <th colspan="2">APos</th> <th colspan="2">TPos</th> <th colspan="2">Remark</th> </tr> <tr> <th>MHz</th> <th>Level</th> <th>dBuV/m</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV</th> <th>dB/m</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> <th colspan="5"></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2402.00</td> <td>101.71</td> <td>-----</td> <td>-----</td> <td>85.77</td> <td>32.00</td> <td>8.81</td> <td>30.87</td> <td>6.00</td> <td>146</td> <td>56</td> <td colspan="8">PEAK</td> </tr> </tbody> </table>    |   |        |        |       |       |             |       |       |        |        |         | Limit |       | Read |      | Ant  |        | Cable  |       | Preamp |        | Aux |     | APos |      | TPos |      | Remark |        | MHz | Level | dBuV/m | dBuV/m | dB     | dBuV | dB/m | dB   | dB | dB | dB | dB | cm | deg |     |     |  |  |  | 1 | 2402.00 | 101.71  | -----   | ----- | 85.77 | 32.00  | 8.81  | 30.87 | 6.00  | 146   | 56   | PEAK    |         |      |  |  |  |  |  |  |  |
|             |  | Limit   |        | Read   |       | Ant   |             | Cable |       | Preamp |        | Aux     |       | APos  |      | TPos |      | Remark |        |       |        |        |     |     |      |      |      |      |        |        |     |       |        |        |        |      |      |      |    |    |    |    |    |     |     |     |  |  |  |   |         |         |         |       |       |        |       |       |       |       |      |         |         |      |  |  |  |  |  |  |  |
| MHz         | Level  | dBuV/m  | dBuV/m | dB     | dBuV  | dB/m  | dB          | dB    | dB    | dB     | dB     | cm      | deg   |       |      |      |      |        |        |       |        |        |     |     |      |      |      |      |        |        |     |       |        |        |        |      |      |      |    |    |    |    |    |     |     |     |  |  |  |   |         |         |         |       |       |        |       |       |       |       |      |         |         |      |  |  |  |  |  |  |  |
| 1           | 2402.00  | 101.71  | -----  | -----  | 85.77 | 32.00 | 8.81        | 30.87 | 6.00  | 146    | 56     | PEAK    |       |       |      |      |      |        |        |       |        |        |     |     |      |      |      |      |        |        |     |       |        |        |        |      |      |      |    |    |    |    |    |     |     |     |  |  |  |   |         |         |         |       |       |        |       |       |       |       |      |         |         |      |  |  |  |  |  |  |  |
| <b>Avg</b>  | Horizontal   | <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th colspan="2"></th> <th colspan="2">Limit</th> <th colspan="2">Read</th> <th colspan="2">Ant</th> <th colspan="2">Cable</th> <th colspan="2">Preamp</th> <th colspan="2">Aux</th> <th colspan="2">APos</th> <th colspan="2">TPos</th> <th colspan="2">Remark</th> </tr> <tr> <th>MHz</th> <th>Level</th> <th>dBuV/m</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV</th> <th>dB/m</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> <th colspan="5"></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2363.30</td> <td>46.54</td> <td>54.00</td> <td>-7.46</td> <td>30.84</td> <td>31.92</td> <td>8.69</td> <td>30.91</td> <td>6.00</td> <td>146</td> <td>56</td> <td colspan="8">AVERAGE</td> </tr> </tbody> </table>           |        |        |       |       |             |       |       |        |        |         |       | Limit |      | Read |      | Ant    |        | Cable |        | Preamp |     | Aux |      | APos |      | TPos |        | Remark |     | MHz   | Level  | dBuV/m | dBuV/m | dB   | dBuV | dB/m | dB | dB | dB | dB | dB | cm  | deg |     |  |  |  |   | 1       | 2363.30 | 46.54   | 54.00 | -7.46 | 30.84  | 31.92 | 8.69  | 30.91 | 6.00  | 146  | 56      | AVERAGE |      |  |  |  |  |  |  |  |
|             |  |   | Limit  |        | Read  |       | Ant         |       | Cable |        | Preamp |         | Aux   |       | APos |      | TPos |        | Remark |       |        |        |     |     |      |      |      |      |        |        |     |       |        |        |        |      |      |      |    |    |    |    |    |     |     |     |  |  |  |   |         |         |         |       |       |        |       |       |       |       |      |         |         |      |  |  |  |  |  |  |  |
| MHz         | Level  | dBuV/m  | dBuV/m | dB     | dBuV  | dB/m  | dB          | dB    | dB    | dB     | dB     | cm      | deg   |       |      |      |      |        |        |       |        |        |     |     |      |      |      |      |        |        |     |       |        |        |        |      |      |      |    |    |    |    |    |     |     |     |  |  |  |   |         |         |         |       |       |        |       |       |       |       |      |         |         |      |  |  |  |  |  |  |  |
| 1           | 2363.30  | 46.54   | 54.00  | -7.46  | 30.84 | 31.92 | 8.69        | 30.91 | 6.00  | 146    | 56     | AVERAGE |       |       |      |      |      |        |        |       |        |        |     |     |      |      |      |      |        |        |     |       |        |        |        |      |      |      |    |    |    |    |    |     |     |     |  |  |  |   |         |         |         |       |       |        |       |       |       |       |      |         |         |      |  |  |  |  |  |  |  |
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|             |  | Limit   |        | Read   |       | Ant   |             | Cable |       | Preamp |        | Aux     |       | APos  |      | TPos |      | Remark |        |       |        |        |     |     |      |      |      |      |        |        |     |       |        |        |        |      |      |      |    |    |    |    |    |     |     |     |  |  |  |   |         |         |         |       |       |        |       |       |       |       |      |         |         |      |  |  |  |  |  |  |  |
| MHz         | Level  | dBuV/m  | dBuV/m | dB     | dBuV  | dB/m  | dB          | dB    | dB    | dB     | dB     | cm      | deg   |       |      |      |      |        |        |       |        |        |     |     |      |      |      |      |        |        |     |       |        |        |        |      |      |      |    |    |    |    |    |     |     |     |  |  |  |   |         |         |         |       |       |        |       |       |       |       |      |         |         |      |  |  |  |  |  |  |  |
| 1           | 2402.00  | 100.91  | -----  | -----  | 84.97 | 32.00 | 8.81        | 30.87 | 6.00  | 146    | 56     | AVERAGE |       |       |      |      |      |        |        |       |        |        |     |     |      |      |      |      |        |        |     |       |        |        |        |      |      |      |    |    |    |    |    |     |     |     |  |  |  |   |         |         |         |       |       |        |       |       |       |       |      |         |         |      |  |  |  |  |  |  |  |



|             |   | 1  |       |        |             |        |             |       |      |     |            |       |       |      |       |        |        |      |      |      |  |      |       |             |             |        |             |             |        |  |    |     |     |        |        |        |      |      |      |    |    |    |  |   |         |         |       |       |        |       |       |       |       |      |            |            |
|-------------|---|--|-------|--------|-------------|--------|-------------|-------|------|-----|------------|-------|-------|------|-------|--------|--------|------|------|------|--|------|-------|-------------|-------------|--------|-------------|-------------|--------|--|----|-----|-----|--------|--------|--------|------|------|------|----|----|----|--|---|---------|---------|-------|-------|--------|-------|-------|-------|-------|------|------------|------------|
| Mode        |   | Band Edge  |       |        |             |        |             |       |      |     |            |       |       |      |       |        |        |      |      |      |  |      |       |             |             |        |             |             |        |  |    |     |     |        |        |        |      |      |      |    |    |    |  |   |         |         |       |       |        |       |       |       |       |      |            |            |
|             |   | 2400-2483.5_Bluetooth-LE_CH00_2402MHz  |       |        |             |        |             |       |      |     |            |       |       |      |       |        |        |      |      |      |  |      |       |             |             |        |             |             |        |  |    |     |     |        |        |        |      |      |      |    |    |    |  |   |         |         |       |       |        |       |       |       |       |      |            |            |
| Pol.        |   | Vertical   |       |        |             |        | Fundamental |       |      |     |            |       |       |      |       |        |        |      |      |      |  |      |       |             |             |        |             |             |        |  |    |     |     |        |        |        |      |      |      |    |    |    |  |   |         |         |       |       |        |       |       |       |       |      |            |            |
| <b>Peak</b> | Vertical  | <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th></th> <th>Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APos</th> <th>TPos</th> <th colspan="2"></th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level</th> <th>Factor</th> <th>Loss Factor</th> <th>Factor</th> <th></th> <th></th> <th>cm</th> <th>deg</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV</th> <th>dB/m</th> <th>dB</th> <th>dB</th> <th>dB</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2360.57</td> <td>56.79</td> <td>74.00</td> <td>-17.21</td> <td>41.11</td> <td>31.91</td> <td>8.68</td> <td>30.91</td> <td>6.00</td> <td>296</td> <td>54 PEAK</td> </tr> </tbody> </table>   |       |        |             |        |             |       |      |     |            |       | Limit | Read | Ant   | Cable  | Preamp | Aux  | APos | TPos |  |      | Freq  | Level       | Line Margin | Level  | Factor      | Loss Factor | Factor |  |    | cm  | deg | MHz    | dBuV/m | dBuV/m | dB   | dBuV | dB/m | dB | dB | dB |  |   | 1       | 2360.57 | 56.79 | 74.00 | -17.21 | 41.11 | 31.91 | 8.68  | 30.91 | 6.00 | 296        | 54 PEAK    |
|             |   | Limit  | Read  | Ant    | Cable       | Preamp | Aux         | APos  | TPos |     |            |       |       |      |       |        |        |      |      |      |  |      |       |             |             |        |             |             |        |  |    |     |     |        |        |        |      |      |      |    |    |    |  |   |         |         |       |       |        |       |       |       |       |      |            |            |
| Freq        | Level   | Line Margin  | Level | Factor | Loss Factor | Factor |             |       | cm   | deg |            |       |       |      |       |        |        |      |      |      |  |      |       |             |             |        |             |             |        |  |    |     |     |        |        |        |      |      |      |    |    |    |  |   |         |         |       |       |        |       |       |       |       |      |            |            |
| MHz         | dBuV/m  | dBuV/m   | dB    | dBuV   | dB/m        | dB     | dB          | dB    |      |     |            |       |       |      |       |        |        |      |      |      |  |      |       |             |             |        |             |             |        |  |    |     |     |        |        |        |      |      |      |    |    |    |  |   |         |         |       |       |        |       |       |       |       |      |            |            |
| 1           | 2360.57   | 56.79  | 74.00 | -17.21 | 41.11       | 31.91  | 8.68        | 30.91 | 6.00 | 296 | 54 PEAK    |       |       |      |       |        |        |      |      |      |  |      |       |             |             |        |             |             |        |  |    |     |     |        |        |        |      |      |      |    |    |    |  |   |         |         |       |       |        |       |       |       |       |      |            |            |
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|             | Limit   | Read   | Ant   | Cable  | Preamp      | Aux    | APos        | TPos  |      |     |            |       |       |      |       |        |        |      |      |      |  |      |       |             |             |        |             |             |        |  |    |     |     |        |        |        |      |      |      |    |    |    |  |   |         |         |       |       |        |       |       |       |       |      |            |            |
| Freq        | Level   | Line Margin  | Level | Factor | Loss Factor | Factor |             |       | cm   | deg |            |       |       |      |       |        |        |      |      |      |  |      |       |             |             |        |             |             |        |  |    |     |     |        |        |        |      |      |      |    |    |    |  |   |         |         |       |       |        |       |       |       |       |      |            |            |
| MHz         | dBuV/m  | dBuV/m   | dB    | dBuV   | dB/m        | dB     | dB          | dB    |      |     |            |       |       |      |       |        |        |      |      |      |  |      |       |             |             |        |             |             |        |  |    |     |     |        |        |        |      |      |      |    |    |    |  |   |         |         |       |       |        |       |       |       |       |      |            |            |
| 1           | 2402.00   | 101.37   | ----- | -----  | 85.43       | 32.00  | 8.81        | 30.87 | 6.00 | 296 | 54 PEAK    |       |       |      |       |        |        |      |      |      |  |      |       |             |             |        |             |             |        |  |    |     |     |        |        |        |      |      |      |    |    |    |  |   |         |         |       |       |        |       |       |       |       |      |            |            |
| <b>Avg</b>  | Vertical  | <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th></th> <th>Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APos</th> <th>TPos</th> <th colspan="2"></th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level</th> <th>Factor</th> <th>Loss Factor</th> <th>Factor</th> <th></th> <th></th> <th>cm</th> <th>deg</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV</th> <th>dB/m</th> <th>dB</th> <th>dB</th> <th>dB</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2363.82</td> <td>45.95</td> <td>54.00</td> <td>-8.05</td> <td>30.25</td> <td>31.92</td> <td>8.69</td> <td>30.91</td> <td>6.00</td> <td>296</td> <td>54 AVERAGE</td> </tr> </tbody> </table> |       |        |             |        |             |       |      |     |            |       | Limit | Read | Ant   | Cable  | Preamp | Aux  | APos | TPos |  |      | Freq  | Level       | Line Margin | Level  | Factor      | Loss Factor | Factor |  |    | cm  | deg | MHz    | dBuV/m | dBuV/m | dB   | dBuV | dB/m | dB | dB | dB |  |   | 1       | 2363.82 | 45.95 | 54.00 | -8.05  | 30.25 | 31.92 | 8.69  | 30.91 | 6.00 | 296        | 54 AVERAGE |
|             |   | Limit  | Read  | Ant    | Cable       | Preamp | Aux         | APos  | TPos |     |            |       |       |      |       |        |        |      |      |      |  |      |       |             |             |        |             |             |        |  |    |     |     |        |        |        |      |      |      |    |    |    |  |   |         |         |       |       |        |       |       |       |       |      |            |            |
| Freq        | Level   | Line Margin  | Level | Factor | Loss Factor | Factor |             |       | cm   | deg |            |       |       |      |       |        |        |      |      |      |  |      |       |             |             |        |             |             |        |  |    |     |     |        |        |        |      |      |      |    |    |    |  |   |         |         |       |       |        |       |       |       |       |      |            |            |
| MHz         | dBuV/m  | dBuV/m   | dB    | dBuV   | dB/m        | dB     | dB          | dB    |      |     |            |       |       |      |       |        |        |      |      |      |  |      |       |             |             |        |             |             |        |  |    |     |     |        |        |        |      |      |      |    |    |    |  |   |         |         |       |       |        |       |       |       |       |      |            |            |
| 1           | 2363.82   | 45.95  | 54.00 | -8.05  | 30.25       | 31.92  | 8.69        | 30.91 | 6.00 | 296 | 54 AVERAGE |       |       |      |       |        |        |      |      |      |  |      |       |             |             |        |             |             |        |  |    |     |     |        |        |        |      |      |      |    |    |    |  |   |         |         |       |       |        |       |       |       |       |      |            |            |
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|             | Limit   | Read   | Ant   | Cable  | Preamp      | Aux    | APos        | TPos  |      |     |            |       |       |      |       |        |        |      |      |      |  |      |       |             |             |        |             |             |        |  |    |     |     |        |        |        |      |      |      |    |    |    |  |   |         |         |       |       |        |       |       |       |       |      |            |            |
| Freq        | Level   | Line Margin  | Level | Factor | Loss Factor | Factor |             |       | cm   | deg |            |       |       |      |       |        |        |      |      |      |  |      |       |             |             |        |             |             |        |  |    |     |     |        |        |        |      |      |      |    |    |    |  |   |         |         |       |       |        |       |       |       |       |      |            |            |
| MHz         | dBuV/m  | dBuV/m   | dB    | dBuV   | dB/m        | dB     | dB          | dB    |      |     |            |       |       |      |       |        |        |      |      |      |  |      |       |             |             |        |             |             |        |  |    |     |     |        |        |        |      |      |      |    |    |    |  |   |         |         |       |       |        |       |       |       |       |      |            |            |
| 1           | 2402.00   | 100.58   | ----- | -----  | 84.64       | 32.00  | 8.81        | 30.87 | 6.00 | 296 | 54 AVERAGE |       |       |      |       |        |        |      |      |      |  |      |       |             |             |        |             |             |        |  |    |     |     |        |        |        |      |      |      |    |    |    |  |   |         |         |       |       |        |       |       |       |       |      |            |            |



| Mode     | 1   |             |              |             |        |        |       |        |      |        |      |         |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |
|----------|---|-------------|--------------|-------------|--------|--------|-------|--------|------|--------|------|---------|-------------|--------------|-------------|--------|--|--|--|-----|--------|--------|----|------|------|----|----|----|-----|---|---------|-------|-------|--------|-------|-------|-------|-------|------|-----|-----|------|---|---------|-------|-------|-------|-------|-------|-------|-------|------|-----|-----|---------|---|-------|------|-----|-------|--------|-----|------|------|--------|------|-------|-------------|--------------|-------------|--------|--|--|--|-----|--------|--------|----|------|------|----|----|----|-----|---|---------|-------|-------|--------|-------|-------|-------|-------|------|-----|-----|------|---|---------|-------|-------|-------|-------|-------|-------|-------|------|-----|-----|---------|
|          | Harmonic  |             |              |             |        |        |       |        |      |        |      |         |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |
|          | 2400-2483.5_Bluetooth-LE_CH00_2402MHz   |             |              |             |        |        |       |        |      |        |      |         |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |
| Pol.     | Horizontal  | Vertical    |              |             |        |        |       |        |      |        |      |         |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |
| Peak Avg | <table border="1"> <thead> <tr> <th>Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APos</th> <th>TPos</th> <th>Remark</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level Factor</th> <th>Loss Factor</th> <th>Factor</th> <th></th> <th></th> <th></th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV</th> <th>dB/m</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>4804.00</td> <td>52.59</td> <td>74.00</td> <td>-21.41</td> <td>71.37</td> <td>34.10</td> <td>12.55</td> <td>65.43</td> <td>0.00</td> <td>161</td> <td>149</td> <td>PEAK</td> </tr> <tr> <td>2</td> <td>4804.00</td> <td>49.86</td> <td>54.00</td> <td>-4.14</td> <td>68.63</td> <td>34.10</td> <td>12.56</td> <td>65.43</td> <td>0.00</td> <td>161</td> <td>149</td> <td>AVERAGE</td> </tr> </tbody> </table> | Limit       | Read         | Ant         | Cable  | Preamp | Aux   | APos   | TPos | Remark | Freq | Level   | Line Margin | Level Factor | Loss Factor | Factor |  |  |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 4804.00 | 52.59 | 74.00 | -21.41 | 71.37 | 34.10 | 12.55 | 65.43 | 0.00 | 161 | 149 | PEAK | 2 | 4804.00 | 49.86 | 54.00 | -4.14 | 68.63 | 34.10 | 12.56 | 65.43 | 0.00 | 161 | 149 | AVERAGE | <table border="1"> <thead> <tr> <th>Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APos</th> <th>TPos</th> <th>Remark</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level Factor</th> <th>Loss Factor</th> <th>Factor</th> <th></th> <th></th> <th></th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV</th> <th>dB/m</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>4804.00</td> <td>51.17</td> <td>74.00</td> <td>-22.83</td> <td>69.95</td> <td>34.10</td> <td>12.55</td> <td>65.43</td> <td>0.00</td> <td>115</td> <td>173</td> <td>PEAK</td> </tr> <tr> <td>2</td> <td>4804.00</td> <td>48.76</td> <td>54.00</td> <td>-5.24</td> <td>67.53</td> <td>34.10</td> <td>12.56</td> <td>65.43</td> <td>0.00</td> <td>115</td> <td>173</td> <td>AVERAGE</td> </tr> </tbody> </table> | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor |  |  |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 4804.00 | 51.17 | 74.00 | -22.83 | 69.95 | 34.10 | 12.55 | 65.43 | 0.00 | 115 | 173 | PEAK | 2 | 4804.00 | 48.76 | 54.00 | -5.24 | 67.53 | 34.10 | 12.56 | 65.43 | 0.00 | 115 | 173 | AVERAGE |
| Limit    | Read  | Ant         | Cable        | Preamp      | Aux    | APos   | TPos  | Remark |      |        |      |         |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |
| Freq     | Level   | Line Margin | Level Factor | Loss Factor | Factor |        |       |        |      |        |      |         |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |
| MHz      | dBuV/m  | dBuV/m      | dB           | dBuV        | dB/m   | dB     | dB    | cm     | deg  |        |      |         |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |
| 1        | 4804.00   | 52.59       | 74.00        | -21.41      | 71.37  | 34.10  | 12.55 | 65.43  | 0.00 | 161    | 149  | PEAK    |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |
| 2        | 4804.00   | 49.86       | 54.00        | -4.14       | 68.63  | 34.10  | 12.56 | 65.43  | 0.00 | 161    | 149  | AVERAGE |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |
| Limit    | Read  | Ant         | Cable        | Preamp      | Aux    | APos   | TPos  | Remark |      |        |      |         |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |
| Freq     | Level   | Line Margin | Level Factor | Loss Factor | Factor |        |       |        |      |        |      |         |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |
| MHz      | dBuV/m  | dBuV/m      | dB           | dBuV        | dB/m   | dB     | dB    | cm     | deg  |        |      |         |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |
| 1        | 4804.00   | 51.17       | 74.00        | -22.83      | 69.95  | 34.10  | 12.55 | 65.43  | 0.00 | 115    | 173  | PEAK    |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |
| 2        | 4804.00   | 48.76       | 54.00        | -5.24       | 67.53  | 34.10  | 12.56 | 65.43  | 0.00 | 115    | 173  | AVERAGE |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |

