



# FCC RF Test Report

APPLICANT : FoxInsights GmbH  
EQUIPMENT : FoxPressure  
BRAND NAME : FoxInsights  
MODEL NAME : FoxPressure-V1  
FCC ID : 2BKML-FOXPRESSURE  
STANDARD : FCC Part 15 Subpart C §15.247  
CLASSIFICATION : (DSS) Spread Spectrum Transmitter  
TEST DATE(S) : Oct. 14, 2024

This product installed a RF module (Brand Name: WROOM, Model Name: ESP-WROOM-32D, FCC ID: 2AC7Z-ESPWROOM32D) during the test, only the RSE worst mode was verified in this report, all the other test results are leveraged from module RF report.

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



## TABLE OF CONTENTS

|                                                                 |    |
|-----------------------------------------------------------------|----|
| REVISION HISTORY.....                                           | 3  |
| SUMMARY OF TEST RESULT .....                                    | 4  |
| 1 GENERAL DESCRIPTION.....                                      | 5  |
| 1.1 Applicant.....                                              | 5  |
| 1.2 Manufacturer.....                                           | 5  |
| 1.3 Product Feature of Equipment Under Test.....                | 5  |
| 1.4 Product Specification of Equipment Under Test.....          | 5  |
| 1.5 Modification of EUT .....                                   | 5  |
| 1.6 Testing Location .....                                      | 6  |
| 1.7 Test Software.....                                          | 6  |
| 1.8 Applicable Standards.....                                   | 6  |
| 2 TEST CONFIGURATION OF EQUIPMENT UNDER TEST.....               | 7  |
| 2.1 Carrier Frequency Channel .....                             | 7  |
| 2.2 Test Mode.....                                              | 8  |
| 2.3 Connection Diagram of Test System.....                      | 8  |
| 2.4 EUT Operation Test Setup .....                              | 8  |
| 3 TEST RESULT .....                                             | 9  |
| 3.1 Radiated Band Edges and Spurious Emission Measurement ..... | 9  |
| 3.2 Antenna Requirements.....                                   | 13 |
| 4 LIST OF MEASURING EQUIPMENT.....                              | 14 |
| 5 MEASUREMENT UNCERTAINTY .....                                 | 15 |
| APPENDIX A. RADIATED SPURIOUS EMISSION                          |    |
| APPENDIX B. DUTY CYCLE PLOTS                                    |    |
| APPENDIX C. SETUP PHOTOGRAPHS                                   |    |



REVISION HISTORY

| REPORT NO. | VERSION | DESCRIPTION             | ISSUED DATE   |
|------------|---------|-------------------------|---------------|
| FR492610A  | Rev. 01 | Initial issue of report | Nov. 04, 2024 |
|            |         |                         |               |
|            |         |                         |               |
|            |         |                         |               |
|            |         |                         |               |
|            |         |                         |               |
|            |         |                         |               |
|            |         |                         |               |
|            |         |                         |               |
|            |         |                         |               |
|            |         |                         |               |
|            |         |                         |               |
|            |         |                         |               |
|            |         |                         |               |
|            |         |                         |               |
|            |         |                         |               |