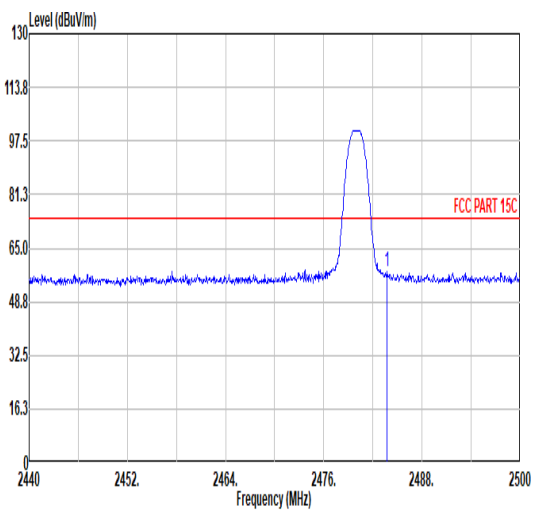
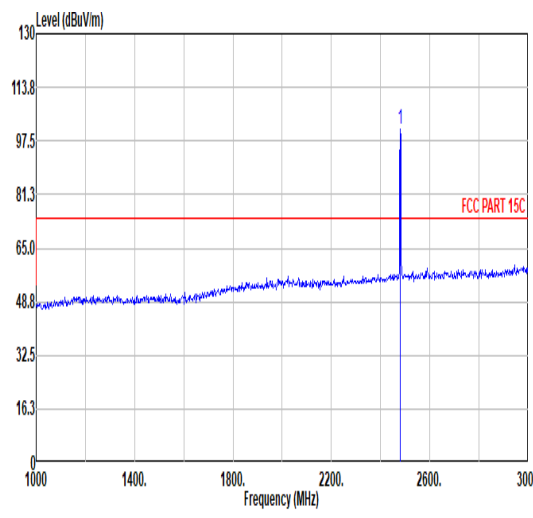
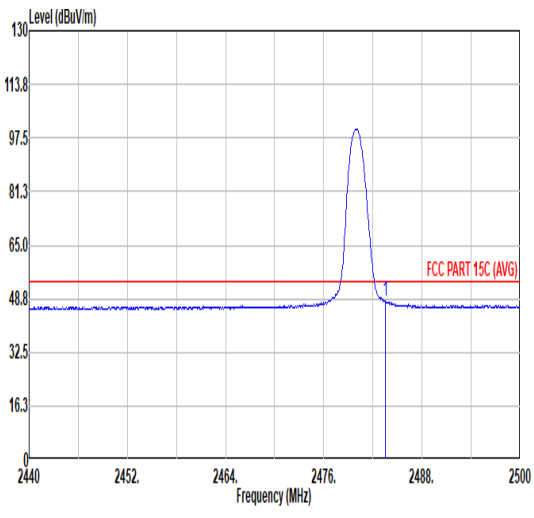
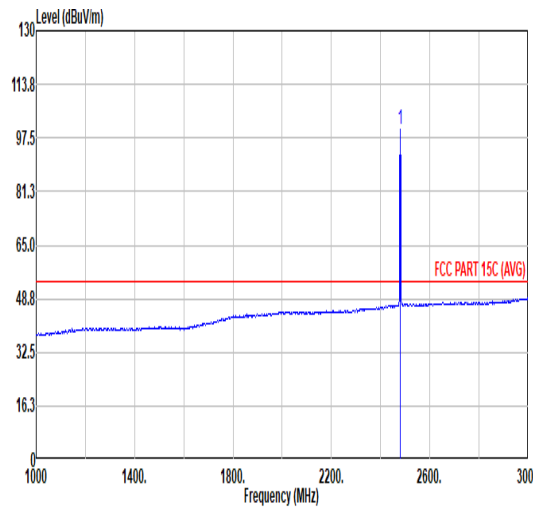


| Mode        | 2   |             |              |             |             |        |       |        |      |        |      |         |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |         |       |       |        |       |       |       |       |      |     |     |      |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |
|-------------|---|-------------|--------------|-------------|-------------|--------|-------|--------|------|--------|------|---------|-------------|--------------|-------------|-------------|--------|--|--|-----|--------|--------|----|------|------|----|----|----|-----|---|---------|-------|-------|--------|-------|-------|-------|-------|------|-----|-----|------|---|---------|-------|-------|-------|-------|-------|-------|-------|------|-----|-----|---------|---|---------|-------|-------|--------|-------|-------|-------|-------|------|-----|-----|------|--|-------|------|-----|-------|--------|-----|------|------|--------|------|-------|-------------|--------------|-------------|-------------|--------|--|--|-----|--------|--------|----|------|------|----|----|----|----|-----|---|---------|-------|-------|--------|-------|-------|-------|-------|------|-----|-----|------|---|---------|-------|-------|--------|-------|-------|-------|-------|------|-----|-----|------|
|             | Harmonic  |             |              |             |             |        |       |        |      |        |      |         |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |         |       |       |        |       |       |       |       |      |     |     |      |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |
|             | 2400-2483.5_Bluetooth-LE_CH19_2440MHz   |             |              |             |             |        |       |        |      |        |      |         |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |         |       |       |        |       |       |       |       |      |     |     |      |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |
| Pol.        | Horizontal  | Vertical    |              |             |             |        |       |        |      |        |      |         |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |         |       |       |        |       |       |       |       |      |     |     |      |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |
| Peak<br>Avg | <table border="1"> <thead> <tr> <th>Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APos</th> <th>TPos</th> <th>Remark</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level Factor</th> <th>Loss Factor</th> <th>Loss Factor</th> <th>Factor</th> <th></th> <th></th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV</th> <th>dB/m</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>4880.00</td> <td>52.24</td> <td>74.00</td> <td>-21.76</td> <td>71.31</td> <td>34.10</td> <td>12.27</td> <td>65.44</td> <td>0.00</td> <td>137</td> <td>148</td> <td>PEAK</td> </tr> <tr> <td>2</td> <td>4880.00</td> <td>49.77</td> <td>54.00</td> <td>-4.23</td> <td>68.84</td> <td>34.10</td> <td>12.27</td> <td>65.44</td> <td>0.00</td> <td>137</td> <td>148</td> <td>AVERAGE</td> </tr> <tr> <td>3</td> <td>7320.00</td> <td>43.10</td> <td>74.00</td> <td>-30.90</td> <td>57.82</td> <td>35.80</td> <td>14.73</td> <td>65.25</td> <td>0.00</td> <td>---</td> <td>---</td> <td>PEAK</td> </tr> </tbody> </table> | Limit       | Read         | Ant         | Cable       | Preamp | Aux   | APos   | TPos | Remark | Freq | Level   | Line Margin | Level Factor | Loss Factor | Loss Factor | Factor |  |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 4880.00 | 52.24 | 74.00 | -21.76 | 71.31 | 34.10 | 12.27 | 65.44 | 0.00 | 137 | 148 | PEAK | 2 | 4880.00 | 49.77 | 54.00 | -4.23 | 68.84 | 34.10 | 12.27 | 65.44 | 0.00 | 137 | 148 | AVERAGE | 3 | 7320.00 | 43.10 | 74.00 | -30.90 | 57.82 | 35.80 | 14.73 | 65.25 | 0.00 | --- | --- | PEAK | <table border="1"> <thead> <tr> <th>Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APos</th> <th>TPos</th> <th>Remark</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level Factor</th> <th>Loss Factor</th> <th>Loss Factor</th> <th>Factor</th> <th></th> <th></th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV</th> <th>dB/m</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>4880.00</td> <td>45.11</td> <td>74.00</td> <td>-28.89</td> <td>64.18</td> <td>34.10</td> <td>12.27</td> <td>65.44</td> <td>0.00</td> <td>---</td> <td>---</td> <td>PEAK</td> </tr> <tr> <td>2</td> <td>7320.00</td> <td>42.92</td> <td>74.00</td> <td>-31.08</td> <td>57.64</td> <td>35.80</td> <td>14.73</td> <td>65.25</td> <td>0.00</td> <td>---</td> <td>---</td> <td>PEAK</td> </tr> </tbody> </table> | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | Freq | Level | Line Margin | Level Factor | Loss Factor | Loss Factor | Factor |  |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | cm | deg | 1 | 4880.00 | 45.11 | 74.00 | -28.89 | 64.18 | 34.10 | 12.27 | 65.44 | 0.00 | --- | --- | PEAK | 2 | 7320.00 | 42.92 | 74.00 | -31.08 | 57.64 | 35.80 | 14.73 | 65.25 | 0.00 | --- | --- | PEAK |
| Limit       | Read  | Ant         | Cable        | Preamp      | Aux         | APos   | TPos  | Remark |      |        |      |         |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |         |       |       |        |       |       |       |       |      |     |     |      |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |
| Freq        | Level   | Line Margin | Level Factor | Loss Factor | Loss Factor | Factor |       |        |      |        |      |         |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |         |       |       |        |       |       |       |       |      |     |     |      |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |
| MHz         | dBuV/m  | dBuV/m      | dB           | dBuV        | dB/m        | dB     | dB    | cm     | deg  |        |      |         |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |         |       |       |        |       |       |       |       |      |     |     |      |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |
| 1           | 4880.00   | 52.24       | 74.00        | -21.76      | 71.31       | 34.10  | 12.27 | 65.44  | 0.00 | 137    | 148  | PEAK    |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |         |       |       |        |       |       |       |       |      |     |     |      |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |
| 2           | 4880.00   | 49.77       | 54.00        | -4.23       | 68.84       | 34.10  | 12.27 | 65.44  | 0.00 | 137    | 148  | AVERAGE |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |         |       |       |        |       |       |       |       |      |     |     |      |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |
| 3           | 7320.00   | 43.10       | 74.00        | -30.90      | 57.82       | 35.80  | 14.73 | 65.25  | 0.00 | ---    | ---  | PEAK    |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |         |       |       |        |       |       |       |       |      |     |     |      |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |
| Limit       | Read  | Ant         | Cable        | Preamp      | Aux         | APos   | TPos  | Remark |      |        |      |         |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |         |       |       |        |       |       |       |       |      |     |     |      |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |
| Freq        | Level   | Line Margin | Level Factor | Loss Factor | Loss Factor | Factor |       |        |      |        |      |         |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |         |       |       |        |       |       |       |       |      |     |     |      |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |
| MHz         | dBuV/m  | dBuV/m      | dB           | dBuV        | dB/m        | dB     | dB    | dB     | cm   | deg    |      |         |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |         |       |       |        |       |       |       |       |      |     |     |      |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |
| 1           | 4880.00   | 45.11       | 74.00        | -28.89      | 64.18       | 34.10  | 12.27 | 65.44  | 0.00 | ---    | ---  | PEAK    |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |         |       |       |        |       |       |       |       |      |     |     |      |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |
| 2           | 7320.00   | 42.92       | 74.00        | -31.08      | 57.64       | 35.80  | 14.73 | 65.25  | 0.00 | ---    | ---  | PEAK    |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |         |       |       |        |       |       |       |       |      |     |     |      |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |



| Mode  | 3   |             |              |             |        |        |      |        |      |        |      |         |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |     |         |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |       |       |       |      |       |      |     |     |         |
|-------|---|-------------|--------------|-------------|--------|--------|------|--------|------|--------|------|---------|-------------|--------------|-------------|--------|--|--|--|-----|--------|--------|----|------|------|----|----|----|-----|---|---------|-------|-------|--------|-------|-------|------|-------|------|-----|-----|---------|---|-------|------|-----|-------|--------|-----|------|------|--------|------|-------|-------------|--------------|-------------|--------|--|--|--|-----|--------|--------|----|------|------|----|----|----|-----|---|---------|-------|-------|-------|-------|-------|------|-------|------|-----|-----|---------|
|       | Band Edge   |             |              |             |        |        |      |        |      |        |      |         |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |     |         |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |       |       |       |      |       |      |     |     |         |
|       | 2400-2483.5_Bluetooth-LE_CH39_2480MHz   |             |              |             |        |        |      |        |      |        |      |         |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |     |         |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |       |       |       |      |       |      |     |     |         |
| Pol.  | Horizontal  | Fundamental |              |             |        |        |      |        |      |        |      |         |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |     |         |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |       |       |       |      |       |      |     |     |         |
| Peak  | <table border="1"> <thead> <tr> <th>Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APos</th> <th>TPos</th> <th>Remark</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level Factor</th> <th>Loss Factor</th> <th>Factor</th> <th></th> <th></th> <th></th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV</th> <th>dB/m</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2484.88</td> <td>57.73</td> <td>74.00</td> <td>-16.27</td> <td>41.19</td> <td>32.13</td> <td>9.05</td> <td>30.64</td> <td>6.00</td> <td>100</td> <td>180</td> <td>PEAK</td> </tr> </tbody> </table>   | Limit       | Read         | Ant         | Cable  | Preamp | Aux  | APos   | TPos | Remark | Freq | Level   | Line Margin | Level Factor | Loss Factor | Factor |  |  |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 2484.88 | 57.73 | 74.00 | -16.27 | 41.19 | 32.13 | 9.05 | 30.64 | 6.00 | 100 | 180 | PEAK    | <table border="1"> <thead> <tr> <th>Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APos</th> <th>TPos</th> <th>Remark</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level Factor</th> <th>Loss Factor</th> <th>Factor</th> <th></th> <th></th> <th></th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV</th> <th>dB/m</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2480.00</td> <td>99.50</td> <td>-----</td> <td>-----</td> <td>83.08</td> <td>32.12</td> <td>9.04</td> <td>30.66</td> <td>6.00</td> <td>100</td> <td>180</td> <td>PEAK</td> </tr> </tbody> </table>    | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor |  |  |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 2480.00 | 99.50 | ----- | ----- | 83.08 | 32.12 | 9.04 | 30.66 | 6.00 | 100 | 180 | PEAK    |
| Limit | Read  | Ant         | Cable        | Preamp      | Aux    | APos   | TPos | Remark |      |        |      |         |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |     |         |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |       |       |       |      |       |      |     |     |         |
| Freq  | Level   | Line Margin | Level Factor | Loss Factor | Factor |        |      |        |      |        |      |         |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |     |         |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |       |       |       |      |       |      |     |     |         |
| MHz   | dBuV/m  | dBuV/m      | dB           | dBuV        | dB/m   | dB     | dB   | cm     | deg  |        |      |         |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |     |         |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |       |       |       |      |       |      |     |     |         |
| 1     | 2484.88   | 57.73       | 74.00        | -16.27      | 41.19  | 32.13  | 9.05 | 30.64  | 6.00 | 100    | 180  | PEAK    |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |     |         |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |       |       |       |      |       |      |     |     |         |
| Limit | Read  | Ant         | Cable        | Preamp      | Aux    | APos   | TPos | Remark |      |        |      |         |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |     |         |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |       |       |       |      |       |      |     |     |         |
| Freq  | Level   | Line Margin | Level Factor | Loss Factor | Factor |        |      |        |      |        |      |         |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |     |         |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |       |       |       |      |       |      |     |     |         |
| MHz   | dBuV/m  | dBuV/m      | dB           | dBuV        | dB/m   | dB     | dB   | cm     | deg  |        |      |         |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |     |         |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |       |       |       |      |       |      |     |     |         |
| 1     | 2480.00   | 99.50       | -----        | -----       | 83.08  | 32.12  | 9.04 | 30.66  | 6.00 | 100    | 180  | PEAK    |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |     |         |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |       |       |       |      |       |      |     |     |         |
| Avg   | <table border="1"> <thead> <tr> <th>Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APos</th> <th>TPos</th> <th>Remark</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level Factor</th> <th>Loss Factor</th> <th>Factor</th> <th></th> <th></th> <th></th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV</th> <th>dB/m</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2483.56</td> <td>47.27</td> <td>54.00</td> <td>-6.73</td> <td>30.74</td> <td>32.13</td> <td>9.05</td> <td>30.65</td> <td>6.00</td> <td>100</td> <td>180</td> <td>AVERAGE</td> </tr> </tbody> </table> | Limit       | Read         | Ant         | Cable  | Preamp | Aux  | APos   | TPos | Remark | Freq | Level   | Line Margin | Level Factor | Loss Factor | Factor |  |  |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 2483.56 | 47.27 | 54.00 | -6.73  | 30.74 | 32.13 | 9.05 | 30.65 | 6.00 | 100 | 180 | AVERAGE | <table border="1"> <thead> <tr> <th>Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APos</th> <th>TPos</th> <th>Remark</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level Factor</th> <th>Loss Factor</th> <th>Factor</th> <th></th> <th></th> <th></th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV</th> <th>dB/m</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2480.00</td> <td>98.75</td> <td>-----</td> <td>-----</td> <td>82.25</td> <td>32.12</td> <td>9.04</td> <td>30.66</td> <td>6.00</td> <td>100</td> <td>180</td> <td>AVERAGE</td> </tr> </tbody> </table> | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor |  |  |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 2480.00 | 98.75 | ----- | ----- | 82.25 | 32.12 | 9.04 | 30.66 | 6.00 | 100 | 180 | AVERAGE |
| Limit | Read  | Ant         | Cable        | Preamp      | Aux    | APos   | TPos | Remark |      |        |      |         |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |     |         |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |       |       |       |      |       |      |     |     |         |
| Freq  | Level   | Line Margin | Level Factor | Loss Factor | Factor |        |      |        |      |        |      |         |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |     |         |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |       |       |       |      |       |      |     |     |         |
| MHz   | dBuV/m  | dBuV/m      | dB           | dBuV        | dB/m   | dB     | dB   | cm     | deg  |        |      |         |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |     |         |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |       |       |       |      |       |      |     |     |         |
| 1     | 2483.56   | 47.27       | 54.00        | -6.73       | 30.74  | 32.13  | 9.05 | 30.65  | 6.00 | 100    | 180  | AVERAGE |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |     |         |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |       |       |       |      |       |      |     |     |         |
| Limit | Read  | Ant         | Cable        | Preamp      | Aux    | APos   | TPos | Remark |      |        |      |         |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |     |         |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |       |       |       |      |       |      |     |     |         |
| Freq  | Level   | Line Margin | Level Factor | Loss Factor | Factor |        |      |        |      |        |      |         |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |     |         |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |       |       |       |      |       |      |     |     |         |
| MHz   | dBuV/m  | dBuV/m      | dB           | dBuV        | dB/m   | dB     | dB   | cm     | deg  |        |      |         |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |     |         |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |       |       |       |      |       |      |     |     |         |
| 1     | 2480.00   | 98.75       | -----        | -----       | 82.25  | 32.12  | 9.04 | 30.66  | 6.00 | 100    | 180  | AVERAGE |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |     |         |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |       |       |       |      |       |      |     |     |         |



|       |  | 3           |              |             |        |        |        |       |      |      |       |             |              |             |        |  |        |     |        |        |    |      |      |    |    |   |         |       |       |        |       |       |      |       |      |     |     |         |   |       |      |     |       |        |     |      |      |      |       |             |              |             |        |  |        |     |        |        |    |      |      |    |    |   |         |        |       |       |       |       |      |       |      |     |     |         |
|-------|--|-------------|--------------|-------------|--------|--------|--------|-------|------|------|-------|-------------|--------------|-------------|--------|--|--------|-----|--------|--------|----|------|------|----|----|---|---------|-------|-------|--------|-------|-------|------|-------|------|-----|-----|---------|---|-------|------|-----|-------|--------|-----|------|------|------|-------|-------------|--------------|-------------|--------|--|--------|-----|--------|--------|----|------|------|----|----|---|---------|--------|-------|-------|-------|-------|------|-------|------|-----|-----|---------|
| Mode  | Band Edge  |             |              |             |        |        |        |       |      |      |       |             |              |             |        |  |        |     |        |        |    |      |      |    |    |   |         |       |       |        |       |       |      |       |      |     |     |         |   |       |      |     |       |        |     |      |      |      |       |             |              |             |        |  |        |     |        |        |    |      |      |    |    |   |         |        |       |       |       |       |      |       |      |     |     |         |
|       | 2400-2483.5_Bluetooth-LE_CH39_2480MHz  |             |              |             |        |        |        |       |      |      |       |             |              |             |        |  |        |     |        |        |    |      |      |    |    |   |         |       |       |        |       |       |      |       |      |     |     |         |   |       |      |     |       |        |     |      |      |      |       |             |              |             |        |  |        |     |        |        |    |      |      |    |    |   |         |        |       |       |       |       |      |       |      |     |     |         |
| Pol.  | Vertical   | Fundamental |              |             |        |        |        |       |      |      |       |             |              |             |        |  |        |     |        |        |    |      |      |    |    |   |         |       |       |        |       |       |      |       |      |     |     |         |   |       |      |     |       |        |     |      |      |      |       |             |              |             |        |  |        |     |        |        |    |      |      |    |    |   |         |        |       |       |       |       |      |       |      |     |     |         |
| Peak  |  <p>Level (dBuV/m) vs Frequency (MHz) for Vertical polarization. Peak at 2483.74 MHz.</p> <table border="1"> <thead> <tr> <th>Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APos</th> <th>TPos</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level Factor</th> <th>Loss Factor</th> <th>Factor</th> <th></th> <th>Remark</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV</th> <th>dB/m</th> <th>dB</th> <th>dB</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2483.74</td> <td>57.66</td> <td>74.00</td> <td>-16.34</td> <td>41.13</td> <td>32.13</td> <td>9.05</td> <td>30.65</td> <td>6.00</td> <td>300</td> <td>110</td> <td>PEAK</td> </tr> </tbody> </table>             | Limit       | Read         | Ant         | Cable  | Preamp | Aux    | APos  | TPos | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor |  | Remark | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | 1 | 2483.74 | 57.66 | 74.00 | -16.34 | 41.13 | 32.13 | 9.05 | 30.65 | 6.00 | 300 | 110 | PEAK    |  <p>Level (dBuV/m) vs Frequency (MHz) for Fundamental polarization. Peak at 2480.00 MHz.</p> <table border="1"> <thead> <tr> <th>Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APos</th> <th>TPos</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level Factor</th> <th>Loss Factor</th> <th>Factor</th> <th></th> <th>Remark</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV</th> <th>dB/m</th> <th>dB</th> <th>dB</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2480.00</td> <td>101.01</td> <td>-----</td> <td>-----</td> <td>84.51</td> <td>32.12</td> <td>9.04</td> <td>30.66</td> <td>6.00</td> <td>300</td> <td>110</td> <td>PEAK</td> </tr> </tbody> </table>              | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor |  | Remark | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | 1 | 2480.00 | 101.01 | ----- | ----- | 84.51 | 32.12 | 9.04 | 30.66 | 6.00 | 300 | 110 | PEAK    |
|       | Limit  | Read        | Ant          | Cable       | Preamp | Aux    | APos   | TPos  |      |      |       |             |              |             |        |  |        |     |        |        |    |      |      |    |    |   |         |       |       |        |       |       |      |       |      |     |     |         |   |       |      |     |       |        |     |      |      |      |       |             |              |             |        |  |        |     |        |        |    |      |      |    |    |   |         |        |       |       |       |       |      |       |      |     |     |         |
| Freq  | Level  | Line Margin | Level Factor | Loss Factor | Factor |        | Remark |       |      |      |       |             |              |             |        |  |        |     |        |        |    |      |      |    |    |   |         |       |       |        |       |       |      |       |      |     |     |         |   |       |      |     |       |        |     |      |      |      |       |             |              |             |        |  |        |     |        |        |    |      |      |    |    |   |         |        |       |       |       |       |      |       |      |     |     |         |
| MHz   | dBuV/m   | dBuV/m      | dB           | dBuV        | dB/m   | dB     | dB     |       |      |      |       |             |              |             |        |  |        |     |        |        |    |      |      |    |    |   |         |       |       |        |       |       |      |       |      |     |     |         |   |       |      |     |       |        |     |      |      |      |       |             |              |             |        |  |        |     |        |        |    |      |      |    |    |   |         |        |       |       |       |       |      |       |      |     |     |         |
| 1     | 2483.74  | 57.66       | 74.00        | -16.34      | 41.13  | 32.13  | 9.05   | 30.65 | 6.00 | 300  | 110   | PEAK        |              |             |        |  |        |     |        |        |    |      |      |    |    |   |         |       |       |        |       |       |      |       |      |     |     |         |   |       |      |     |       |        |     |      |      |      |       |             |              |             |        |  |        |     |        |        |    |      |      |    |    |   |         |        |       |       |       |       |      |       |      |     |     |         |
| Limit | Read   | Ant         | Cable        | Preamp      | Aux    | APos   | TPos   |       |      |      |       |             |              |             |        |  |        |     |        |        |    |      |      |    |    |   |         |       |       |        |       |       |      |       |      |     |     |         |   |       |      |     |       |        |     |      |      |      |       |             |              |             |        |  |        |     |        |        |    |      |      |    |    |   |         |        |       |       |       |       |      |       |      |     |     |         |
| Freq  | Level  | Line Margin | Level Factor | Loss Factor | Factor |        | Remark |       |      |      |       |             |              |             |        |  |        |     |        |        |    |      |      |    |    |   |         |       |       |        |       |       |      |       |      |     |     |         |   |       |      |     |       |        |     |      |      |      |       |             |              |             |        |  |        |     |        |        |    |      |      |    |    |   |         |        |       |       |       |       |      |       |      |     |     |         |
| MHz   | dBuV/m   | dBuV/m      | dB           | dBuV        | dB/m   | dB     | dB     |       |      |      |       |             |              |             |        |  |        |     |        |        |    |      |      |    |    |   |         |       |       |        |       |       |      |       |      |     |     |         |   |       |      |     |       |        |     |      |      |      |       |             |              |             |        |  |        |     |        |        |    |      |      |    |    |   |         |        |       |       |       |       |      |       |      |     |     |         |
| 1     | 2480.00  | 101.01      | -----        | -----       | 84.51  | 32.12  | 9.04   | 30.66 | 6.00 | 300  | 110   | PEAK        |              |             |        |  |        |     |        |        |    |      |      |    |    |   |         |       |       |        |       |       |      |       |      |     |     |         |   |       |      |     |       |        |     |      |      |      |       |             |              |             |        |  |        |     |        |        |    |      |      |    |    |   |         |        |       |       |       |       |      |       |      |     |     |         |
| Avg   |  <p>Level (dBuV/m) vs Frequency (MHz) for Vertical polarization. Average level at 2483.50 MHz.</p> <table border="1"> <thead> <tr> <th>Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APos</th> <th>TPos</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level Factor</th> <th>Loss Factor</th> <th>Factor</th> <th></th> <th>Remark</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV</th> <th>dB/m</th> <th>dB</th> <th>dB</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2483.50</td> <td>48.00</td> <td>54.00</td> <td>-6.00</td> <td>31.47</td> <td>32.13</td> <td>9.05</td> <td>30.65</td> <td>6.00</td> <td>300</td> <td>110</td> <td>AVERAGE</td> </tr> </tbody> </table> | Limit       | Read         | Ant         | Cable  | Preamp | Aux    | APos  | TPos | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor |  | Remark | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | 1 | 2483.50 | 48.00 | 54.00 | -6.00  | 31.47 | 32.13 | 9.05 | 30.65 | 6.00 | 300 | 110 | AVERAGE |  <p>Level (dBuV/m) vs Frequency (MHz) for Fundamental polarization. Average level at 2480.00 MHz.</p> <table border="1"> <thead> <tr> <th>Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APos</th> <th>TPos</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level Factor</th> <th>Loss Factor</th> <th>Factor</th> <th></th> <th>Remark</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV</th> <th>dB/m</th> <th>dB</th> <th>dB</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2480.00</td> <td>100.22</td> <td>-----</td> <td>-----</td> <td>83.72</td> <td>32.12</td> <td>9.04</td> <td>30.66</td> <td>6.00</td> <td>300</td> <td>110</td> <td>AVERAGE</td> </tr> </tbody> </table> | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor |  | Remark | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | 1 | 2480.00 | 100.22 | ----- | ----- | 83.72 | 32.12 | 9.04 | 30.66 | 6.00 | 300 | 110 | AVERAGE |
| Limit | Read   | Ant         | Cable        | Preamp      | Aux    | APos   | TPos   |       |      |      |       |             |              |             |        |  |        |     |        |        |    |      |      |    |    |   |         |       |       |        |       |       |      |       |      |     |     |         |   |       |      |     |       |        |     |      |      |      |       |             |              |             |        |  |        |     |        |        |    |      |      |    |    |   |         |        |       |       |       |       |      |       |      |     |     |         |
| Freq  | Level  | Line Margin | Level Factor | Loss Factor | Factor |        | Remark |       |      |      |       |             |              |             |        |  |        |     |        |        |    |      |      |    |    |   |         |       |       |        |       |       |      |       |      |     |     |         |   |       |      |     |       |        |     |      |      |      |       |             |              |             |        |  |        |     |        |        |    |      |      |    |    |   |         |        |       |       |       |       |      |       |      |     |     |         |
| MHz   | dBuV/m   | dBuV/m      | dB           | dBuV        | dB/m   | dB     | dB     |       |      |      |       |             |              |             |        |  |        |     |        |        |    |      |      |    |    |   |         |       |       |        |       |       |      |       |      |     |     |         |   |       |      |     |       |        |     |      |      |      |       |             |              |             |        |  |        |     |        |        |    |      |      |    |    |   |         |        |       |       |       |       |      |       |      |     |     |         |
| 1     | 2483.50  | 48.00       | 54.00        | -6.00       | 31.47  | 32.13  | 9.05   | 30.65 | 6.00 | 300  | 110   | AVERAGE     |              |             |        |  |        |     |        |        |    |      |      |    |    |   |         |       |       |        |       |       |      |       |      |     |     |         |   |       |      |     |       |        |     |      |      |      |       |             |              |             |        |  |        |     |        |        |    |      |      |    |    |   |         |        |       |       |       |       |      |       |      |     |     |         |
| Limit | Read   | Ant         | Cable        | Preamp      | Aux    | APos   | TPos   |       |      |      |       |             |              |             |        |  |        |     |        |        |    |      |      |    |    |   |         |       |       |        |       |       |      |       |      |     |     |         |   |       |      |     |       |        |     |      |      |      |       |             |              |             |        |  |        |     |        |        |    |      |      |    |    |   |         |        |       |       |       |       |      |       |      |     |     |         |
| Freq  | Level  | Line Margin | Level Factor | Loss Factor | Factor |        | Remark |       |      |      |       |             |              |             |        |  |        |     |        |        |    |      |      |    |    |   |         |       |       |        |       |       |      |       |      |     |     |         |   |       |      |     |       |        |     |      |      |      |       |             |              |             |        |  |        |     |        |        |    |      |      |    |    |   |         |        |       |       |       |       |      |       |      |     |     |         |
| MHz   | dBuV/m   | dBuV/m      | dB           | dBuV        | dB/m   | dB     | dB     |       |      |      |       |             |              |             |        |  |        |     |        |        |    |      |      |    |    |   |         |       |       |        |       |       |      |       |      |     |     |         |   |       |      |     |       |        |     |      |      |      |       |             |              |             |        |  |        |     |        |        |    |      |      |    |    |   |         |        |       |       |       |       |      |       |      |     |     |         |
| 1     | 2480.00  | 100.22      | -----        | -----       | 83.72  | 32.12  | 9.04   | 30.66 | 6.00 | 300  | 110   | AVERAGE     |              |             |        |  |        |     |        |        |    |      |      |    |    |   |         |       |       |        |       |       |      |       |      |     |     |         |   |       |      |     |       |        |     |      |      |      |       |             |              |             |        |  |        |     |        |        |    |      |      |    |    |   |         |        |       |       |       |       |      |       |      |     |     |         |





| Mode     | 3   |             |              |             |             |        |       |        |      |        |      |         |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |         |       |       |        |       |       |       |       |      |     |     |      |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |
|----------|---|-------------|--------------|-------------|-------------|--------|-------|--------|------|--------|------|---------|-------------|--------------|-------------|-------------|--------|--|--|-----|--------|--------|----|------|------|----|----|----|-----|---|---------|-------|-------|--------|-------|-------|-------|-------|------|-----|-----|------|---|---------|-------|-------|-------|-------|-------|-------|-------|------|-----|-----|---------|---|---------|-------|-------|--------|-------|-------|-------|-------|------|-----|-----|------|--|-------|------|-----|-------|--------|-----|------|------|--------|------|-------|-------------|--------------|-------------|-------------|--------|--|--|-----|--------|--------|----|------|------|----|----|----|----|-----|---|---------|-------|-------|--------|-------|-------|-------|-------|------|-----|-----|------|---|---------|-------|-------|--------|-------|-------|-------|-------|------|-----|-----|------|
|          | Harmonic  |             |              |             |             |        |       |        |      |        |      |         |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |         |       |       |        |       |       |       |       |      |     |     |      |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |
|          | 2400-2483.5_Bluetooth-LE_CH39_2480MHz   |             |              |             |             |        |       |        |      |        |      |         |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |         |       |       |        |       |       |       |       |      |     |     |      |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |
| Pol.     | Horizontal  | Vertical    |              |             |             |        |       |        |      |        |      |         |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |         |       |       |        |       |       |       |       |      |     |     |      |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |
| Peak Avg | <table border="1"> <thead> <tr> <th>Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APos</th> <th>TPos</th> <th>Remark</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level Factor</th> <th>Loss Factor</th> <th>Loss Factor</th> <th>Factor</th> <th></th> <th></th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV</th> <th>dB/m</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>4960.00</td> <td>50.45</td> <td>74.00</td> <td>-23.55</td> <td>69.53</td> <td>34.10</td> <td>12.27</td> <td>65.45</td> <td>0.00</td> <td>100</td> <td>152</td> <td>PEAK</td> </tr> <tr> <td>2</td> <td>4960.00</td> <td>47.37</td> <td>54.00</td> <td>-6.63</td> <td>66.45</td> <td>34.10</td> <td>12.27</td> <td>65.45</td> <td>0.00</td> <td>100</td> <td>152</td> <td>AVERAGE</td> </tr> <tr> <td>3</td> <td>7440.00</td> <td>45.26</td> <td>74.00</td> <td>-28.74</td> <td>59.87</td> <td>35.80</td> <td>14.92</td> <td>65.33</td> <td>0.00</td> <td>---</td> <td>---</td> <td>PEAK</td> </tr> </tbody> </table> | Limit       | Read         | Ant         | Cable       | Preamp | Aux   | APos   | TPos | Remark | Freq | Level   | Line Margin | Level Factor | Loss Factor | Loss Factor | Factor |  |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 4960.00 | 50.45 | 74.00 | -23.55 | 69.53 | 34.10 | 12.27 | 65.45 | 0.00 | 100 | 152 | PEAK | 2 | 4960.00 | 47.37 | 54.00 | -6.63 | 66.45 | 34.10 | 12.27 | 65.45 | 0.00 | 100 | 152 | AVERAGE | 3 | 7440.00 | 45.26 | 74.00 | -28.74 | 59.87 | 35.80 | 14.92 | 65.33 | 0.00 | --- | --- | PEAK | <table border="1"> <thead> <tr> <th>Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APos</th> <th>TPos</th> <th>Remark</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level Factor</th> <th>Loss Factor</th> <th>Loss Factor</th> <th>Factor</th> <th></th> <th></th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV</th> <th>dB/m</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>4960.00</td> <td>44.16</td> <td>74.00</td> <td>-29.84</td> <td>63.24</td> <td>34.10</td> <td>12.27</td> <td>65.45</td> <td>0.00</td> <td>---</td> <td>---</td> <td>PEAK</td> </tr> <tr> <td>2</td> <td>7440.00</td> <td>43.38</td> <td>74.00</td> <td>-30.62</td> <td>57.99</td> <td>35.80</td> <td>14.92</td> <td>65.33</td> <td>0.00</td> <td>---</td> <td>---</td> <td>PEAK</td> </tr> </tbody> </table> | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | Freq | Level | Line Margin | Level Factor | Loss Factor | Loss Factor | Factor |  |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | cm | deg | 1 | 4960.00 | 44.16 | 74.00 | -29.84 | 63.24 | 34.10 | 12.27 | 65.45 | 0.00 | --- | --- | PEAK | 2 | 7440.00 | 43.38 | 74.00 | -30.62 | 57.99 | 35.80 | 14.92 | 65.33 | 0.00 | --- | --- | PEAK |
| Limit    | Read  | Ant         | Cable        | Preamp      | Aux         | APos   | TPos  | Remark |      |        |      |         |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |         |       |       |        |       |       |       |       |      |     |     |      |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |
| Freq     | Level   | Line Margin | Level Factor | Loss Factor | Loss Factor | Factor |       |        |      |        |      |         |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |         |       |       |        |       |       |       |       |      |     |     |      |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |
| MHz      | dBuV/m  | dBuV/m      | dB           | dBuV        | dB/m        | dB     | dB    | cm     | deg  |        |      |         |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |         |       |       |        |       |       |       |       |      |     |     |      |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |
| 1        | 4960.00   | 50.45       | 74.00        | -23.55      | 69.53       | 34.10  | 12.27 | 65.45  | 0.00 | 100    | 152  | PEAK    |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |         |       |       |        |       |       |       |       |      |     |     |      |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |
| 2        | 4960.00   | 47.37       | 54.00        | -6.63       | 66.45       | 34.10  | 12.27 | 65.45  | 0.00 | 100    | 152  | AVERAGE |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |         |       |       |        |       |       |       |       |      |     |     |      |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |
| 3        | 7440.00   | 45.26       | 74.00        | -28.74      | 59.87       | 35.80  | 14.92 | 65.33  | 0.00 | ---    | ---  | PEAK    |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |         |       |       |        |       |       |       |       |      |     |     |      |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |
| Limit    | Read  | Ant         | Cable        | Preamp      | Aux         | APos   | TPos  | Remark |      |        |      |         |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |         |       |       |        |       |       |       |       |      |     |     |      |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |
| Freq     | Level   | Line Margin | Level Factor | Loss Factor | Loss Factor | Factor |       |        |      |        |      |         |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |         |       |       |        |       |       |       |       |      |     |     |      |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |
| MHz      | dBuV/m  | dBuV/m      | dB           | dBuV        | dB/m        | dB     | dB    | dB     | cm   | deg    |      |         |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |         |       |       |        |       |       |       |       |      |     |     |      |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |
| 1        | 4960.00   | 44.16       | 74.00        | -29.84      | 63.24       | 34.10  | 12.27 | 65.45  | 0.00 | ---    | ---  | PEAK    |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |         |       |       |        |       |       |       |       |      |     |     |      |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |
| 2        | 7440.00   | 43.38       | 74.00        | -30.62      | 57.99       | 35.80  | 14.92 | 65.33  | 0.00 | ---    | ---  | PEAK    |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |         |       |       |        |       |       |       |       |      |     |     |      |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |



|       |   | 4                                     |              |             |        |        |      |        |      |        |            |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |            |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |            |
|-------|---|---------------------------------------|--------------|-------------|--------|--------|------|--------|------|--------|------------|-------|-------------|--------------|-------------|--------|--|--|--|-----|--------|--------|----|------|------|----|----|----|----|-----|---|---------|-------|-------|--------|-------|-------|------|-------|------|-----|------------|---|-------|------|-----|-------|--------|-----|------|------|--------|------|-------|-------------|--------------|-------------|--------|--|--|--|-----|--------|--------|----|------|------|----|----|----|----|-----|---|---------|--------|-------|-------|-------|-------|------|-------|------|-----|------------|
| Mode  |   | Band Edge                             |              |             |        |        |      |        |      |        |            |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |            |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |            |
|       |   | 2400-2483.5_Bluetooth-LE_CH00_2402MHz |              |             |        |        |      |        |      |        |            |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |            |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |            |
| Pol.  | Horizontal  | Fundamental                           |              |             |        |        |      |        |      |        |            |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |            |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |            |
| Peak  | <table border="1"> <thead> <tr> <th>Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APos</th> <th>TPos</th> <th>Remark</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level Factor</th> <th>Loss Factor</th> <th>Factor</th> <th></th> <th></th> <th></th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV</th> <th>dB/m</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2320.79</td> <td>56.56</td> <td>74.00</td> <td>-17.44</td> <td>41.11</td> <td>31.83</td> <td>8.56</td> <td>30.94</td> <td>6.00</td> <td>144</td> <td>55 PEAK</td> </tr> </tbody> </table>   | Limit                                 | Read         | Ant         | Cable  | Preamp | Aux  | APos   | TPos | Remark | Freq       | Level | Line Margin | Level Factor | Loss Factor | Factor |  |  |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | cm | deg | 1 | 2320.79 | 56.56 | 74.00 | -17.44 | 41.11 | 31.83 | 8.56 | 30.94 | 6.00 | 144 | 55 PEAK    | <table border="1"> <thead> <tr> <th>Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APos</th> <th>TPos</th> <th>Remark</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level Factor</th> <th>Loss Factor</th> <th>Factor</th> <th></th> <th></th> <th></th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV</th> <th>dB/m</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2402.00</td> <td>101.55</td> <td>-----</td> <td>-----</td> <td>85.61</td> <td>32.00</td> <td>8.81</td> <td>30.87</td> <td>6.00</td> <td>144</td> <td>55 PEAK</td> </tr> </tbody> </table>   | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor |  |  |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | cm | deg | 1 | 2402.00 | 101.55 | ----- | ----- | 85.61 | 32.00 | 8.81 | 30.87 | 6.00 | 144 | 55 PEAK    |
| Limit | Read  | Ant                                   | Cable        | Preamp      | Aux    | APos   | TPos | Remark |      |        |            |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |            |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |            |
| Freq  | Level   | Line Margin                           | Level Factor | Loss Factor | Factor |        |      |        |      |        |            |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |            |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |            |
| MHz   | dBuV/m  | dBuV/m                                | dB           | dBuV        | dB/m   | dB     | dB   | dB     | cm   | deg    |            |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |            |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |            |
| 1     | 2320.79   | 56.56                                 | 74.00        | -17.44      | 41.11  | 31.83  | 8.56 | 30.94  | 6.00 | 144    | 55 PEAK    |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |            |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |            |
| Limit | Read  | Ant                                   | Cable        | Preamp      | Aux    | APos   | TPos | Remark |      |        |            |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |            |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |            |
| Freq  | Level   | Line Margin                           | Level Factor | Loss Factor | Factor |        |      |        |      |        |            |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |            |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |            |
| MHz   | dBuV/m  | dBuV/m                                | dB           | dBuV        | dB/m   | dB     | dB   | dB     | cm   | deg    |            |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |            |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |            |
| 1     | 2402.00   | 101.55                                | -----        | -----       | 85.61  | 32.00  | 8.81 | 30.87  | 6.00 | 144    | 55 PEAK    |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |            |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |            |
| Avg   | <table border="1"> <thead> <tr> <th>Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APos</th> <th>TPos</th> <th>Remark</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level Factor</th> <th>Loss Factor</th> <th>Factor</th> <th></th> <th></th> <th></th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV</th> <th>dB/m</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2383.19</td> <td>46.65</td> <td>54.00</td> <td>-7.35</td> <td>30.83</td> <td>31.96</td> <td>8.75</td> <td>30.89</td> <td>6.00</td> <td>144</td> <td>55 AVERAGE</td> </tr> </tbody> </table> | Limit                                 | Read         | Ant         | Cable  | Preamp | Aux  | APos   | TPos | Remark | Freq       | Level | Line Margin | Level Factor | Loss Factor | Factor |  |  |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | cm | deg | 1 | 2383.19 | 46.65 | 54.00 | -7.35  | 30.83 | 31.96 | 8.75 | 30.89 | 6.00 | 144 | 55 AVERAGE | <table border="1"> <thead> <tr> <th>Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APos</th> <th>TPos</th> <th>Remark</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level Factor</th> <th>Loss Factor</th> <th>Factor</th> <th></th> <th></th> <th></th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV</th> <th>dB/m</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2402.00</td> <td>99.41</td> <td>-----</td> <td>-----</td> <td>83.47</td> <td>32.00</td> <td>8.81</td> <td>30.87</td> <td>6.00</td> <td>144</td> <td>55 AVERAGE</td> </tr> </tbody> </table> | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor |  |  |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | cm | deg | 1 | 2402.00 | 99.41  | ----- | ----- | 83.47 | 32.00 | 8.81 | 30.87 | 6.00 | 144 | 55 AVERAGE |
| Limit | Read  | Ant                                   | Cable        | Preamp      | Aux    | APos   | TPos | Remark |      |        |            |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |            |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |            |
| Freq  | Level   | Line Margin                           | Level Factor | Loss Factor | Factor |        |      |        |      |        |            |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |            |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |            |
| MHz   | dBuV/m  | dBuV/m                                | dB           | dBuV        | dB/m   | dB     | dB   | dB     | cm   | deg    |            |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |            |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |            |
| 1     | 2383.19   | 46.65                                 | 54.00        | -7.35       | 30.83  | 31.96  | 8.75 | 30.89  | 6.00 | 144    | 55 AVERAGE |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |            |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |            |
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| Freq  | Level   | Line Margin                           | Level Factor | Loss Factor | Factor |        |      |        |      |        |            |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |            |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |            |
| MHz   | dBuV/m  | dBuV/m                                | dB           | dBuV        | dB/m   | dB     | dB   | dB     | cm   | deg    |            |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |            |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |            |
| 1     | 2402.00   | 99.41                                 | -----        | -----       | 83.47  | 32.00  | 8.81 | 30.87  | 6.00 | 144    | 55 AVERAGE |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |            |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |            |