## SUMMARY OF TEST RESULT

| Report Section | FCC Rule           | Description                                        | Limit                                  | Result         | Remark                                   |
|----------------|--------------------|----------------------------------------------------|----------------------------------------|----------------|------------------------------------------|
| -              | 15.247(a)(1)       | Number of Channels                                 | $\geq 15\text{Chs}$                    | Pass           | 1                                        |
| -              | 15.247(a)(1)       | Hopping Channel Separation                         | $\geq 2/3$ of 20dB BW                  | Pass           | 1                                        |
| -              | 15.247(a)(1)       | Dwell Time of Each Channel                         | $\leq 0.4\text{sec}$ in 31.6sec period | Pass           | 1                                        |
| -              | 15.247(a)(1)       | 20dB Bandwidth                                     | -                                      | Report only    | 1                                        |
| -              | -                  | 99% Bandwidth                                      | -                                      | Report only    | 1                                        |
| -              | 15.247(b)(1)       | Peak Output Power                                  | $\leq 125\text{ mW}$                   | Pass           | 1                                        |
| -              | 15.247(d)          | Conducted Band Edges                               | $\leq 20\text{dBc}$                    | Pass           | 1                                        |
| -              | 15.247(d)          | Conducted Spurious Emission                        | $\leq 20\text{dBc}$                    | Pass           | 1                                        |
| 3.1            | 15.247(d)          | Radiated Band Edges and Radiated Spurious Emission | 15.209(a) & 15.247(d)                  | Pass           | Under limit<br>11.06 dB at<br>800.18 MHz |
| -              | 15.207             | AC Conducted Emission                              | 15.207(a)                              | Not Applicable | EUT not connect<br>to AC Mains           |
| 3.2            | 15.203 & 15.247(b) | Antenna Requirement                                | 15.203 & 15.247(b)                     | Pass           | -                                        |

**Remark 1:**

Verify the maximum conducted power of the host is lower than and very close to the module, all the conducted test results were leveraged from module RF report which can refer to Report No. RXA1710-0352RF02.

**Conformity Assessment Condition:**

1. 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.
2. 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

FoxInsights GmbH  
Ridlerstr. 57 80339 Munich Germany

### 1.2 Manufacturer

FoxInsights GmbH  
Ridlerstr. 57 80339 Munich Germany

### 1.3 Product Feature of Equipment Under Test

| Product Feature |                         |
|-----------------|-------------------------|
| Equipment       | FoxPressure             |
| Brand Name      | FoxInsights             |
| Model Name      | FoxPressure-V1          |
| FCC ID          | 2BKML-FOXPRESSURE       |
| SN Code         | Radiation: ONP417602655 |
| HW Version      | 1.0                     |
| SW Version      | 1.0.0                   |
| EUT Stage       | Identical Prototype     |

**Remark:** The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.

### 1.4 Product Specification of Equipment Under Test

| Standards-related Product Specification |                                                                                                         |
|-----------------------------------------|---------------------------------------------------------------------------------------------------------|
| Tx/Rx Frequency Range                   | 2402 MHz ~ 2480 MHz                                                                                     |
| Number of Channels                      | 79                                                                                                      |
| Carrier Frequency of Each Channel       | 2402+n*1 MHz; n=0~78                                                                                    |
| Antenna Type / Gain                     | PCB Antenna type with gain 3.7 dBi                                                                      |
| Type of Modulation                      | Bluetooth BR (1Mbps) : GFSK<br>Bluetooth EDR (2Mbps) : $\pi/4$ -DQPSK<br>Bluetooth EDR (3Mbps) : 8-DPSK |

### 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.

|                    |                                                                                                                                                |                     |                                   |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-----------------------------------|
| Test Firm          | Sporton International Inc. (Kunshan)                                                                                                           |                     |                                   |
| Test Site Location | No. 1098, Pengxi North Road, Kunshan Economic Development Zone<br>Jiangsu Province 215300 People's Republic of China<br>TEL : +86-512-57900158 |                     |                                   |
| Test Site No.      | Sporton Site No.                                                                                                                               | FCC Designation No. | FCC Test Firm<br>Registration No. |
|                    | 03CH05-KS                                                                                                                                      | CN1257              | 314309                            |

## 1.7 Test Software

| Item | Site      | Manufacturer | Name | Version |
|------|-----------|--------------|------|---------|
| 1.   | 03CH05-KS | AUDIX        | E3   | 210616  |

## 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:** All test items were verified and recorded according to the standards and without any deviation during the test.



## 2 Test Configuration of Equipment Under Test

### 2.1 Carrier Frequency Channel

| Frequency Band  | Channel | Freq.<br>(MHz) | Channel | Freq.<br>(MHz) | Channel | Freq.<br>(MHz) |
|-----------------|---------|----------------|---------|----------------|---------|----------------|
| 2400-2483.5 MHz | 0       | 2402           | 27      | 2429           | 54      | 2456           |
|                 | 1       | 2403           | 28      | 2430           | 55      | 2457           |
|                 | 2       | 2404           | 29      | 2431           | 56      | 2458           |
|                 | 3       | 2405           | 30      | 2432           | 57      | 2459           |
|                 | 4       | 2406           | 31      | 2433           | 58      | 2460           |
|                 | 5       | 2407           | 32      | 2434           | 59      | 2461           |
|                 | 6       | 2408           | 33      | 2435           | 60      | 2462           |
|                 | 7       | 2409           | 34      | 2436           | 61      | 2463           |
|                 | 8       | 2410           | 35      | 2437           | 62      | 2464           |
|                 | 9       | 2411           | 36      | 2438           | 63      | 2465           |
|                 | 10      | 2412           | 37      | 2439           | 64      | 2466           |
|                 | 11      | 2413           | 38      | 2440           | 65      | 2467           |
|                 | 12      | 2414           | 39      | 2441           | 66      | 2468           |
|                 | 13      | 2415           | 40      | 2442           | 67      | 2469           |
|                 | 14      | 2416           | 41      | 2443           | 68      | 2470           |
|                 | 15      | 2417           | 42      | 2444           | 69      | 2471           |
|                 | 16      | 2418           | 43      | 2445           | 70      | 2472           |
|                 | 17      | 2419           | 44      | 2446           | 71      | 2473           |
|                 | 18      | 2420           | 45      | 2447           | 72      | 2474           |
|                 | 19      | 2421           | 46      | 2448           | 73      | 2475           |
|                 | 20      | 2422           | 47      | 2449           | 74      | 2476           |
|                 | 21      | 2423           | 48      | 2450           | 75      | 2477           |
|                 | 22      | 2424           | 49      | 2451           | 76      | 2478           |
|                 | 23      | 2425           | 50      | 2452           | 77      | 2479           |
|                 | 24      | 2426           | 51      | 2453           | 78      | 2480           |
|                 | 25      | 2427           | 52      | 2454           | -       | -              |
|                 | 26      | 2428           | 53      | 2455           | -       | -              |