|       |  | 4                                     |              |             |        |        |      |        |        |        |      |         |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |    |         |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |    |         |
|-------|--|---------------------------------------|--------------|-------------|--------|--------|------|--------|--------|--------|------|---------|-------------|--------------|-------------|--------|--|--|--|-----|--------|--------|----|------|------|----|----|----|-----|---|---------|-------|-------|--------|-------|-------|------|-------|------|-----|----|---------|--|-------|------|-----|-------|--------|-----|------|------|--------|------|-------|-------------|--------------|-------------|--------|--|--|--|-----|--------|--------|----|------|------|----|----|----|-----|---|---------|--------|-------|-------|-------|-------|------|-------|------|-----|----|---------|
| Mode  |  | Band Edge                             |              |             |        |        |      |        |        |        |      |         |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |    |         |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |    |         |
|       |  | 2400-2483.5_Bluetooth-LE_CH00_2402MHz |              |             |        |        |      |        |        |        |      |         |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |    |         |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |    |         |
| Pol.  | Vertical   | Fundamental                           |              |             |        |        |      |        |        |        |      |         |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |    |         |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |    |         |
| Peak  | <table border="1"> <thead> <tr> <th>Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APos</th> <th>TPos</th> <th>Remark</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level Factor</th> <th>Loss Factor</th> <th>Factor</th> <th></th> <th></th> <th></th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV</th> <th>dB/m</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2384.49</td> <td>56.46</td> <td>74.00</td> <td>-17.54</td> <td>40.63</td> <td>31.97</td> <td>8.75</td> <td>30.89</td> <td>6.00</td> <td>295</td> <td>53</td> <td>PEAK</td> </tr> </tbody> </table>   | Limit                                 | Read         | Ant         | Cable  | Preamp | Aux  | APos   | TPos   | Remark | Freq | Level   | Line Margin | Level Factor | Loss Factor | Factor |  |  |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 2384.49 | 56.46 | 74.00 | -17.54 | 40.63 | 31.97 | 8.75 | 30.89 | 6.00 | 295 | 53 | PEAK    | <table border="1"> <thead> <tr> <th>Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APos</th> <th>TPos</th> <th>Remark</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level Factor</th> <th>Loss Factor</th> <th>Factor</th> <th></th> <th></th> <th></th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV</th> <th>dB/m</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2402.00</td> <td>101.37</td> <td>-----</td> <td>-----</td> <td>85.43</td> <td>32.00</td> <td>8.81</td> <td>30.87</td> <td>6.00</td> <td>295</td> <td>53</td> <td>PEAK</td> </tr> </tbody> </table>   | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor |  |  |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 2402.00 | 101.37 | ----- | ----- | 85.43 | 32.00 | 8.81 | 30.87 | 6.00 | 295 | 53 | PEAK    |
|       | Limit  | Read                                  | Ant          | Cable       | Preamp | Aux    | APos | TPos   | Remark |        |      |         |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |    |         |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |    |         |
| Freq  | Level  | Line Margin                           | Level Factor | Loss Factor | Factor |        |      |        |        |        |      |         |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |    |         |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |    |         |
| MHz   | dBuV/m   | dBuV/m                                | dB           | dBuV        | dB/m   | dB     | dB   | cm     | deg    |        |      |         |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |    |         |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |    |         |
| 1     | 2384.49  | 56.46                                 | 74.00        | -17.54      | 40.63  | 31.97  | 8.75 | 30.89  | 6.00   | 295    | 53   | PEAK    |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |    |         |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |    |         |
| Limit | Read   | Ant                                   | Cable        | Preamp      | Aux    | APos   | TPos | Remark |        |        |      |         |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |    |         |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |    |         |
| Freq  | Level  | Line Margin                           | Level Factor | Loss Factor | Factor |        |      |        |        |        |      |         |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |    |         |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |    |         |
| MHz   | dBuV/m   | dBuV/m                                | dB           | dBuV        | dB/m   | dB     | dB   | cm     | deg    |        |      |         |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |    |         |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |    |         |
| 1     | 2402.00  | 101.37                                | -----        | -----       | 85.43  | 32.00  | 8.81 | 30.87  | 6.00   | 295    | 53   | PEAK    |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |    |         |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |    |         |
| Avg   | <table border="1"> <thead> <tr> <th>Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APos</th> <th>TPos</th> <th>Remark</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level Factor</th> <th>Loss Factor</th> <th>Factor</th> <th></th> <th></th> <th></th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV</th> <th>dB/m</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2384.08</td> <td>46.74</td> <td>54.00</td> <td>-7.26</td> <td>31.04</td> <td>31.92</td> <td>8.69</td> <td>30.91</td> <td>6.00</td> <td>295</td> <td>53</td> <td>AVERAGE</td> </tr> </tbody> </table> | Limit                                 | Read         | Ant         | Cable  | Preamp | Aux  | APos   | TPos   | Remark | Freq | Level   | Line Margin | Level Factor | Loss Factor | Factor |  |  |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 2384.08 | 46.74 | 54.00 | -7.26  | 31.04 | 31.92 | 8.69 | 30.91 | 6.00 | 295 | 53 | AVERAGE | <table border="1"> <thead> <tr> <th>Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APos</th> <th>TPos</th> <th>Remark</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level Factor</th> <th>Loss Factor</th> <th>Factor</th> <th></th> <th></th> <th></th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV</th> <th>dB/m</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2402.00</td> <td>99.50</td> <td>-----</td> <td>-----</td> <td>83.56</td> <td>32.00</td> <td>8.81</td> <td>30.87</td> <td>6.00</td> <td>295</td> <td>53</td> <td>AVERAGE</td> </tr> </tbody> </table> | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor |  |  |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 2402.00 | 99.50  | ----- | ----- | 83.56 | 32.00 | 8.81 | 30.87 | 6.00 | 295 | 53 | AVERAGE |
| Limit | Read   | Ant                                   | Cable        | Preamp      | Aux    | APos   | TPos | Remark |        |        |      |         |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |    |         |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |    |         |
| Freq  | Level  | Line Margin                           | Level Factor | Loss Factor | Factor |        |      |        |        |        |      |         |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |    |         |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |    |         |
| MHz   | dBuV/m   | dBuV/m                                | dB           | dBuV        | dB/m   | dB     | dB   | cm     | deg    |        |      |         |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |    |         |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |    |         |
| 1     | 2384.08  | 46.74                                 | 54.00        | -7.26       | 31.04  | 31.92  | 8.69 | 30.91  | 6.00   | 295    | 53   | AVERAGE |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |    |         |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |    |         |
| Limit | Read   | Ant                                   | Cable        | Preamp      | Aux    | APos   | TPos | Remark |        |        |      |         |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |    |         |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |    |         |
| Freq  | Level  | Line Margin                           | Level Factor | Loss Factor | Factor |        |      |        |        |        |      |         |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |    |         |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |    |         |
| MHz   | dBuV/m   | dBuV/m                                | dB           | dBuV        | dB/m   | dB     | dB   | cm     | deg    |        |      |         |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |    |         |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |    |         |
| 1     | 2402.00  | 99.50                                 | -----        | -----       | 83.56  | 32.00  | 8.81 | 30.87  | 6.00   | 295    | 53   | AVERAGE |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |    |         |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |    |         |

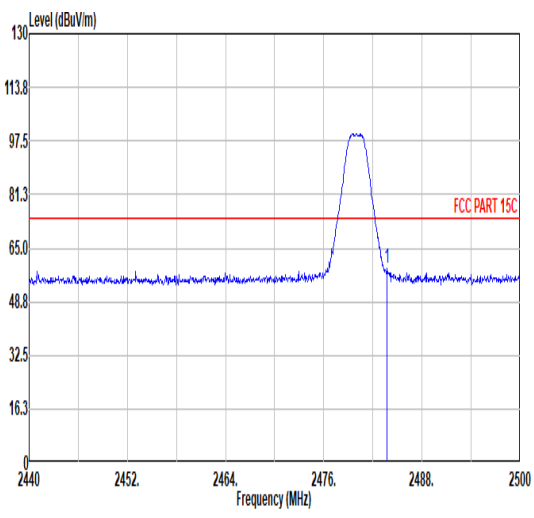
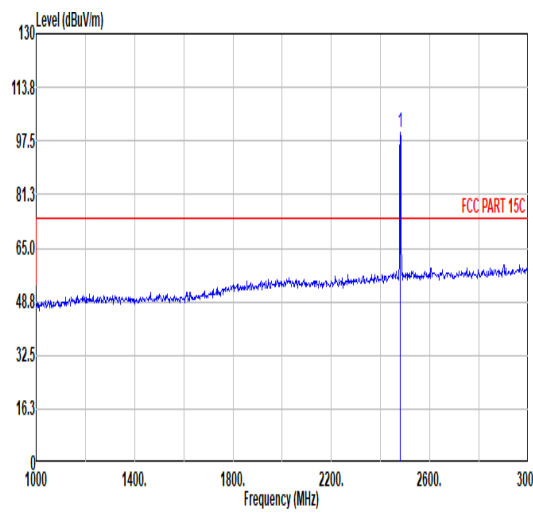
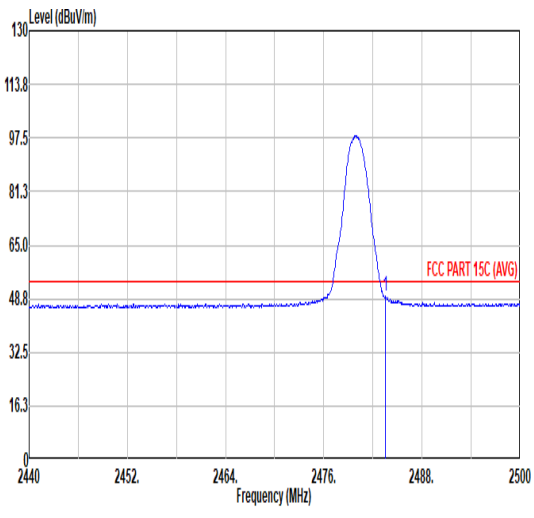
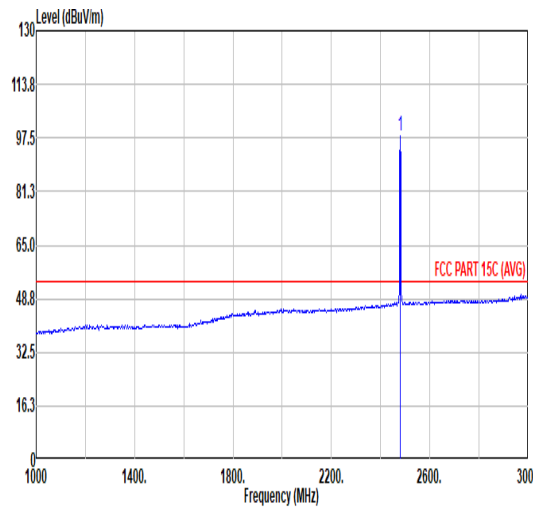


| Mode     | 4   |             |              |             |        |        |       |        |      |        |      |         |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |
|----------|---|-------------|--------------|-------------|--------|--------|-------|--------|------|--------|------|---------|-------------|--------------|-------------|--------|--|--|--|-----|--------|--------|----|------|------|----|----|----|-----|---|---------|-------|-------|--------|-------|-------|-------|-------|------|-----|-----|------|---|---------|-------|-------|-------|-------|-------|-------|-------|------|-----|-----|---------|---|-------|------|-----|-------|--------|-----|------|------|--------|------|-------|-------------|--------------|-------------|--------|--|--|--|-----|--------|--------|----|------|------|----|----|----|-----|---|---------|-------|-------|--------|-------|-------|-------|-------|------|-----|-----|------|---|---------|-------|-------|-------|-------|-------|-------|-------|------|-----|-----|---------|
|          | Harmonic  |             |              |             |        |        |       |        |      |        |      |         |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |
|          | 2400-2483.5_Bluetooth-LE_CH00_2402MHz   |             |              |             |        |        |       |        |      |        |      |         |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |
| Pol.     | Horizontal  | Vertical    |              |             |        |        |       |        |      |        |      |         |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |
| Peak Avg | <table border="1"> <thead> <tr> <th>Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APos</th> <th>TPos</th> <th>Remark</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level Factor</th> <th>Loss Factor</th> <th>Factor</th> <th></th> <th></th> <th></th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV</th> <th>dB/m</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>4804.00</td> <td>52.10</td> <td>74.00</td> <td>-21.90</td> <td>70.88</td> <td>34.10</td> <td>12.55</td> <td>65.43</td> <td>0.00</td> <td>140</td> <td>146</td> <td>PEAK</td> </tr> <tr> <td>2</td> <td>4804.00</td> <td>49.71</td> <td>54.00</td> <td>-4.29</td> <td>68.48</td> <td>34.10</td> <td>12.56</td> <td>65.43</td> <td>0.00</td> <td>140</td> <td>146</td> <td>AVERAGE</td> </tr> </tbody> </table> | Limit       | Read         | Ant         | Cable  | Preamp | Aux   | APos   | TPos | Remark | Freq | Level   | Line Margin | Level Factor | Loss Factor | Factor |  |  |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 4804.00 | 52.10 | 74.00 | -21.90 | 70.88 | 34.10 | 12.55 | 65.43 | 0.00 | 140 | 146 | PEAK | 2 | 4804.00 | 49.71 | 54.00 | -4.29 | 68.48 | 34.10 | 12.56 | 65.43 | 0.00 | 140 | 146 | AVERAGE | <table border="1"> <thead> <tr> <th>Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APos</th> <th>TPos</th> <th>Remark</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level Factor</th> <th>Loss Factor</th> <th>Factor</th> <th></th> <th></th> <th></th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV</th> <th>dB/m</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>4804.00</td> <td>51.25</td> <td>74.00</td> <td>-22.75</td> <td>70.03</td> <td>34.10</td> <td>12.55</td> <td>65.43</td> <td>0.00</td> <td>200</td> <td>138</td> <td>PEAK</td> </tr> <tr> <td>2</td> <td>4804.00</td> <td>48.82</td> <td>54.00</td> <td>-5.18</td> <td>67.59</td> <td>34.10</td> <td>12.56</td> <td>65.43</td> <td>0.00</td> <td>200</td> <td>138</td> <td>AVERAGE</td> </tr> </tbody> </table> | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor |  |  |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 4804.00 | 51.25 | 74.00 | -22.75 | 70.03 | 34.10 | 12.55 | 65.43 | 0.00 | 200 | 138 | PEAK | 2 | 4804.00 | 48.82 | 54.00 | -5.18 | 67.59 | 34.10 | 12.56 | 65.43 | 0.00 | 200 | 138 | AVERAGE |
| Limit    | Read  | Ant         | Cable        | Preamp      | Aux    | APos   | TPos  | Remark |      |        |      |         |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |
| Freq     | Level   | Line Margin | Level Factor | Loss Factor | Factor |        |       |        |      |        |      |         |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |
| MHz      | dBuV/m  | dBuV/m      | dB           | dBuV        | dB/m   | dB     | dB    | cm     | deg  |        |      |         |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |
| 1        | 4804.00   | 52.10       | 74.00        | -21.90      | 70.88  | 34.10  | 12.55 | 65.43  | 0.00 | 140    | 146  | PEAK    |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |
| 2        | 4804.00   | 49.71       | 54.00        | -4.29       | 68.48  | 34.10  | 12.56 | 65.43  | 0.00 | 140    | 146  | AVERAGE |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |
| Limit    | Read  | Ant         | Cable        | Preamp      | Aux    | APos   | TPos  | Remark |      |        |      |         |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |
| Freq     | Level   | Line Margin | Level Factor | Loss Factor | Factor |        |       |        |      |        |      |         |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |
| MHz      | dBuV/m  | dBuV/m      | dB           | dBuV        | dB/m   | dB     | dB    | cm     | deg  |        |      |         |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |
| 1        | 4804.00   | 51.25       | 74.00        | -22.75      | 70.03  | 34.10  | 12.55 | 65.43  | 0.00 | 200    | 138  | PEAK    |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |
| 2        | 4804.00   | 48.82       | 54.00        | -5.18       | 67.59  | 34.10  | 12.56 | 65.43  | 0.00 | 200    | 138  | AVERAGE |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |



| Mode     | 5   |             |              |             |             |        |       |        |      |        |      |         |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |         |       |       |        |       |       |       |       |      |     |     |      |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |
|----------|---|-------------|--------------|-------------|-------------|--------|-------|--------|------|--------|------|---------|-------------|--------------|-------------|-------------|--------|--|--|-----|--------|--------|----|------|------|----|----|----|-----|---|---------|-------|-------|--------|-------|-------|-------|-------|------|-----|-----|------|---|---------|-------|-------|-------|-------|-------|-------|-------|------|-----|-----|---------|---|---------|-------|-------|--------|-------|-------|-------|-------|------|-----|-----|------|--|-------|------|-----|-------|--------|-----|------|------|--------|------|-------|-------------|--------------|-------------|-------------|--------|--|--|-----|--------|--------|----|------|------|----|----|----|----|-----|---|---------|-------|-------|--------|-------|-------|-------|-------|------|-----|-----|------|---|---------|-------|-------|--------|-------|-------|-------|-------|------|-----|-----|------|
|          | Harmonic  |             |              |             |             |        |       |        |      |        |      |         |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |         |       |       |        |       |       |       |       |      |     |     |      |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |
|          | 2400-2483.5_Bluetooth-LE_CH19_2440MHz   |             |              |             |             |        |       |        |      |        |      |         |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |         |       |       |        |       |       |       |       |      |     |     |      |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |
| Pol.     | Horizontal  | Vertical    |              |             |             |        |       |        |      |        |      |         |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |         |       |       |        |       |       |       |       |      |     |     |      |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |
| Peak Avg | <table border="1"> <thead> <tr> <th>Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APos</th> <th>TPos</th> <th>Remark</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level Factor</th> <th>Loss Factor</th> <th>Loss Factor</th> <th>Factor</th> <th></th> <th></th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV</th> <th>dB/m</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>4880.00</td> <td>51.36</td> <td>74.00</td> <td>-22.64</td> <td>70.43</td> <td>34.10</td> <td>12.27</td> <td>65.44</td> <td>0.00</td> <td>134</td> <td>146</td> <td>PEAK</td> </tr> <tr> <td>2</td> <td>4880.00</td> <td>49.09</td> <td>54.00</td> <td>-4.91</td> <td>68.16</td> <td>34.10</td> <td>12.27</td> <td>65.44</td> <td>0.00</td> <td>134</td> <td>146</td> <td>AVERAGE</td> </tr> <tr> <td>3</td> <td>7320.00</td> <td>44.15</td> <td>74.00</td> <td>-29.85</td> <td>58.87</td> <td>35.80</td> <td>14.73</td> <td>65.25</td> <td>0.00</td> <td>---</td> <td>---</td> <td>PEAK</td> </tr> </tbody> </table> | Limit       | Read         | Ant         | Cable       | Preamp | Aux   | APos   | TPos | Remark | Freq | Level   | Line Margin | Level Factor | Loss Factor | Loss Factor | Factor |  |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 4880.00 | 51.36 | 74.00 | -22.64 | 70.43 | 34.10 | 12.27 | 65.44 | 0.00 | 134 | 146 | PEAK | 2 | 4880.00 | 49.09 | 54.00 | -4.91 | 68.16 | 34.10 | 12.27 | 65.44 | 0.00 | 134 | 146 | AVERAGE | 3 | 7320.00 | 44.15 | 74.00 | -29.85 | 58.87 | 35.80 | 14.73 | 65.25 | 0.00 | --- | --- | PEAK | <table border="1"> <thead> <tr> <th>Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APos</th> <th>TPos</th> <th>Remark</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level Factor</th> <th>Loss Factor</th> <th>Loss Factor</th> <th>Factor</th> <th></th> <th></th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV</th> <th>dB/m</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>4880.00</td> <td>44.97</td> <td>74.00</td> <td>-29.03</td> <td>64.04</td> <td>34.10</td> <td>12.27</td> <td>65.44</td> <td>0.00</td> <td>---</td> <td>---</td> <td>PEAK</td> </tr> <tr> <td>2</td> <td>7320.00</td> <td>42.37</td> <td>74.00</td> <td>-31.63</td> <td>57.09</td> <td>35.80</td> <td>14.73</td> <td>65.25</td> <td>0.00</td> <td>---</td> <td>---</td> <td>PEAK</td> </tr> </tbody> </table> | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | Freq | Level | Line Margin | Level Factor | Loss Factor | Loss Factor | Factor |  |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | cm | deg | 1 | 4880.00 | 44.97 | 74.00 | -29.03 | 64.04 | 34.10 | 12.27 | 65.44 | 0.00 | --- | --- | PEAK | 2 | 7320.00 | 42.37 | 74.00 | -31.63 | 57.09 | 35.80 | 14.73 | 65.25 | 0.00 | --- | --- | PEAK |
| Limit    | Read  | Ant         | Cable        | Preamp      | Aux         | APos   | TPos  | Remark |      |        |      |         |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |         |       |       |        |       |       |       |       |      |     |     |      |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |
| Freq     | Level   | Line Margin | Level Factor | Loss Factor | Loss Factor | Factor |       |        |      |        |      |         |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |         |       |       |        |       |       |       |       |      |     |     |      |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |
| MHz      | dBuV/m  | dBuV/m      | dB           | dBuV        | dB/m        | dB     | dB    | cm     | deg  |        |      |         |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |         |       |       |        |       |       |       |       |      |     |     |      |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |
| 1        | 4880.00   | 51.36       | 74.00        | -22.64      | 70.43       | 34.10  | 12.27 | 65.44  | 0.00 | 134    | 146  | PEAK    |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |         |       |       |        |       |       |       |       |      |     |     |      |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |
| 2        | 4880.00   | 49.09       | 54.00        | -4.91       | 68.16       | 34.10  | 12.27 | 65.44  | 0.00 | 134    | 146  | AVERAGE |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |         |       |       |        |       |       |       |       |      |     |     |      |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |
| 3        | 7320.00   | 44.15       | 74.00        | -29.85      | 58.87       | 35.80  | 14.73 | 65.25  | 0.00 | ---    | ---  | PEAK    |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |         |       |       |        |       |       |       |       |      |     |     |      |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |
| Limit    | Read  | Ant         | Cable        | Preamp      | Aux         | APos   | TPos  | Remark |      |        |      |         |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |         |       |       |        |       |       |       |       |      |     |     |      |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |
| Freq     | Level   | Line Margin | Level Factor | Loss Factor | Loss Factor | Factor |       |        |      |        |      |         |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |         |       |       |        |       |       |       |       |      |     |     |      |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |
| MHz      | dBuV/m  | dBuV/m      | dB           | dBuV        | dB/m        | dB     | dB    | dB     | cm   | deg    |      |         |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |         |       |       |        |       |       |       |       |      |     |     |      |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |
| 1        | 4880.00   | 44.97       | 74.00        | -29.03      | 64.04       | 34.10  | 12.27 | 65.44  | 0.00 | ---    | ---  | PEAK    |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |         |       |       |        |       |       |       |       |      |     |     |      |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |
| 2        | 7320.00   | 42.37       | 74.00        | -31.63      | 57.09       | 35.80  | 14.73 | 65.25  | 0.00 | ---    | ---  | PEAK    |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |         |       |       |        |       |       |       |       |      |     |     |      |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |             |        |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |



| Mode  |  | 6                                     |              |             |        |             |        |       |      |      |       |             |              |             |        |  |        |     |        |        |    |      |      |    |    |   |         |       |       |        |       |       |      |       |      |     |     |         |  |       |      |     |       |        |     |      |      |      |       |             |              |             |        |  |        |     |        |        |    |      |      |    |    |   |         |       |       |       |       |       |      |       |      |     |     |         |
|-------|--|---------------------------------------|--------------|-------------|--------|-------------|--------|-------|------|------|-------|-------------|--------------|-------------|--------|--|--------|-----|--------|--------|----|------|------|----|----|---|---------|-------|-------|--------|-------|-------|------|-------|------|-----|-----|---------|--|-------|------|-----|-------|--------|-----|------|------|------|-------|-------------|--------------|-------------|--------|--|--------|-----|--------|--------|----|------|------|----|----|---|---------|-------|-------|-------|-------|-------|------|-------|------|-----|-----|---------|
|       |  | Band Edge                             |              |             |        |             |        |       |      |      |       |             |              |             |        |  |        |     |        |        |    |      |      |    |    |   |         |       |       |        |       |       |      |       |      |     |     |         |  |       |      |     |       |        |     |      |      |      |       |             |              |             |        |  |        |     |        |        |    |      |      |    |    |   |         |       |       |       |       |       |      |       |      |     |     |         |
|       |  | 2400-2483.5_Bluetooth-LE_CH39_2480MHz |              |             |        |             |        |       |      |      |       |             |              |             |        |  |        |     |        |        |    |      |      |    |    |   |         |       |       |        |       |       |      |       |      |     |     |         |  |       |      |     |       |        |     |      |      |      |       |             |              |             |        |  |        |     |        |        |    |      |      |    |    |   |         |       |       |       |       |       |      |       |      |     |     |         |
| Pol.  | Horizontal   |                                       |              |             |        | Fundamental |        |       |      |      |       |             |              |             |        |  |        |     |        |        |    |      |      |    |    |   |         |       |       |        |       |       |      |       |      |     |     |         |  |       |      |     |       |        |     |      |      |      |       |             |              |             |        |  |        |     |        |        |    |      |      |    |    |   |         |       |       |       |       |       |      |       |      |     |     |         |
| Peak  |  <p>Level (dBuV/m) vs Frequency (MHz) for Horizontal polarization. Peak at 2483.74 MHz.</p> <table border="1"> <thead> <tr> <th>Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APos</th> <th>TPos</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level Factor</th> <th>Loss Factor</th> <th>Factor</th> <th></th> <th>Remark</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV</th> <th>dB/m</th> <th>dB</th> <th>dB</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2483.74</td> <td>58.88</td> <td>74.00</td> <td>-15.12</td> <td>42.35</td> <td>32.13</td> <td>9.05</td> <td>30.65</td> <td>6.00</td> <td>100</td> <td>120</td> <td>PEAK</td> </tr> </tbody> </table>             | Limit                                 | Read         | Ant         | Cable  | Preamp      | Aux    | APos  | TPos | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor |  | Remark | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | 1 | 2483.74 | 58.88 | 74.00 | -15.12 | 42.35 | 32.13 | 9.05 | 30.65 | 6.00 | 100 | 120 | PEAK    |  <p>Level (dBuV/m) vs Frequency (MHz) for Fundamental polarization. Peak at 2480.00 MHz.</p> <table border="1"> <thead> <tr> <th>Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APos</th> <th>TPos</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level Factor</th> <th>Loss Factor</th> <th>Factor</th> <th></th> <th>Remark</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV</th> <th>dB/m</th> <th>dB</th> <th>dB</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2480.00</td> <td>99.99</td> <td>-----</td> <td>-----</td> <td>83.49</td> <td>32.12</td> <td>9.04</td> <td>30.66</td> <td>6.00</td> <td>100</td> <td>120</td> <td>PEAK</td> </tr> </tbody> </table>              | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor |  | Remark | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | 1 | 2480.00 | 99.99 | ----- | ----- | 83.49 | 32.12 | 9.04 | 30.66 | 6.00 | 100 | 120 | PEAK    |
|       | Limit  | Read                                  | Ant          | Cable       | Preamp | Aux         | APos   | TPos  |      |      |       |             |              |             |        |  |        |     |        |        |    |      |      |    |    |   |         |       |       |        |       |       |      |       |      |     |     |         |  |       |      |     |       |        |     |      |      |      |       |             |              |             |        |  |        |     |        |        |    |      |      |    |    |   |         |       |       |       |       |       |      |       |      |     |     |         |
| Freq  | Level  | Line Margin                           | Level Factor | Loss Factor | Factor |             | Remark |       |      |      |       |             |              |             |        |  |        |     |        |        |    |      |      |    |    |   |         |       |       |        |       |       |      |       |      |     |     |         |  |       |      |     |       |        |     |      |      |      |       |             |              |             |        |  |        |     |        |        |    |      |      |    |    |   |         |       |       |       |       |       |      |       |      |     |     |         |
| MHz   | dBuV/m   | dBuV/m                                | dB           | dBuV        | dB/m   | dB          | dB     |       |      |      |       |             |              |             |        |  |        |     |        |        |    |      |      |    |    |   |         |       |       |        |       |       |      |       |      |     |     |         |  |       |      |     |       |        |     |      |      |      |       |             |              |             |        |  |        |     |        |        |    |      |      |    |    |   |         |       |       |       |       |       |      |       |      |     |     |         |
| 1     | 2483.74  | 58.88                                 | 74.00        | -15.12      | 42.35  | 32.13       | 9.05   | 30.65 | 6.00 | 100  | 120   | PEAK        |              |             |        |  |        |     |        |        |    |      |      |    |    |   |         |       |       |        |       |       |      |       |      |     |     |         |  |       |      |     |       |        |     |      |      |      |       |             |              |             |        |  |        |     |        |        |    |      |      |    |    |   |         |       |       |       |       |       |      |       |      |     |     |         |
| Limit | Read   | Ant                                   | Cable        | Preamp      | Aux    | APos        | TPos   |       |      |      |       |             |              |             |        |  |        |     |        |        |    |      |      |    |    |   |         |       |       |        |       |       |      |       |      |     |     |         |  |       |      |     |       |        |     |      |      |      |       |             |              |             |        |  |        |     |        |        |    |      |      |    |    |   |         |       |       |       |       |       |      |       |      |     |     |         |
| Freq  | Level  | Line Margin                           | Level Factor | Loss Factor | Factor |             | Remark |       |      |      |       |             |              |             |        |  |        |     |        |        |    |      |      |    |    |   |         |       |       |        |       |       |      |       |      |     |     |         |  |       |      |     |       |        |     |      |      |      |       |             |              |             |        |  |        |     |        |        |    |      |      |    |    |   |         |       |       |       |       |       |      |       |      |     |     |         |
| MHz   | dBuV/m   | dBuV/m                                | dB           | dBuV        | dB/m   | dB          | dB     |       |      |      |       |             |              |             |        |  |        |     |        |        |    |      |      |    |    |   |         |       |       |        |       |       |      |       |      |     |     |         |  |       |      |     |       |        |     |      |      |      |       |             |              |             |        |  |        |     |        |        |    |      |      |    |    |   |         |       |       |       |       |       |      |       |      |     |     |         |
| 1     | 2480.00  | 99.99                                 | -----        | -----       | 83.49  | 32.12       | 9.04   | 30.66 | 6.00 | 100  | 120   | PEAK        |              |             |        |  |        |     |        |        |    |      |      |    |    |   |         |       |       |        |       |       |      |       |      |     |     |         |  |       |      |     |       |        |     |      |      |      |       |             |              |             |        |  |        |     |        |        |    |      |      |    |    |   |         |       |       |       |       |       |      |       |      |     |     |         |
| Avg   |  <p>Level (dBuV/m) vs Frequency (MHz) for Horizontal polarization. Average level at 2483.56 MHz.</p> <table border="1"> <thead> <tr> <th>Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APos</th> <th>TPos</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level Factor</th> <th>Loss Factor</th> <th>Factor</th> <th></th> <th>Remark</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV</th> <th>dB/m</th> <th>dB</th> <th>dB</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2483.56</td> <td>49.32</td> <td>54.00</td> <td>-4.68</td> <td>32.79</td> <td>32.13</td> <td>9.05</td> <td>30.65</td> <td>6.00</td> <td>100</td> <td>120</td> <td>AVERAGE</td> </tr> </tbody> </table> | Limit                                 | Read         | Ant         | Cable  | Preamp      | Aux    | APos  | TPos | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor |  | Remark | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | 1 | 2483.56 | 49.32 | 54.00 | -4.68  | 32.79 | 32.13 | 9.05 | 30.65 | 6.00 | 100 | 120 | AVERAGE |  <p>Level (dBuV/m) vs Frequency (MHz) for Fundamental polarization. Average level at 2480.00 MHz.</p> <table border="1"> <thead> <tr> <th>Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APos</th> <th>TPos</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level Factor</th> <th>Loss Factor</th> <th>Factor</th> <th></th> <th>Remark</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV</th> <th>dB/m</th> <th>dB</th> <th>dB</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2480.00</td> <td>97.92</td> <td>-----</td> <td>-----</td> <td>81.42</td> <td>32.12</td> <td>9.04</td> <td>30.66</td> <td>6.00</td> <td>100</td> <td>120</td> <td>AVERAGE</td> </tr> </tbody> </table> | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor |  | Remark | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | 1 | 2480.00 | 97.92 | ----- | ----- | 81.42 | 32.12 | 9.04 | 30.66 | 6.00 | 100 | 120 | AVERAGE |
| Limit | Read   | Ant                                   | Cable        | Preamp      | Aux    | APos        | TPos   |       |      |      |       |             |              |             |        |  |        |     |        |        |    |      |      |    |    |   |         |       |       |        |       |       |      |       |      |     |     |         |  |       |      |     |       |        |     |      |      |      |       |             |              |             |        |  |        |     |        |        |    |      |      |    |    |   |         |       |       |       |       |       |      |       |      |     |     |         |
| Freq  | Level  | Line Margin                           | Level Factor | Loss Factor | Factor |             | Remark |       |      |      |       |             |              |             |        |  |        |     |        |        |    |      |      |    |    |   |         |       |       |        |       |       |      |       |      |     |     |         |  |       |      |     |       |        |     |      |      |      |       |             |              |             |        |  |        |     |        |        |    |      |      |    |    |   |         |       |       |       |       |       |      |       |      |     |     |         |
| MHz   | dBuV/m   | dBuV/m                                | dB           | dBuV        | dB/m   | dB          | dB     |       |      |      |       |             |              |             |        |  |        |     |        |        |    |      |      |    |    |   |         |       |       |        |       |       |      |       |      |     |     |         |  |       |      |     |       |        |     |      |      |      |       |             |              |             |        |  |        |     |        |        |    |      |      |    |    |   |         |       |       |       |       |       |      |       |      |     |     |         |
| 1     | 2483.56  | 49.32                                 | 54.00        | -4.68       | 32.79  | 32.13       | 9.05   | 30.65 | 6.00 | 100  | 120   | AVERAGE     |              |             |        |  |        |     |        |        |    |      |      |    |    |   |         |       |       |        |       |       |      |       |      |     |     |         |  |       |      |     |       |        |     |      |      |      |       |             |              |             |        |  |        |     |        |        |    |      |      |    |    |   |         |       |       |       |       |       |      |       |      |     |     |         |
| Limit | Read   | Ant                                   | Cable        | Preamp      | Aux    | APos        | TPos   |       |      |      |       |             |              |             |        |  |        |     |        |        |    |      |      |    |    |   |         |       |       |        |       |       |      |       |      |     |     |         |  |       |      |     |       |        |     |      |      |      |       |             |              |             |        |  |        |     |        |        |    |      |      |    |    |   |         |       |       |       |       |       |      |       |      |     |     |         |
| Freq  | Level  | Line Margin                           | Level Factor | Loss Factor | Factor |             | Remark |       |      |      |       |             |              |             |        |  |        |     |        |        |    |      |      |    |    |   |         |       |       |        |       |       |      |       |      |     |     |         |  |       |      |     |       |        |     |      |      |      |       |             |              |             |        |  |        |     |        |        |    |      |      |    |    |   |         |       |       |       |       |       |      |       |      |     |     |         |
| MHz   | dBuV/m   | dBuV/m                                | dB           | dBuV        | dB/m   | dB          | dB     |       |      |      |       |             |              |             |        |  |        |     |        |        |    |      |      |    |    |   |         |       |       |        |       |       |      |       |      |     |     |         |  |       |      |     |       |        |     |      |      |      |       |             |              |             |        |  |        |     |        |        |    |      |      |    |    |   |         |       |       |       |       |       |      |       |      |     |     |         |
| 1     | 2480.00  | 97.92                                 | -----        | -----       | 81.42  | 32.12       | 9.04   | 30.66 | 6.00 | 100  | 120   | AVERAGE     |              |             |        |  |        |     |        |        |    |      |      |    |    |   |         |       |       |        |       |       |      |       |      |     |     |         |  |       |      |     |       |        |     |      |      |      |       |             |              |             |        |  |        |     |        |        |    |      |      |    |    |   |         |       |       |       |       |       |      |       |      |     |     |         |



|       |   | 6           |              |             |        |        |        |        |        |        |      |         |             |              |             |        |        |        |        |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |     |         |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |        |        |        |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |     |         |
|-------|---|-------------|--------------|-------------|--------|--------|--------|--------|--------|--------|------|---------|-------------|--------------|-------------|--------|--------|--------|--------|-----|--------|--------|----|------|------|----|----|----|-----|---|---------|-------|-------|--------|-------|-------|------|-------|------|-----|-----|---------|---|-------|------|-----|-------|--------|-----|------|------|--------|------|-------|-------------|--------------|-------------|--------|--------|--------|--------|-----|--------|--------|----|------|------|----|----|----|-----|---|---------|--------|-------|-------|-------|-------|------|-------|------|-----|-----|---------|
| Mode  | Band Edge   |             |              |             |        |        |        |        |        |        |      |         |             |              |             |        |        |        |        |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |     |         |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |        |        |        |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |     |         |
|       | 2400-2483.5_Bluetooth-LE_CH39_2480MHz   |             |              |             |        |        |        |        |        |        |      |         |             |              |             |        |        |        |        |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |     |         |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |        |        |        |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |     |         |
| Pol.  | Vertical  | Fundamental |              |             |        |        |        |        |        |        |      |         |             |              |             |        |        |        |        |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |     |         |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |        |        |        |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |     |         |
| Peak  | <table border="1"> <thead> <tr> <th>Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APos</th> <th>TPos</th> <th>Remark</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level Factor</th> <th>Loss Factor</th> <th>Factor</th> <th>Factor</th> <th>Factor</th> <th>Factor</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV</th> <th>dB/m</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2483.62</td> <td>60.16</td> <td>74.00</td> <td>-13.84</td> <td>43.63</td> <td>32.13</td> <td>9.05</td> <td>30.65</td> <td>6.00</td> <td>300</td> <td>113</td> <td>PEAK</td> </tr> </tbody> </table>   | Limit       | Read         | Ant         | Cable  | Preamp | Aux    | APos   | TPos   | Remark | Freq | Level   | Line Margin | Level Factor | Loss Factor | Factor | Factor | Factor | Factor | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 2483.62 | 60.16 | 74.00 | -13.84 | 43.63 | 32.13 | 9.05 | 30.65 | 6.00 | 300 | 113 | PEAK    | <table border="1"> <thead> <tr> <th>Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APos</th> <th>TPos</th> <th>Remark</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level Factor</th> <th>Loss Factor</th> <th>Factor</th> <th>Factor</th> <th>Factor</th> <th>Factor</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV</th> <th>dB/m</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2480.00</td> <td>101.33</td> <td>-----</td> <td>-----</td> <td>84.83</td> <td>32.12</td> <td>9.04</td> <td>30.66</td> <td>6.00</td> <td>300</td> <td>113</td> <td>PEAK</td> </tr> </tbody> </table>   | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | Factor | Factor | Factor | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 2480.00 | 101.33 | ----- | ----- | 84.83 | 32.12 | 9.04 | 30.66 | 6.00 | 300 | 113 | PEAK    |
|       | Limit   | Read        | Ant          | Cable       | Preamp | Aux    | APos   | TPos   | Remark |        |      |         |             |              |             |        |        |        |        |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |     |         |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |        |        |        |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |     |         |
| Freq  | Level   | Line Margin | Level Factor | Loss Factor | Factor | Factor | Factor | Factor |        |        |      |         |             |              |             |        |        |        |        |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |     |         |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |        |        |        |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |     |         |
| MHz   | dBuV/m  | dBuV/m      | dB           | dBuV        | dB/m   | dB     | dB     | cm     | deg    |        |      |         |             |              |             |        |        |        |        |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |     |         |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |        |        |        |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |     |         |
| 1     | 2483.62   | 60.16       | 74.00        | -13.84      | 43.63  | 32.13  | 9.05   | 30.65  | 6.00   | 300    | 113  | PEAK    |             |              |             |        |        |        |        |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |     |         |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |        |        |        |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |     |         |
| Limit | Read  | Ant         | Cable        | Preamp      | Aux    | APos   | TPos   | Remark |        |        |      |         |             |              |             |        |        |        |        |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |     |         |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |        |        |        |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |     |         |
| Freq  | Level   | Line Margin | Level Factor | Loss Factor | Factor | Factor | Factor | Factor |        |        |      |         |             |              |             |        |        |        |        |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |     |         |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |        |        |        |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |     |         |
| MHz   | dBuV/m  | dBuV/m      | dB           | dBuV        | dB/m   | dB     | dB     | cm     | deg    |        |      |         |             |              |             |        |        |        |        |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |     |         |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |        |        |        |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |     |         |
| 1     | 2480.00   | 101.33      | -----        | -----       | 84.83  | 32.12  | 9.04   | 30.66  | 6.00   | 300    | 113  | PEAK    |             |              |             |        |        |        |        |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |     |         |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |        |        |        |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |     |         |
| Avg   | <table border="1"> <thead> <tr> <th>Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APos</th> <th>TPos</th> <th>Remark</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level Factor</th> <th>Loss Factor</th> <th>Factor</th> <th>Factor</th> <th>Factor</th> <th>Factor</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV</th> <th>dB/m</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2483.50</td> <td>49.64</td> <td>54.00</td> <td>-4.36</td> <td>33.11</td> <td>32.13</td> <td>9.05</td> <td>30.65</td> <td>6.00</td> <td>300</td> <td>113</td> <td>AVERAGE</td> </tr> </tbody> </table> | Limit       | Read         | Ant         | Cable  | Preamp | Aux    | APos   | TPos   | Remark | Freq | Level   | Line Margin | Level Factor | Loss Factor | Factor | Factor | Factor | Factor | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 2483.50 | 49.64 | 54.00 | -4.36  | 33.11 | 32.13 | 9.05 | 30.65 | 6.00 | 300 | 113 | AVERAGE | <table border="1"> <thead> <tr> <th>Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APos</th> <th>TPos</th> <th>Remark</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level Factor</th> <th>Loss Factor</th> <th>Factor</th> <th>Factor</th> <th>Factor</th> <th>Factor</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV</th> <th>dB/m</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2480.00</td> <td>99.11</td> <td>-----</td> <td>-----</td> <td>82.61</td> <td>32.12</td> <td>9.04</td> <td>30.66</td> <td>6.00</td> <td>300</td> <td>113</td> <td>AVERAGE</td> </tr> </tbody> </table> | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | Factor | Factor | Factor | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 2480.00 | 99.11  | ----- | ----- | 82.61 | 32.12 | 9.04 | 30.66 | 6.00 | 300 | 113 | AVERAGE |
| Limit | Read  | Ant         | Cable        | Preamp      | Aux    | APos   | TPos   | Remark |        |        |      |         |             |              |             |        |        |        |        |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |     |         |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |        |        |        |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |     |         |
| Freq  | Level   | Line Margin | Level Factor | Loss Factor | Factor | Factor | Factor | Factor |        |        |      |         |             |              |             |        |        |        |        |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |     |         |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |        |        |        |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |     |         |
| MHz   | dBuV/m  | dBuV/m      | dB           | dBuV        | dB/m   | dB     | dB     | cm     | deg    |        |      |         |             |              |             |        |        |        |        |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |     |         |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |        |        |        |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |     |         |
| 1     | 2483.50   | 49.64       | 54.00        | -4.36       | 33.11  | 32.13  | 9.05   | 30.65  | 6.00   | 300    | 113  | AVERAGE |             |              |             |        |        |        |        |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |     |         |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |        |        |        |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |     |         |
| Limit | Read  | Ant         | Cable        | Preamp      | Aux    | APos   | TPos   | Remark |        |        |      |         |             |              |             |        |        |        |        |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |     |         |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |        |        |        |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |     |         |
| Freq  | Level   | Line Margin | Level Factor | Loss Factor | Factor | Factor | Factor | Factor |        |        |      |         |             |              |             |        |        |        |        |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |     |         |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |        |        |        |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |     |         |
| MHz   | dBuV/m  | dBuV/m      | dB           | dBuV        | dB/m   | dB     | dB     | cm     | deg    |        |      |         |             |              |             |        |        |        |        |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |     |         |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |        |        |        |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |     |         |
| 1     | 2480.00   | 99.11       | -----        | -----       | 82.61  | 32.12  | 9.04   | 30.66  | 6.00   | 300    | 113  | AVERAGE |             |              |             |        |        |        |        |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |     |         |   |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |        |        |        |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |      |     |     |         |