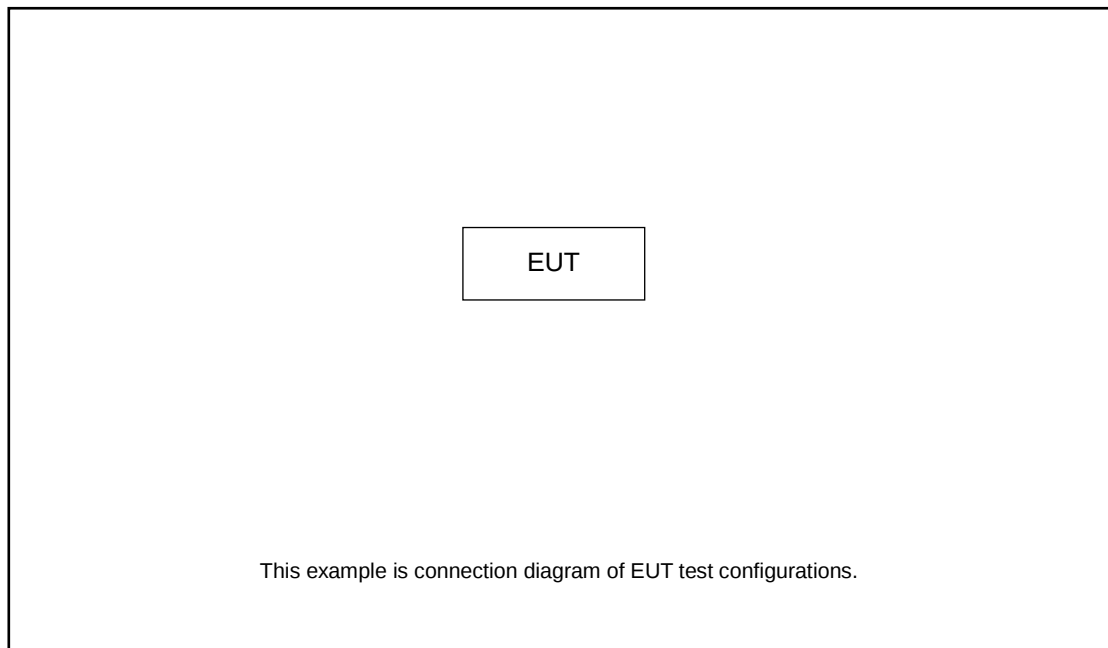
## 2.2 Test Mode

- 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: 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 (X plane) were recorded in this report, and the worst mode of radiated spurious emissions is Bluetooth 3Mbps mode, and recorded in this report.

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     |
| Radiated Test Cases                                                                                                                                                                                                                                 | Bluetooth EDR 3Mbps 8-DPSK |
|                                                                                                                                                                                                                                                     | Mode 1: CH78_2480 MHz      |
| <b>Remark:</b> For radiated test cases, the worst mode data rate 3Mbps was reported only, because this data rate has the highest RF output power at preliminary tests, and no other significantly frequencies found in conducted spurious emission. |                            |

## 2.3 Connection Diagram of Test System



## 2.4 EUT Operation Test Setup

For Bluetooth function, the engineering test program was provided and enabled to make EUT connect with Bluetooth base station to continuous transmit.

### 3 Test Result

#### 3.1 Radiated Band Edges and Spurious Emission Measurement

##### 3.1.1 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. In addition, radiated emissions which fall in the restricted bands must also comply with the limits as below.

| Frequency<br>(MHz) | Field Strength<br>(microvolts/meter) | Measurement Distance<br>(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                                |

##### 3.1.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.



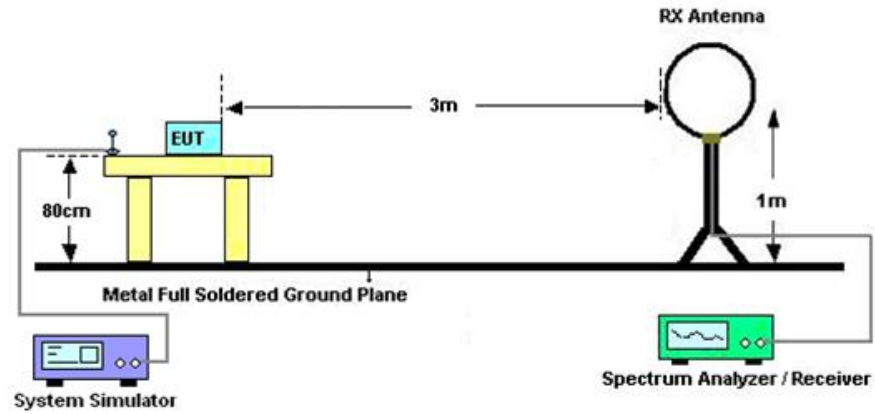
### 3.1.3 Test Procedures

1. 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.
1. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
2. For each suspected emission, 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 to comply with the guidelines.
3. Set to the maximum power setting and enable the EUT transmit continuously.
4. 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, RBW=1MHz for  $f > 1$ GHz ; VBW  $\geq$  RBW; Sweep = auto; Detector function = peak; Trace = max hold for peak
  - (3) For average measurement: use duty cycle correction factor method per 15.35(c).  
Duty cycle = On time/100 milliseconds  
$$\text{On time} = N_1 * L_1 + N_2 * L_2 + \dots + N_{n-1} * L_{n-1} + N_n * L_n$$
  
Where  $N_1$  is number of type 1 pulses,  $L_1$  is length of type 1 pulses, etc.  
Average Emission Level = Peak Emission Level +  $20 * \log(\text{Duty cycle})$
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.