| Mode     | 6   |             |       |        |             |        |       |        |      |        |      |         |             |       |        |             |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |         |       |       |        |       |       |       |       |      |     |     |      |  |       |      |     |       |        |     |      |      |        |      |       |             |       |        |             |        |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |
|----------|---|-------------|-------|--------|-------------|--------|-------|--------|------|--------|------|---------|-------------|-------|--------|-------------|--------|--|--|-----|--------|--------|----|------|------|----|----|----|-----|---|---------|-------|-------|--------|-------|-------|-------|-------|------|-----|-----|------|---|---------|-------|-------|-------|-------|-------|-------|-------|------|-----|-----|---------|---|---------|-------|-------|--------|-------|-------|-------|-------|------|-----|-----|------|--|-------|------|-----|-------|--------|-----|------|------|--------|------|-------|-------------|-------|--------|-------------|--------|--|--|-----|--------|--------|----|------|------|----|----|----|----|-----|---|---------|-------|-------|--------|-------|-------|-------|-------|------|-----|-----|------|---|---------|-------|-------|--------|-------|-------|-------|-------|------|-----|-----|------|
|          | Harmonic  |             |       |        |             |        |       |        |      |        |      |         |             |       |        |             |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |         |       |       |        |       |       |       |       |      |     |     |      |  |       |      |     |       |        |     |      |      |        |      |       |             |       |        |             |        |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |
|          | 2400-2483.5_Bluetooth-LE_CH39_2480MHz   |             |       |        |             |        |       |        |      |        |      |         |             |       |        |             |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |         |       |       |        |       |       |       |       |      |     |     |      |  |       |      |     |       |        |     |      |      |        |      |       |             |       |        |             |        |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |
| Pol.     | Horizontal  | Vertical    |       |        |             |        |       |        |      |        |      |         |             |       |        |             |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |         |       |       |        |       |       |       |       |      |     |     |      |  |       |      |     |       |        |     |      |      |        |      |       |             |       |        |             |        |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |
| Peak Avg | <table border="1"> <thead> <tr> <th>Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APos</th> <th>TPos</th> <th>Remark</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level</th> <th>Factor</th> <th>Loss Factor</th> <th>Factor</th> <th></th> <th></th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV</th> <th>dB/m</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>4960.00</td> <td>50.37</td> <td>74.00</td> <td>-23.63</td> <td>69.45</td> <td>34.10</td> <td>12.27</td> <td>65.45</td> <td>0.00</td> <td>116</td> <td>175</td> <td>PEAK</td> </tr> <tr> <td>2</td> <td>4960.00</td> <td>46.69</td> <td>54.00</td> <td>-7.31</td> <td>65.77</td> <td>34.10</td> <td>12.27</td> <td>65.45</td> <td>0.00</td> <td>116</td> <td>175</td> <td>AVERAGE</td> </tr> <tr> <td>3</td> <td>7440.00</td> <td>43.61</td> <td>74.00</td> <td>-30.39</td> <td>58.22</td> <td>35.80</td> <td>14.92</td> <td>65.33</td> <td>0.00</td> <td>---</td> <td>---</td> <td>PEAK</td> </tr> </tbody> </table> | Limit       | Read  | Ant    | Cable       | Preamp | Aux   | APos   | TPos | Remark | Freq | Level   | Line Margin | Level | Factor | Loss Factor | Factor |  |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 4960.00 | 50.37 | 74.00 | -23.63 | 69.45 | 34.10 | 12.27 | 65.45 | 0.00 | 116 | 175 | PEAK | 2 | 4960.00 | 46.69 | 54.00 | -7.31 | 65.77 | 34.10 | 12.27 | 65.45 | 0.00 | 116 | 175 | AVERAGE | 3 | 7440.00 | 43.61 | 74.00 | -30.39 | 58.22 | 35.80 | 14.92 | 65.33 | 0.00 | --- | --- | PEAK | <table border="1"> <thead> <tr> <th>Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APos</th> <th>TPos</th> <th>Remark</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line Margin</th> <th>Level</th> <th>Factor</th> <th>Loss Factor</th> <th>Factor</th> <th></th> <th></th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV</th> <th>dB/m</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>4960.00</td> <td>43.80</td> <td>74.00</td> <td>-30.20</td> <td>62.88</td> <td>34.10</td> <td>12.27</td> <td>65.45</td> <td>0.00</td> <td>---</td> <td>---</td> <td>PEAK</td> </tr> <tr> <td>2</td> <td>7440.00</td> <td>43.10</td> <td>74.00</td> <td>-30.90</td> <td>57.71</td> <td>35.80</td> <td>14.92</td> <td>65.33</td> <td>0.00</td> <td>---</td> <td>---</td> <td>PEAK</td> </tr> </tbody> </table> | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | Freq | Level | Line Margin | Level | Factor | Loss Factor | Factor |  |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | cm | deg | 1 | 4960.00 | 43.80 | 74.00 | -30.20 | 62.88 | 34.10 | 12.27 | 65.45 | 0.00 | --- | --- | PEAK | 2 | 7440.00 | 43.10 | 74.00 | -30.90 | 57.71 | 35.80 | 14.92 | 65.33 | 0.00 | --- | --- | PEAK |
| Limit    | Read  | Ant         | Cable | Preamp | Aux         | APos   | TPos  | Remark |      |        |      |         |             |       |        |             |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |         |       |       |        |       |       |       |       |      |     |     |      |  |       |      |     |       |        |     |      |      |        |      |       |             |       |        |             |        |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |
| Freq     | Level   | Line Margin | Level | Factor | Loss Factor | Factor |       |        |      |        |      |         |             |       |        |             |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |         |       |       |        |       |       |       |       |      |     |     |      |  |       |      |     |       |        |     |      |      |        |      |       |             |       |        |             |        |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |
| MHz      | dBuV/m  | dBuV/m      | dB    | dBuV   | dB/m        | dB     | dB    | cm     | deg  |        |      |         |             |       |        |             |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |         |       |       |        |       |       |       |       |      |     |     |      |  |       |      |     |       |        |     |      |      |        |      |       |             |       |        |             |        |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |
| 1        | 4960.00   | 50.37       | 74.00 | -23.63 | 69.45       | 34.10  | 12.27 | 65.45  | 0.00 | 116    | 175  | PEAK    |             |       |        |             |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |         |       |       |        |       |       |       |       |      |     |     |      |  |       |      |     |       |        |     |      |      |        |      |       |             |       |        |             |        |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |
| 2        | 4960.00   | 46.69       | 54.00 | -7.31  | 65.77       | 34.10  | 12.27 | 65.45  | 0.00 | 116    | 175  | AVERAGE |             |       |        |             |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |         |       |       |        |       |       |       |       |      |     |     |      |  |       |      |     |       |        |     |      |      |        |      |       |             |       |        |             |        |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |
| 3        | 7440.00   | 43.61       | 74.00 | -30.39 | 58.22       | 35.80  | 14.92 | 65.33  | 0.00 | ---    | ---  | PEAK    |             |       |        |             |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |         |       |       |        |       |       |       |       |      |     |     |      |  |       |      |     |       |        |     |      |      |        |      |       |             |       |        |             |        |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |
| Limit    | Read  | Ant         | Cable | Preamp | Aux         | APos   | TPos  | Remark |      |        |      |         |             |       |        |             |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |         |       |       |        |       |       |       |       |      |     |     |      |  |       |      |     |       |        |     |      |      |        |      |       |             |       |        |             |        |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |
| Freq     | Level   | Line Margin | Level | Factor | Loss Factor | Factor |       |        |      |        |      |         |             |       |        |             |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |         |       |       |        |       |       |       |       |      |     |     |      |  |       |      |     |       |        |     |      |      |        |      |       |             |       |        |             |        |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |
| MHz      | dBuV/m  | dBuV/m      | dB    | dBuV   | dB/m        | dB     | dB    | dB     | cm   | deg    |      |         |             |       |        |             |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |         |       |       |        |       |       |       |       |      |     |     |      |  |       |      |     |       |        |     |      |      |        |      |       |             |       |        |             |        |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |
| 1        | 4960.00   | 43.80       | 74.00 | -30.20 | 62.88       | 34.10  | 12.27 | 65.45  | 0.00 | ---    | ---  | PEAK    |             |       |        |             |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |         |       |       |        |       |       |       |       |      |     |     |      |  |       |      |     |       |        |     |      |      |        |      |       |             |       |        |             |        |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |
| 2        | 7440.00   | 43.10       | 74.00 | -30.90 | 57.71       | 35.80  | 14.92 | 65.33  | 0.00 | ---    | ---  | PEAK    |             |       |        |             |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |       |       |       |       |       |      |     |     |         |   |         |       |       |        |       |       |       |       |      |     |     |      |  |       |      |     |       |        |     |      |      |        |      |       |             |       |        |             |        |  |  |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |





| Mode | Emission above 18GHz   |  |
|------|--|--|
|      | 2400-2483.5_Bluetooth-LE 1M_CH00_2402MHz   |  |
| Pol. | Horizontal   | Vertical   |
| Peak | <p>Horizontal Peak Plot: The y-axis represents Level (dBuV/m) from 0 to 130. The x-axis represents Frequency (MHz) from 18000 to 25000. Two red horizontal lines indicate FCC PART 15C limits at approximately 75 dBuV/m and 65 dBuV/m. A blue signal trace fluctuates around 48.8 dBuV/m, which is below the 65 dBuV/m limit.</p> | <p>Vertical Peak Plot: The y-axis represents Level (dBuV/m) from 0 to 130. The x-axis represents Frequency (MHz) from 18000 to 25000. Two red horizontal lines indicate FCC PART 15C limits at approximately 75 dBuV/m and 65 dBuV/m. A blue signal trace fluctuates around 48.8 dBuV/m, which is below the 65 dBuV/m limit.</p> |
| Avg  | <p>Horizontal Avg Plot: The y-axis represents Level (dBuV/m) from 0 to 130. The x-axis represents Frequency (MHz) from 18000 to 25000. Two red horizontal lines indicate FCC PART 15C limits at approximately 75 dBuV/m and 65 dBuV/m. A blue signal trace fluctuates around 48.8 dBuV/m, which is below the 65 dBuV/m limit.</p>  | <p>Vertical Avg Plot: The y-axis represents Level (dBuV/m) from 0 to 130. The x-axis represents Frequency (MHz) from 18000 to 25000. Two red horizontal lines indicate FCC PART 15C limits at approximately 75 dBuV/m and 65 dBuV/m. A blue signal trace fluctuates around 48.8 dBuV/m, which is below the 65 dBuV/m limit.</p>  |



| Mode        | Emission below 1GHz  |          |            |            |                   |                   |                    |                   |                    |        |       |        |  |     |        |    |        |      |      |    |    |    |     |   |       |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |       |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |  |      |      |       |            |            |                   |                   |                    |       |       |        |  |     |        |    |        |      |      |    |    |    |     |   |       |       |        |       |       |       |      |       |     |     |      |   |       |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |
|-------------|--|----------|------------|------------|-------------------|-------------------|--------------------|-------------------|--------------------|--------|-------|--------|--|-----|--------|----|--------|------|------|----|----|----|-----|---|-------|-------|--------|-------|-------|-------|------|-------|-----|-----|------|---|--------|-------|--------|-------|-------|-------|------|-------|-----|-----|------|---|--------|-------|--------|-------|-------|-------|------|-------|-----|-----|------|---|--------|-------|--------|-------|-------|-------|------|-------|-----|-----|------|---|--------|-------|-------|-------|-------|-------|------|-------|-----|-----|------|---|--------|-------|--------|-------|-------|-------|------|-------|-----|-----|------|--|------|------|-------|------------|------------|-------------------|-------------------|--------------------|-------|-------|--------|--|-----|--------|----|--------|------|------|----|----|----|-----|---|-------|-------|--------|-------|-------|-------|------|-------|-----|-----|------|---|-------|-------|--------|-------|-------|-------|------|-------|-----|-----|------|---|--------|-------|--------|-------|-------|-------|------|-------|-----|-----|------|---|--------|-------|--------|-------|-------|-------|------|-------|-----|-----|------|---|--------|-------|--------|-------|-------|-------|------|-------|-----|-----|------|---|--------|-------|--------|-------|-------|-------|------|-------|-----|-----|
|             | 2400-2483.5_Bluetooth-LE 1M_CH00_2402MHz   |          |            |            |                   |                   |                    |                   |                    |        |       |        |  |     |        |    |        |      |      |    |    |    |     |   |       |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |       |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |  |      |      |       |            |            |                   |                   |                    |       |       |        |  |     |        |    |        |      |      |    |    |    |     |   |       |       |        |       |       |       |      |       |     |     |      |   |       |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |
| Pol.        | Horizontal   | Vertical |            |            |                   |                   |                    |                   |                    |        |       |        |  |     |        |    |        |      |      |    |    |    |     |   |       |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |       |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |  |      |      |       |            |            |                   |                   |                    |       |       |        |  |     |        |    |        |      |      |    |    |    |     |   |       |       |        |       |       |       |      |       |     |     |      |   |       |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |
| Peak<br>Avg |  |          |            |            |                   |                   |                    |                   |                    |        |       |        |  |     |        |    |        |      |      |    |    |    |     |   |       |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |       |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |  |      |      |       |            |            |                   |                   |                    |       |       |        |  |     |        |    |        |      |      |    |    |    |     |   |       |       |        |       |       |       |      |       |     |     |      |   |       |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |
|             | <table border="1"> <thead> <tr> <th>Peak</th> <th>Freq</th> <th>Level</th> <th>Over Limit</th> <th>Limit Line</th> <th>ReadAntenna Level</th> <th>Cable Loss Factor</th> <th>Preamp Loss Factor</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> </tr> <tr> <th></th> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dBuV</th> <th>dB/m</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr><td>1</td><td>30.97</td><td>20.01</td><td>-19.99</td><td>40.00</td><td>27.22</td><td>25.09</td><td>0.51</td><td>32.81</td><td>---</td><td>---</td><td>Peak</td></tr> <tr><td>2</td><td>252.13</td><td>23.55</td><td>-22.45</td><td>46.00</td><td>35.47</td><td>18.78</td><td>2.31</td><td>33.01</td><td>---</td><td>---</td><td>Peak</td></tr> <tr><td>3</td><td>450.01</td><td>24.86</td><td>-21.14</td><td>46.00</td><td>32.00</td><td>22.96</td><td>3.09</td><td>33.19</td><td>---</td><td>---</td><td>Peak</td></tr> <tr><td>4</td><td>593.57</td><td>35.27</td><td>-10.73</td><td>46.00</td><td>38.97</td><td>26.04</td><td>3.55</td><td>33.29</td><td>---</td><td>---</td><td>Peak</td></tr> <tr><td>5</td><td>730.34</td><td>38.16</td><td>-7.84</td><td>46.00</td><td>40.29</td><td>27.17</td><td>3.94</td><td>33.24</td><td>---</td><td>---</td><td>Peak</td></tr> <tr><td>6</td><td>931.13</td><td>30.30</td><td>-15.70</td><td>46.00</td><td>28.36</td><td>29.56</td><td>4.44</td><td>32.06</td><td>---</td><td>---</td><td>Peak</td></tr> </tbody> </table> | Peak     | Freq       | Level      | Over Limit        | Limit Line        | ReadAntenna Level  | Cable Loss Factor | Preamp Loss Factor | A/Pos  | T/Pos | Remark |  | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | dB | cm | deg | 1 | 30.97 | 20.01 | -19.99 | 40.00 | 27.22 | 25.09 | 0.51 | 32.81 | --- | --- | Peak | 2 | 252.13 | 23.55 | -22.45 | 46.00 | 35.47 | 18.78 | 2.31 | 33.01 | --- | --- | Peak | 3 | 450.01 | 24.86 | -21.14 | 46.00 | 32.00 | 22.96 | 3.09 | 33.19 | --- | --- | Peak | 4 | 593.57 | 35.27 | -10.73 | 46.00 | 38.97 | 26.04 | 3.55 | 33.29 | --- | --- | Peak | 5 | 730.34 | 38.16 | -7.84 | 46.00 | 40.29 | 27.17 | 3.94 | 33.24 | --- | --- | Peak | 6 | 931.13 | 30.30 | -15.70 | 46.00 | 28.36 | 29.56 | 4.44 | 32.06 | --- | --- | Peak | <table border="1"> <thead> <tr> <th>Peak</th> <th>Freq</th> <th>Level</th> <th>Over Limit</th> <th>Limit Line</th> <th>ReadAntenna Level</th> <th>Cable Loss Factor</th> <th>Preamp Loss Factor</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> </tr> <tr> <th></th> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dBuV</th> <th>dB/m</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr><td>1</td><td>30.00</td><td>23.10</td><td>-16.90</td><td>40.00</td><td>29.66</td><td>25.74</td><td>0.50</td><td>32.80</td><td>---</td><td>---</td><td>Peak</td></tr> <tr><td>2</td><td>62.01</td><td>23.11</td><td>-16.89</td><td>40.00</td><td>42.26</td><td>12.83</td><td>0.94</td><td>32.92</td><td>---</td><td>---</td><td>Peak</td></tr> <tr><td>3</td><td>323.91</td><td>19.15</td><td>-26.85</td><td>46.00</td><td>29.53</td><td>19.95</td><td>2.63</td><td>32.96</td><td>---</td><td>---</td><td>Peak</td></tr> <tr><td>4</td><td>593.57</td><td>27.22</td><td>-18.78</td><td>46.00</td><td>30.92</td><td>26.04</td><td>3.55</td><td>33.29</td><td>---</td><td>---</td><td>Peak</td></tr> <tr><td>5</td><td>649.83</td><td>27.60</td><td>-18.40</td><td>46.00</td><td>30.73</td><td>26.45</td><td>3.72</td><td>33.30</td><td>---</td><td>---</td><td>Peak</td></tr> <tr><td>6</td><td>962.17</td><td>29.22</td><td>-24.78</td><td>54.00</td><td>26.42</td><td>30.02</td><td>4.51</td><td>31.73</td><td>---</td><td>---</td><td>Peak</td></tr> </tbody> </table> | Peak | Freq | Level | Over Limit | Limit Line | ReadAntenna Level | Cable Loss Factor | Preamp Loss Factor | A/Pos | T/Pos | Remark |  | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | dB | cm | deg | 1 | 30.00 | 23.10 | -16.90 | 40.00 | 29.66 | 25.74 | 0.50 | 32.80 | --- | --- | Peak | 2 | 62.01 | 23.11 | -16.89 | 40.00 | 42.26 | 12.83 | 0.94 | 32.92 | --- | --- | Peak | 3 | 323.91 | 19.15 | -26.85 | 46.00 | 29.53 | 19.95 | 2.63 | 32.96 | --- | --- | Peak | 4 | 593.57 | 27.22 | -18.78 | 46.00 | 30.92 | 26.04 | 3.55 | 33.29 | --- | --- | Peak | 5 | 649.83 | 27.60 | -18.40 | 46.00 | 30.73 | 26.45 | 3.72 | 33.30 | --- | --- | Peak | 6 | 962.17 | 29.22 | -24.78 | 54.00 | 26.42 | 30.02 | 4.51 | 31.73 | --- | --- |
| Peak        | Freq   | Level    | Over Limit | Limit Line | ReadAntenna Level | Cable Loss Factor | Preamp Loss Factor | A/Pos             | T/Pos              | Remark |       |        |  |     |        |    |        |      |      |    |    |    |     |   |       |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |       |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |  |      |      |       |            |            |                   |                   |                    |       |       |        |  |     |        |    |        |      |      |    |    |    |     |   |       |       |        |       |       |       |      |       |     |     |      |   |       |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |
|             | MHz  | dBuV/m   | dB         | dBuV/m     | dBuV              | dB/m              | dB                 | dB                | cm                 | deg    |       |        |  |     |        |    |        |      |      |    |    |    |     |   |       |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |       |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |  |      |      |       |            |            |                   |                   |                    |       |       |        |  |     |        |    |        |      |      |    |    |    |     |   |       |       |        |       |       |       |      |       |     |     |      |   |       |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |
| 1           | 30.97  | 20.01    | -19.99     | 40.00      | 27.22             | 25.09             | 0.51               | 32.81             | ---                | ---    | Peak  |        |  |     |        |    |        |      |      |    |    |    |     |   |       |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |       |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |  |      |      |       |            |            |                   |                   |                    |       |       |        |  |     |        |    |        |      |      |    |    |    |     |   |       |       |        |       |       |       |      |       |     |     |      |   |       |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |
| 2           | 252.13   | 23.55    | -22.45     | 46.00      | 35.47             | 18.78             | 2.31               | 33.01             | ---                | ---    | Peak  |        |  |     |        |    |        |      |      |    |    |    |     |   |       |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |       |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |  |      |      |       |            |            |                   |                   |                    |       |       |        |  |     |        |    |        |      |      |    |    |    |     |   |       |       |        |       |       |       |      |       |     |     |      |   |       |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |
| 3           | 450.01   | 24.86    | -21.14     | 46.00      | 32.00             | 22.96             | 3.09               | 33.19             | ---                | ---    | Peak  |        |  |     |        |    |        |      |      |    |    |    |     |   |       |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |       |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |  |      |      |       |            |            |                   |                   |                    |       |       |        |  |     |        |    |        |      |      |    |    |    |     |   |       |       |        |       |       |       |      |       |     |     |      |   |       |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |
| 4           | 593.57   | 35.27    | -10.73     | 46.00      | 38.97             | 26.04             | 3.55               | 33.29             | ---                | ---    | Peak  |        |  |     |        |    |        |      |      |    |    |    |     |   |       |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |       |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |  |      |      |       |            |            |                   |                   |                    |       |       |        |  |     |        |    |        |      |      |    |    |    |     |   |       |       |        |       |       |       |      |       |     |     |      |   |       |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |
| 5           | 730.34   | 38.16    | -7.84      | 46.00      | 40.29             | 27.17             | 3.94               | 33.24             | ---                | ---    | Peak  |        |  |     |        |    |        |      |      |    |    |    |     |   |       |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |       |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |  |      |      |       |            |            |                   |                   |                    |       |       |        |  |     |        |    |        |      |      |    |    |    |     |   |       |       |        |       |       |       |      |       |     |     |      |   |       |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |
| 6           | 931.13   | 30.30    | -15.70     | 46.00      | 28.36             | 29.56             | 4.44               | 32.06             | ---                | ---    | Peak  |        |  |     |        |    |        |      |      |    |    |    |     |   |       |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |       |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |  |      |      |       |            |            |                   |                   |                    |       |       |        |  |     |        |    |        |      |      |    |    |    |     |   |       |       |        |       |       |       |      |       |     |     |      |   |       |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |
| Peak        | Freq   | Level    | Over Limit | Limit Line | ReadAntenna Level | Cable Loss Factor | Preamp Loss Factor | A/Pos             | T/Pos              | Remark |       |        |  |     |        |    |        |      |      |    |    |    |     |   |       |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |       |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |  |      |      |       |            |            |                   |                   |                    |       |       |        |  |     |        |    |        |      |      |    |    |    |     |   |       |       |        |       |       |       |      |       |     |     |      |   |       |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |
|             | MHz  | dBuV/m   | dB         | dBuV/m     | dBuV              | dB/m              | dB                 | dB                | cm                 | deg    |       |        |  |     |        |    |        |      |      |    |    |    |     |   |       |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |       |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |  |      |      |       |            |            |                   |                   |                    |       |       |        |  |     |        |    |        |      |      |    |    |    |     |   |       |       |        |       |       |       |      |       |     |     |      |   |       |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |
| 1           | 30.00  | 23.10    | -16.90     | 40.00      | 29.66             | 25.74             | 0.50               | 32.80             | ---                | ---    | Peak  |        |  |     |        |    |        |      |      |    |    |    |     |   |       |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |       |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |  |      |      |       |            |            |                   |                   |                    |       |       |        |  |     |        |    |        |      |      |    |    |    |     |   |       |       |        |       |       |       |      |       |     |     |      |   |       |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |
| 2           | 62.01  | 23.11    | -16.89     | 40.00      | 42.26             | 12.83             | 0.94               | 32.92             | ---                | ---    | Peak  |        |  |     |        |    |        |      |      |    |    |    |     |   |       |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |       |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |  |      |      |       |            |            |                   |                   |                    |       |       |        |  |     |        |    |        |      |      |    |    |    |     |   |       |       |        |       |       |       |      |       |     |     |      |   |       |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |
| 3           | 323.91   | 19.15    | -26.85     | 46.00      | 29.53             | 19.95             | 2.63               | 32.96             | ---                | ---    | Peak  |        |  |     |        |    |        |      |      |    |    |    |     |   |       |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |       |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |  |      |      |       |            |            |                   |                   |                    |       |       |        |  |     |        |    |        |      |      |    |    |    |     |   |       |       |        |       |       |       |      |       |     |     |      |   |       |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |
| 4           | 593.57   | 27.22    | -18.78     | 46.00      | 30.92             | 26.04             | 3.55               | 33.29             | ---                | ---    | Peak  |        |  |     |        |    |        |      |      |    |    |    |     |   |       |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |       |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |  |      |      |       |            |            |                   |                   |                    |       |       |        |  |     |        |    |        |      |      |    |    |    |     |   |       |       |        |       |       |       |      |       |     |     |      |   |       |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |
| 5           | 649.83   | 27.60    | -18.40     | 46.00      | 30.73             | 26.45             | 3.72               | 33.30             | ---                | ---    | Peak  |        |  |     |        |    |        |      |      |    |    |    |     |   |       |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |       |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |  |      |      |       |            |            |                   |                   |                    |       |       |        |  |     |        |    |        |      |      |    |    |    |     |   |       |       |        |       |       |       |      |       |     |     |      |   |       |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |
| 6           | 962.17   | 29.22    | -24.78     | 54.00      | 26.42             | 30.02             | 4.51               | 31.73             | ---                | ---    | Peak  |        |  |     |        |    |        |      |      |    |    |    |     |   |       |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |       |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |  |      |      |       |            |            |                   |                   |                    |       |       |        |  |     |        |    |        |      |      |    |    |    |     |   |       |       |        |       |       |       |      |       |     |     |      |   |       |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |      |   |        |       |        |       |       |       |      |       |     |     |



7

Mode

Band Edge - L

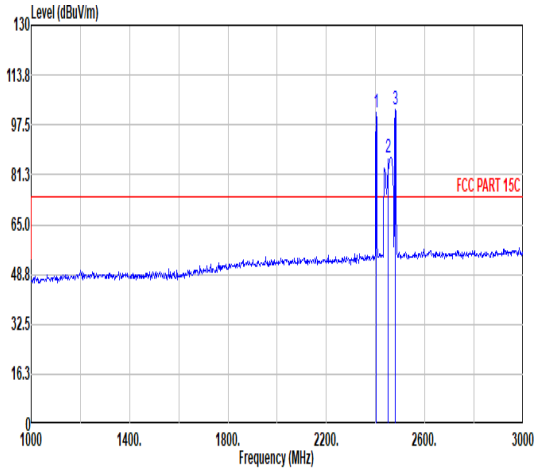
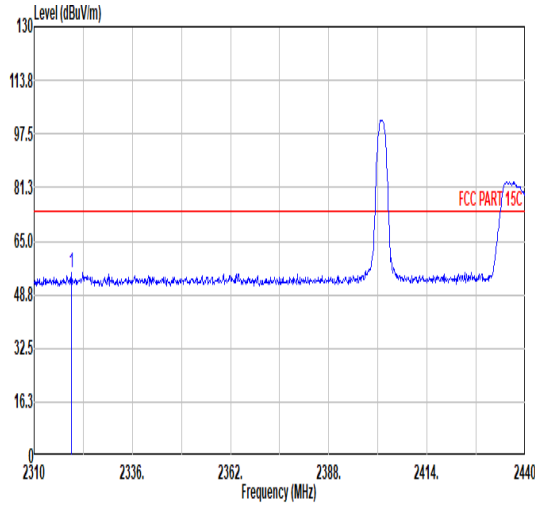
2400-2483.5\_Bluetooth-LE\_CH00\_2402MHz

Pol.

Horizontal

Fundamental

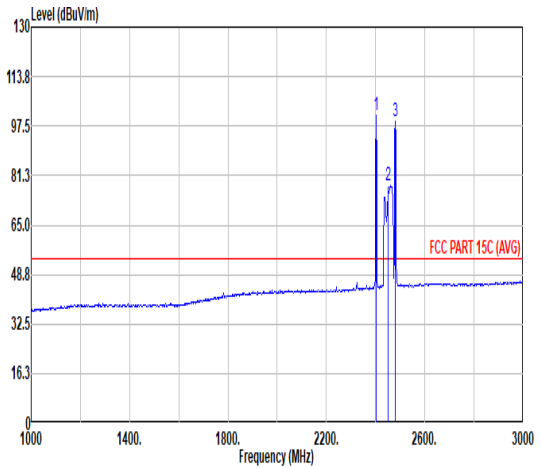
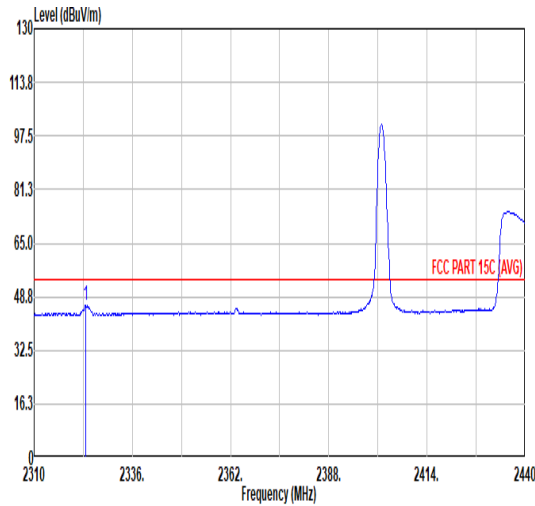
Peak



| Limit | Read    | Ant    | Cable  | Preamp | Aux    | APos  | TPos   | Remark |      |     |     |      |
|-------|---------|--------|--------|--------|--------|-------|--------|--------|------|-----|-----|------|
| Freq  | Level   | Line   | Margin | Level  | Factor | Loss  | Factor | Factor |      |     |     |      |
| MHz   | dBuV/m  | dBuV/m | dB     | dBuV   | dB/m   | dB    | dB     | cm     | deg  |     |     |      |
| 1     | 2319.88 | 55.45  | 74.00  | -18.55 | 41.56  | 31.82 | 7.01   | 30.94  | 6.00 | 129 | 177 | PEAK |

| Limit | Read    | Ant    | Cable  | Preamp | Aux    | APos  | TPos   | Remark |      |     |     |      |
|-------|---------|--------|--------|--------|--------|-------|--------|--------|------|-----|-----|------|
| Freq  | Level   | Line   | Margin | Level  | Factor | Loss  | Factor | Factor |      |     |     |      |
| MHz   | dBuV/m  | dBuV/m | dB     | dBuV   | dB/m   | dB    | dB     | cm     | deg  |     |     |      |
| 1     | 2402.00 | 101.71 | 74.00  | 27.71  | 87.45  | 32.00 | 7.13   | 30.87  | 6.00 | 129 | 177 | Peak |
| 2     | 2452.00 | 86.98  | 74.00  | 12.98  | 72.40  | 32.08 | 7.23   | 30.73  | 6.00 | 129 | 177 | Peak |
| 3     | 2480.00 | 102.45 | 74.00  | 28.45  | 87.71  | 32.12 | 7.28   | 30.66  | 6.00 | 129 | 177 | Peak |

Avg

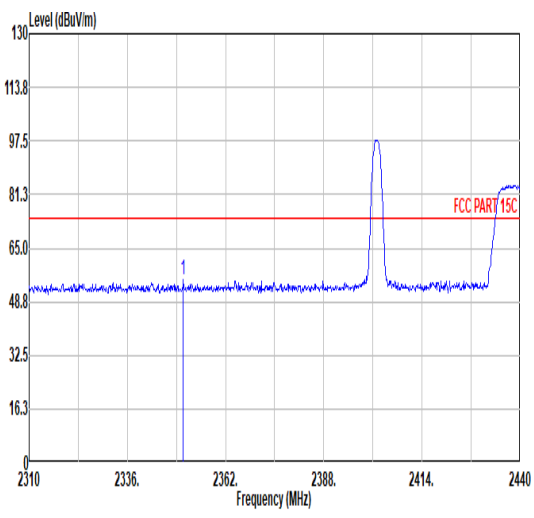
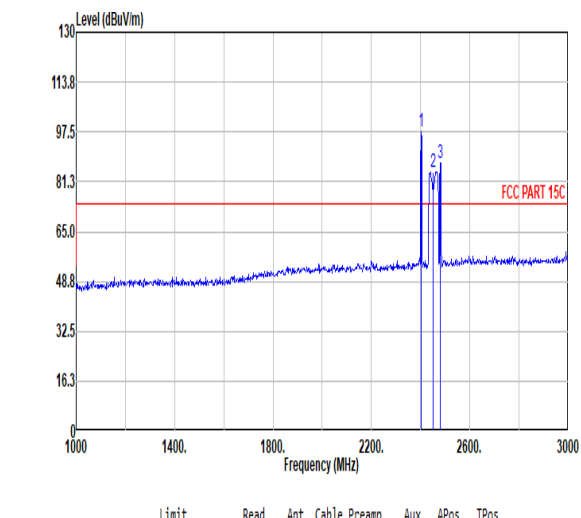
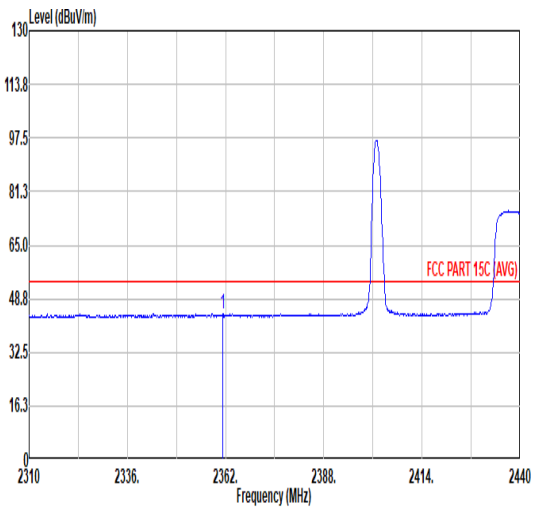
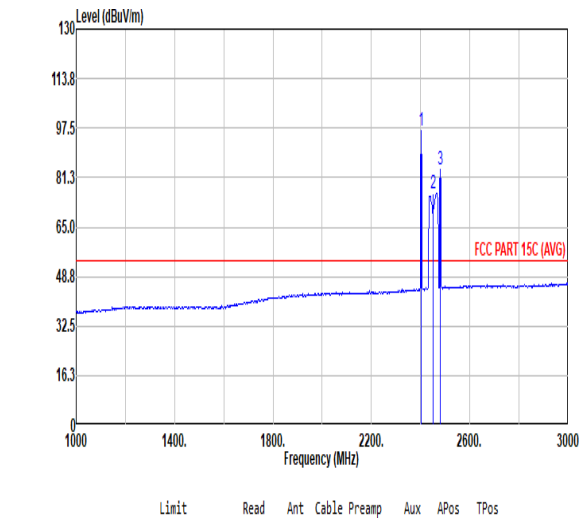


| Limit | Read    | Ant    | Cable  | Preamp | Aux    | APos  | TPos   | Remark |      |     |     |         |
|-------|---------|--------|--------|--------|--------|-------|--------|--------|------|-----|-----|---------|
| Freq  | Level   | Line   | Margin | Level  | Factor | Loss  | Factor | Factor |      |     |     |         |
| MHz   | dBuV/m  | dBuV/m | dB     | dBuV   | dB/m   | dB    | dB     | cm     | deg  |     |     |         |
| 1     | 2323.65 | 46.22  | 54.00  | -7.78  | 32.31  | 31.83 | 7.02   | 30.94  | 6.00 | 129 | 177 | AVERAGE |

| Limit | Read    | Ant    | Cable  | Preamp | Aux    | APos  | TPos   | Remark |      |     |     |         |
|-------|---------|--------|--------|--------|--------|-------|--------|--------|------|-----|-----|---------|
| Freq  | Level   | Line   | Margin | Level  | Factor | Loss  | Factor | Factor |      |     |     |         |
| MHz   | dBuV/m  | dBuV/m | dB     | dBuV   | dB/m   | dB    | dB     | cm     | deg  |     |     |         |
| 1     | 2402.00 | 100.89 | 54.00  | 46.89  | 86.63  | 32.00 | 7.13   | 30.87  | 6.00 | 129 | 177 | Average |
| 2     | 2452.00 | 77.86  | 54.00  | 23.86  | 63.28  | 32.08 | 7.23   | 30.73  | 6.00 | 129 | 177 | Average |
| 3     | 2480.00 | 99.14  | 54.00  | 45.14  | 84.40  | 32.12 | 7.28   | 30.66  | 6.00 | 129 | 177 | Average |

Note: the highest signal over limit are BLE + Zigbee + WLAN co-location fundamental signals.