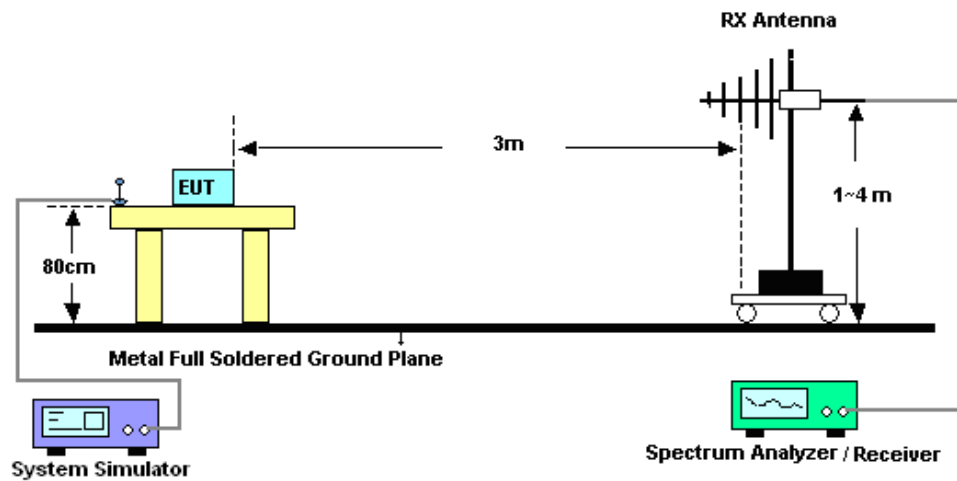
Note: The average levels were calculated from the peak level corrected with duty cycle correction factor (-24.79dB) derived from  $20 \log(\text{dwell time}/100\text{ms})$ . This correction is only for signals that hop with the fundamental signal, such as band-edge and harmonic. Other spurious signals that are independent of the hopping signal would not use this correction.

### 3.1.4 Test Setup

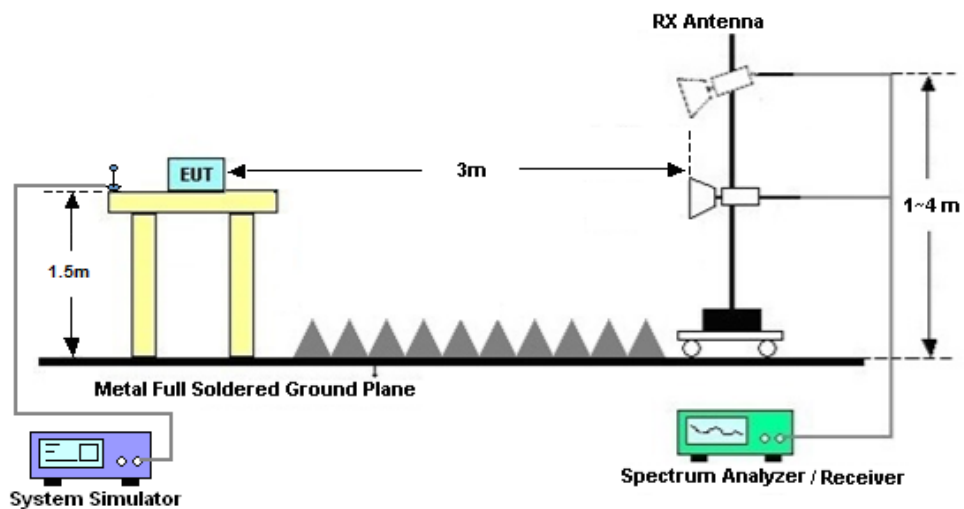
For radiated emissions below 30MHz



For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz





### **3.1.5 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.

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

Please refer to Appendix A.