|       |  | 7                                     |        |        |        |        |        |        |      |        |      |         |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |     |         |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |       |       |       |      |       |      |     |     |         |   |         |       |       |       |       |       |      |       |      |     |     |         |   |         |       |       |       |       |       |      |       |      |     |     |         |
|-------|--|---------------------------------------|--------|--------|--------|--------|--------|--------|------|--------|------|---------|------|--------|-------|--------|------|--------|--------|-----|--------|--------|----|------|------|----|----|----|----|-----|---|---------|-------|-------|--------|-------|-------|------|-------|------|-----|-----|---------|--|-------|------|-----|-------|--------|-----|------|------|--------|------|-------|------|--------|-------|--------|------|--------|--------|-----|--------|--------|----|------|------|----|----|----|----|-----|---|---------|-------|-------|-------|-------|-------|------|-------|------|-----|-----|---------|---|---------|-------|-------|-------|-------|-------|------|-------|------|-----|-----|---------|---|---------|-------|-------|-------|-------|-------|------|-------|------|-----|-----|---------|
| Mode  |  | Band Edge - L                         |        |        |        |        |        |        |      |        |      |         |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |     |         |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |       |       |       |      |       |      |     |     |         |   |         |       |       |       |       |       |      |       |      |     |     |         |   |         |       |       |       |       |       |      |       |      |     |     |         |
|       |  | 2400-2483.5_Bluetooth-LE_CH00_2402MHz |        |        |        |        |        |        |      |        |      |         |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |     |         |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |       |       |       |      |       |      |     |     |         |   |         |       |       |       |       |       |      |       |      |     |     |         |   |         |       |       |       |       |       |      |       |      |     |     |         |
| Pol.  | Vertical   | Fundamental                           |        |        |        |        |        |        |      |        |      |         |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |     |         |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |       |       |       |      |       |      |     |     |         |   |         |       |       |       |       |       |      |       |      |     |     |         |   |         |       |       |       |       |       |      |       |      |     |     |         |
| Peak  |  <p>Level (dBuV/m) vs Frequency (MHz) plot for Vertical polarization. Shows a peak at approximately 2402 MHz. A red horizontal line indicates the FCC PART 15C limit at approximately 74 dBuV/m.</p> <table border="1"> <thead> <tr> <th>Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APos</th> <th>TPos</th> <th>Remark</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line</th> <th>Margin</th> <th>Level</th> <th>Factor</th> <th>Loss</th> <th>Factor</th> <th>Factor</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV</th> <th>dB/m</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2350.82</td> <td>55.45</td> <td>74.00</td> <td>-18.55</td> <td>41.42</td> <td>31.89</td> <td>7.06</td> <td>30.92</td> <td>6.00</td> <td>269</td> <td>148</td> <td>PEAK</td> </tr> </tbody> </table>                        | Limit                                 | Read   | Ant    | Cable  | Preamp | Aux    | APos   | TPos | Remark | Freq | Level   | Line | Margin | Level | Factor | Loss | Factor | Factor | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | cm | deg | 1 | 2350.82 | 55.45 | 74.00 | -18.55 | 41.42 | 31.89 | 7.06 | 30.92 | 6.00 | 269 | 148 | PEAK    |  <p>Level (dBuV/m) vs Frequency (MHz) plot for Fundamental polarization. Shows a peak at approximately 2402 MHz. A red horizontal line indicates the FCC PART 15C limit at approximately 74 dBuV/m.</p> <table border="1"> <thead> <tr> <th>Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APos</th> <th>TPos</th> <th>Remark</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line</th> <th>Margin</th> <th>Level</th> <th>Factor</th> <th>Loss</th> <th>Factor</th> <th>Factor</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV</th> <th>dB/m</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2402.00</td> <td>97.69</td> <td>74.00</td> <td>23.69</td> <td>83.43</td> <td>32.00</td> <td>7.13</td> <td>30.87</td> <td>6.00</td> <td>269</td> <td>148</td> <td>Peak</td> </tr> <tr> <td>2</td> <td>2452.00</td> <td>84.57</td> <td>74.00</td> <td>10.57</td> <td>69.99</td> <td>32.00</td> <td>7.23</td> <td>30.73</td> <td>6.00</td> <td>269</td> <td>148</td> <td>Peak</td> </tr> <tr> <td>3</td> <td>2480.00</td> <td>87.20</td> <td>74.00</td> <td>13.20</td> <td>72.46</td> <td>32.12</td> <td>7.28</td> <td>30.66</td> <td>6.00</td> <td>269</td> <td>148</td> <td>Peak</td> </tr> </tbody> </table>                               | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | cm | deg | 1 | 2402.00 | 97.69 | 74.00 | 23.69 | 83.43 | 32.00 | 7.13 | 30.87 | 6.00 | 269 | 148 | Peak    | 2 | 2452.00 | 84.57 | 74.00 | 10.57 | 69.99 | 32.00 | 7.23 | 30.73 | 6.00 | 269 | 148 | Peak    | 3 | 2480.00 | 87.20 | 74.00 | 13.20 | 72.46 | 32.12 | 7.28 | 30.66 | 6.00 | 269 | 148 | Peak    |
| Limit | Read   | Ant                                   | Cable  | Preamp | Aux    | APos   | TPos   | Remark |      |        |      |         |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |     |         |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |       |       |       |      |       |      |     |     |         |   |         |       |       |       |       |       |      |       |      |     |     |         |   |         |       |       |       |       |       |      |       |      |     |     |         |
| Freq  | Level  | Line                                  | Margin | Level  | Factor | Loss   | Factor | Factor |      |        |      |         |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |     |         |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |       |       |       |      |       |      |     |     |         |   |         |       |       |       |       |       |      |       |      |     |     |         |   |         |       |       |       |       |       |      |       |      |     |     |         |
| MHz   | dBuV/m   | dBuV/m                                | dB     | dBuV   | dB/m   | dB     | dB     | dB     | cm   | deg    |      |         |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |     |         |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |       |       |       |      |       |      |     |     |         |   |         |       |       |       |       |       |      |       |      |     |     |         |   |         |       |       |       |       |       |      |       |      |     |     |         |
| 1     | 2350.82  | 55.45                                 | 74.00  | -18.55 | 41.42  | 31.89  | 7.06   | 30.92  | 6.00 | 269    | 148  | PEAK    |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |     |         |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |       |       |       |      |       |      |     |     |         |   |         |       |       |       |       |       |      |       |      |     |     |         |   |         |       |       |       |       |       |      |       |      |     |     |         |
| Limit | Read   | Ant                                   | Cable  | Preamp | Aux    | APos   | TPos   | Remark |      |        |      |         |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |     |         |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |       |       |       |      |       |      |     |     |         |   |         |       |       |       |       |       |      |       |      |     |     |         |   |         |       |       |       |       |       |      |       |      |     |     |         |
| Freq  | Level  | Line                                  | Margin | Level  | Factor | Loss   | Factor | Factor |      |        |      |         |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |     |         |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |       |       |       |      |       |      |     |     |         |   |         |       |       |       |       |       |      |       |      |     |     |         |   |         |       |       |       |       |       |      |       |      |     |     |         |
| MHz   | dBuV/m   | dBuV/m                                | dB     | dBuV   | dB/m   | dB     | dB     | dB     | cm   | deg    |      |         |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |     |         |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |       |       |       |      |       |      |     |     |         |   |         |       |       |       |       |       |      |       |      |     |     |         |   |         |       |       |       |       |       |      |       |      |     |     |         |
| 1     | 2402.00  | 97.69                                 | 74.00  | 23.69  | 83.43  | 32.00  | 7.13   | 30.87  | 6.00 | 269    | 148  | Peak    |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |     |         |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |       |       |       |      |       |      |     |     |         |   |         |       |       |       |       |       |      |       |      |     |     |         |   |         |       |       |       |       |       |      |       |      |     |     |         |
| 2     | 2452.00  | 84.57                                 | 74.00  | 10.57  | 69.99  | 32.00  | 7.23   | 30.73  | 6.00 | 269    | 148  | Peak    |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |     |         |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |       |       |       |      |       |      |     |     |         |   |         |       |       |       |       |       |      |       |      |     |     |         |   |         |       |       |       |       |       |      |       |      |     |     |         |
| 3     | 2480.00  | 87.20                                 | 74.00  | 13.20  | 72.46  | 32.12  | 7.28   | 30.66  | 6.00 | 269    | 148  | Peak    |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |     |         |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |       |       |       |      |       |      |     |     |         |   |         |       |       |       |       |       |      |       |      |     |     |         |   |         |       |       |       |       |       |      |       |      |     |     |         |
| Avg   |  <p>Level (dBuV/m) vs Frequency (MHz) plot for Vertical polarization, Average mode. Shows a peak at approximately 2402 MHz. A red horizontal line indicates the FCC PART 15C (AVG) limit at approximately 74 dBuV/m.</p> <table border="1"> <thead> <tr> <th>Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APos</th> <th>TPos</th> <th>Remark</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line</th> <th>Margin</th> <th>Level</th> <th>Factor</th> <th>Loss</th> <th>Factor</th> <th>Factor</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV</th> <th>dB/m</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2361.22</td> <td>44.09</td> <td>54.00</td> <td>-9.91</td> <td>30.02</td> <td>31.91</td> <td>7.07</td> <td>30.91</td> <td>6.00</td> <td>269</td> <td>148</td> <td>AVERAGE</td> </tr> </tbody> </table> | Limit                                 | Read   | Ant    | Cable  | Preamp | Aux    | APos   | TPos | Remark | Freq | Level   | Line | Margin | Level | Factor | Loss | Factor | Factor | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | cm | deg | 1 | 2361.22 | 44.09 | 54.00 | -9.91  | 30.02 | 31.91 | 7.07 | 30.91 | 6.00 | 269 | 148 | AVERAGE |  <p>Level (dBuV/m) vs Frequency (MHz) plot for Fundamental polarization, Average mode. Shows a peak at approximately 2402 MHz. A red horizontal line indicates the FCC PART 15C (AVG) limit at approximately 74 dBuV/m.</p> <table border="1"> <thead> <tr> <th>Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APos</th> <th>TPos</th> <th>Remark</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line</th> <th>Margin</th> <th>Level</th> <th>Factor</th> <th>Loss</th> <th>Factor</th> <th>Factor</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV</th> <th>dB/m</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2402.00</td> <td>96.82</td> <td>54.00</td> <td>42.82</td> <td>82.56</td> <td>32.00</td> <td>7.13</td> <td>30.87</td> <td>6.00</td> <td>269</td> <td>148</td> <td>Average</td> </tr> <tr> <td>2</td> <td>2452.00</td> <td>75.88</td> <td>54.00</td> <td>21.88</td> <td>61.30</td> <td>32.00</td> <td>7.23</td> <td>30.73</td> <td>6.00</td> <td>269</td> <td>148</td> <td>Average</td> </tr> <tr> <td>3</td> <td>2480.00</td> <td>83.94</td> <td>54.00</td> <td>29.94</td> <td>69.20</td> <td>32.12</td> <td>7.28</td> <td>30.66</td> <td>6.00</td> <td>269</td> <td>148</td> <td>Average</td> </tr> </tbody> </table> | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | cm | deg | 1 | 2402.00 | 96.82 | 54.00 | 42.82 | 82.56 | 32.00 | 7.13 | 30.87 | 6.00 | 269 | 148 | Average | 2 | 2452.00 | 75.88 | 54.00 | 21.88 | 61.30 | 32.00 | 7.23 | 30.73 | 6.00 | 269 | 148 | Average | 3 | 2480.00 | 83.94 | 54.00 | 29.94 | 69.20 | 32.12 | 7.28 | 30.66 | 6.00 | 269 | 148 | Average |
| Limit | Read   | Ant                                   | Cable  | Preamp | Aux    | APos   | TPos   | Remark |      |        |      |         |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |     |         |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |       |       |       |      |       |      |     |     |         |   |         |       |       |       |       |       |      |       |      |     |     |         |   |         |       |       |       |       |       |      |       |      |     |     |         |
| Freq  | Level  | Line                                  | Margin | Level  | Factor | Loss   | Factor | Factor |      |        |      |         |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |     |         |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |       |       |       |      |       |      |     |     |         |   |         |       |       |       |       |       |      |       |      |     |     |         |   |         |       |       |       |       |       |      |       |      |     |     |         |
| MHz   | dBuV/m   | dBuV/m                                | dB     | dBuV   | dB/m   | dB     | dB     | dB     | cm   | deg    |      |         |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |     |         |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |       |       |       |      |       |      |     |     |         |   |         |       |       |       |       |       |      |       |      |     |     |         |   |         |       |       |       |       |       |      |       |      |     |     |         |
| 1     | 2361.22  | 44.09                                 | 54.00  | -9.91  | 30.02  | 31.91  | 7.07   | 30.91  | 6.00 | 269    | 148  | AVERAGE |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |     |         |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |       |       |       |      |       |      |     |     |         |   |         |       |       |       |       |       |      |       |      |     |     |         |   |         |       |       |       |       |       |      |       |      |     |     |         |
| Limit | Read   | Ant                                   | Cable  | Preamp | Aux    | APos   | TPos   | Remark |      |        |      |         |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |     |         |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |       |       |       |      |       |      |     |     |         |   |         |       |       |       |       |       |      |       |      |     |     |         |   |         |       |       |       |       |       |      |       |      |     |     |         |
| Freq  | Level  | Line                                  | Margin | Level  | Factor | Loss   | Factor | Factor |      |        |      |         |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |     |         |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |       |       |       |      |       |      |     |     |         |   |         |       |       |       |       |       |      |       |      |     |     |         |   |         |       |       |       |       |       |      |       |      |     |     |         |
| MHz   | dBuV/m   | dBuV/m                                | dB     | dBuV   | dB/m   | dB     | dB     | dB     | cm   | deg    |      |         |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |     |         |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |       |       |       |      |       |      |     |     |         |   |         |       |       |       |       |       |      |       |      |     |     |         |   |         |       |       |       |       |       |      |       |      |     |     |         |
| 1     | 2402.00  | 96.82                                 | 54.00  | 42.82  | 82.56  | 32.00  | 7.13   | 30.87  | 6.00 | 269    | 148  | Average |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |     |         |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |       |       |       |      |       |      |     |     |         |   |         |       |       |       |       |       |      |       |      |     |     |         |   |         |       |       |       |       |       |      |       |      |     |     |         |
| 2     | 2452.00  | 75.88                                 | 54.00  | 21.88  | 61.30  | 32.00  | 7.23   | 30.73  | 6.00 | 269    | 148  | Average |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |     |         |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |       |       |       |      |       |      |     |     |         |   |         |       |       |       |       |       |      |       |      |     |     |         |   |         |       |       |       |       |       |      |       |      |     |     |         |
| 3     | 2480.00  | 83.94                                 | 54.00  | 29.94  | 69.20  | 32.12  | 7.28   | 30.66  | 6.00 | 269    | 148  | Average |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |     |         |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |       |       |       |      |       |      |     |     |         |   |         |       |       |       |       |       |      |       |      |     |     |         |   |         |       |       |       |       |       |      |       |      |     |     |         |

Note: the highest signal over limit are BLE + Zigbee + WLAN co-location fundamental signals.



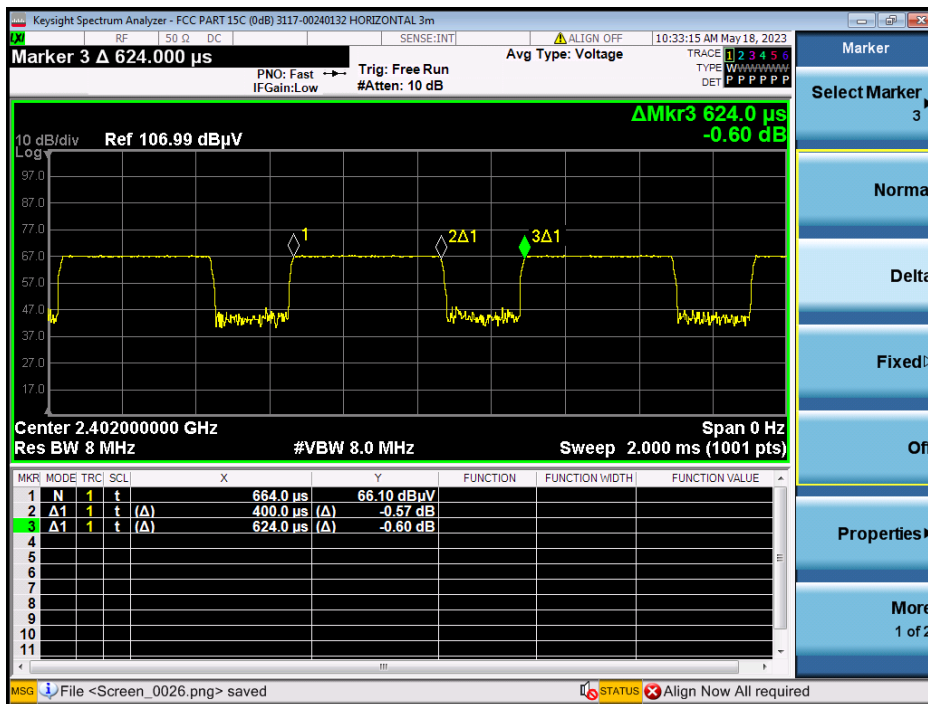
| Mode     | 7  |          |        |        |        |        |        |        |        |      |       |        |        |       |        |      |        |        |        |    |     |        |     |        |        |    |      |      |    |    |    |    |    |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |  |       |      |     |       |        |     |      |      |      |       |      |        |       |        |      |        |        |        |    |     |        |     |        |        |    |      |      |    |    |    |    |    |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |
|----------|--|----------|--------|--------|--------|--------|--------|--------|--------|------|-------|--------|--------|-------|--------|------|--------|--------|--------|----|-----|--------|-----|--------|--------|----|------|------|----|----|----|----|----|-----|------|---|---------|-------|-------|--------|-------|-------|-------|-------|------|-----|-----|------|--|-------|------|-----|-------|--------|-----|------|------|------|-------|------|--------|-------|--------|------|--------|--------|--------|----|-----|--------|-----|--------|--------|----|------|------|----|----|----|----|----|-----|------|---|---------|-------|-------|--------|-------|-------|-------|-------|------|-----|-----|------|
|          | Harmonic   |          |        |        |        |        |        |        |        |      |       |        |        |       |        |      |        |        |        |    |     |        |     |        |        |    |      |      |    |    |    |    |    |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |  |       |      |     |       |        |     |      |      |      |       |      |        |       |        |      |        |        |        |    |     |        |     |        |        |    |      |      |    |    |    |    |    |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |
|          | 2400-2483.5_Bluetooth-LE_CH00_2402MHz  |          |        |        |        |        |        |        |        |      |       |        |        |       |        |      |        |        |        |    |     |        |     |        |        |    |      |      |    |    |    |    |    |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |  |       |      |     |       |        |     |      |      |      |       |      |        |       |        |      |        |        |        |    |     |        |     |        |        |    |      |      |    |    |    |    |    |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |
| Pol.     | Horizontal   | Vertical |        |        |        |        |        |        |        |      |       |        |        |       |        |      |        |        |        |    |     |        |     |        |        |    |      |      |    |    |    |    |    |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |  |       |      |     |       |        |     |      |      |      |       |      |        |       |        |      |        |        |        |    |     |        |     |        |        |    |      |      |    |    |    |    |    |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |
| Peak Avg | <table border="1"> <thead> <tr> <th>Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APos</th> <th>TPos</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line</th> <th>Margin</th> <th>Level</th> <th>Factor</th> <th>Loss</th> <th>Factor</th> <th>Factor</th> <th>Factor</th> <th>cm</th> <th>deg</th> <th>Remark</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV</th> <th>dB/m</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> <th>Peak</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>4804.00</td> <td>46.58</td> <td>74.00</td> <td>-27.42</td> <td>67.62</td> <td>34.10</td> <td>10.29</td> <td>65.43</td> <td>0.00</td> <td>---</td> <td>---</td> <td>Peak</td> </tr> </tbody> </table> | Limit    | Read   | Ant    | Cable  | Preamp | Aux    | APos   | TPos   | Freq | Level | Line   | Margin | Level | Factor | Loss | Factor | Factor | Factor | cm | deg | Remark | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | dB | cm | deg | Peak | 1 | 4804.00 | 46.58 | 74.00 | -27.42 | 67.62 | 34.10 | 10.29 | 65.43 | 0.00 | --- | --- | Peak | <table border="1"> <thead> <tr> <th>Limit</th> <th>Read</th> <th>Ant</th> <th>Cable</th> <th>Preamp</th> <th>Aux</th> <th>APos</th> <th>TPos</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Line</th> <th>Margin</th> <th>Level</th> <th>Factor</th> <th>Loss</th> <th>Factor</th> <th>Factor</th> <th>Factor</th> <th>cm</th> <th>deg</th> <th>Remark</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV</th> <th>dB/m</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> <th>Peak</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>4804.00</td> <td>48.33</td> <td>74.00</td> <td>-25.67</td> <td>69.37</td> <td>34.10</td> <td>10.29</td> <td>65.43</td> <td>0.00</td> <td>---</td> <td>---</td> <td>Peak</td> </tr> </tbody> </table> | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor | Factor | cm | deg | Remark | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | dB | cm | deg | Peak | 1 | 4804.00 | 48.33 | 74.00 | -25.67 | 69.37 | 34.10 | 10.29 | 65.43 | 0.00 | --- | --- | Peak |
| Limit    | Read   | Ant      | Cable  | Preamp | Aux    | APos   | TPos   |        |        |      |       |        |        |       |        |      |        |        |        |    |     |        |     |        |        |    |      |      |    |    |    |    |    |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |  |       |      |     |       |        |     |      |      |      |       |      |        |       |        |      |        |        |        |    |     |        |     |        |        |    |      |      |    |    |    |    |    |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |
| Freq     | Level  | Line     | Margin | Level  | Factor | Loss   | Factor | Factor | Factor | cm   | deg   | Remark |        |       |        |      |        |        |        |    |     |        |     |        |        |    |      |      |    |    |    |    |    |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |  |       |      |     |       |        |     |      |      |      |       |      |        |       |        |      |        |        |        |    |     |        |     |        |        |    |      |      |    |    |    |    |    |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |
| MHz      | dBuV/m   | dBuV/m   | dB     | dBuV   | dB/m   | dB     | dB     | dB     | dB     | cm   | deg   | Peak   |        |       |        |      |        |        |        |    |     |        |     |        |        |    |      |      |    |    |    |    |    |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |  |       |      |     |       |        |     |      |      |      |       |      |        |       |        |      |        |        |        |    |     |        |     |        |        |    |      |      |    |    |    |    |    |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |
| 1        | 4804.00  | 46.58    | 74.00  | -27.42 | 67.62  | 34.10  | 10.29  | 65.43  | 0.00   | ---  | ---   | Peak   |        |       |        |      |        |        |        |    |     |        |     |        |        |    |      |      |    |    |    |    |    |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |  |       |      |     |       |        |     |      |      |      |       |      |        |       |        |      |        |        |        |    |     |        |     |        |        |    |      |      |    |    |    |    |    |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |
| Limit    | Read   | Ant      | Cable  | Preamp | Aux    | APos   | TPos   |        |        |      |       |        |        |       |        |      |        |        |        |    |     |        |     |        |        |    |      |      |    |    |    |    |    |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |  |       |      |     |       |        |     |      |      |      |       |      |        |       |        |      |        |        |        |    |     |        |     |        |        |    |      |      |    |    |    |    |    |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |
| Freq     | Level  | Line     | Margin | Level  | Factor | Loss   | Factor | Factor | Factor | cm   | deg   | Remark |        |       |        |      |        |        |        |    |     |        |     |        |        |    |      |      |    |    |    |    |    |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |  |       |      |     |       |        |     |      |      |      |       |      |        |       |        |      |        |        |        |    |     |        |     |        |        |    |      |      |    |    |    |    |    |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |
| MHz      | dBuV/m   | dBuV/m   | dB     | dBuV   | dB/m   | dB     | dB     | dB     | dB     | cm   | deg   | Peak   |        |       |        |      |        |        |        |    |     |        |     |        |        |    |      |      |    |    |    |    |    |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |  |       |      |     |       |        |     |      |      |      |       |      |        |       |        |      |        |        |        |    |     |        |     |        |        |    |      |      |    |    |    |    |    |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |
| 1        | 4804.00  | 48.33    | 74.00  | -25.67 | 69.37  | 34.10  | 10.29  | 65.43  | 0.00   | ---  | ---   | Peak   |        |       |        |      |        |        |        |    |     |        |     |        |        |    |      |      |    |    |    |    |    |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |  |       |      |     |       |        |     |      |      |      |       |      |        |       |        |      |        |        |        |    |     |        |     |        |        |    |      |      |    |    |    |    |    |     |      |   |         |       |       |        |       |       |       |       |      |     |     |      |



### Appendix D. Duty Cycle Plots

| Band               | Duty Cycle(%) | T(ms) | 1/T(kHz) | VBW Setting |
|--------------------|---------------|-------|----------|-------------|
| Bluetooth LE 1Mbps | 64.10         | 0.400 | 2.500    | 2.7 kHz     |
| Bluetooth LE 2Mbps | 33.65         | 0.210 | 4.762    | 5.2 kHz     |

Bluetooth LE 1Mbps





Bluetooth LE 2Mbps