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

Please refer to Appendix A.

### **3.1.8 Duty cycle correction factor for average measurement**

Please refer to Appendix B.



## **3.2 Antenna Requirements**

### **3.2.1 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.

### **3.2.2 Antenna Anti-Replacement Construction**

An embedded-in antenna design is used.

### **3.2.3 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                |
|---------------------------|--------------|-----------|------------|----------------------|------------------|---------------|---------------|-----------------------|
| EMI Test Receiver         | Keysight     | N9038A    | MY57290151 | 3Hz~8.5GHz;Max 30dBm | Jul. 04, 2024    | Oct. 14, 2024 | Jul. 03, 2025 | Radiation (03CH05-KS) |
| EXA Spectrum Analyzer     | Keysight     | N9010B    | MY60242126 | 10Hz~44G,MAX 30dB    | Oct. 10, 2024    | Oct. 14, 2024 | Oct. 09, 2025 | Radiation (03CH05-KS) |
| Loop Antenna              | R&S          | HFH2-Z2E  | 101125     | 9kHz~30MHz           | Sep. 08, 2024    | Oct. 14, 2024 | Sep. 07, 2025 | Radiation (03CH05-KS) |
| Bilog Antenna             | TeseQ        | CBL6111D  | 49921      | 30MHz~1GHz           | Apr. 18, 2024    | Oct. 14, 2024 | Apr. 17, 2025 | Radiation (03CH05-KS) |
| Double Ridge Horn Antenna | ETS-Lindgren | 3117      | 00218642   | 1GHz~18GHz           | Apr. 11, 2024    | Oct. 14, 2024 | Apr. 10, 2025 | Radiation (03CH05-KS) |
| SHF-EHF Horn              | Com-power    | AH-840    | 101093     | 18GHz~40GHz          | Jan. 06, 2024    | Oct. 14, 2024 | Jan. 05, 2025 | Radiation (03CH05-KS) |
| Amplifier                 | SONOMA       | 310N      | 381512     | 9KHz~1GHz            | Jan. 02, 2024    | Oct. 14, 2024 | Jan. 01, 2025 | Radiation (03CH05-KS) |
| Amplifier                 | EM           | EM18G40GA | 060852     | 18~40GHz             | Jan. 02, 2024    | Oct. 14, 2024 | Jan. 01, 2025 | Radiation (03CH05-KS) |
| high gain Amplifier       | EM           | EM01G18GA | 060843     | 1Ghz~18Ghz           | Jan. 03, 2024    | Oct. 14, 2024 | Jan. 02, 2025 | Radiation (03CH05-KS) |
| Amplifier                 | EM           | EM01G18GA | 060833     | 1Ghz~18Ghz           | Jan. 03, 2024    | Oct. 14, 2024 | Jan. 02, 2025 | Radiation (03CH05-KS) |
| AC Power Source           | Chroma       | 61601     | F104090004 | N/A                  | NCR              | Oct. 14, 2024 | NCR           | Radiation (03CH05-KS) |
| Turn Table                | ChamPro      | EM 1000-T | 060762-T   | 0~360 degree         | NCR              | Oct. 14, 2024 | NCR           | Radiation (03CH05-KS) |
| Antenna Mast              | ChamPro      | EM 1000-A | 060762-A   | 1 m~4 m              | NCR              | Oct. 14, 2024 | NCR           | Radiation (03CH05-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 Radiated Emission Measurement (9 KHz ~ 30 MHz)

|                                                                         |        |
|-------------------------------------------------------------------------|--------|
| Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ ) | 3.30dB |
|-------------------------------------------------------------------------|--------|

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

|                                                                         |        |
|-------------------------------------------------------------------------|--------|
| Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ ) | 6.02dB |
|-------------------------------------------------------------------------|--------|

### Uncertainty of Radiated Emission Measurement (1 GHz ~ 18 GHz)

|                                                                         |        |
|-------------------------------------------------------------------------|--------|
| Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ ) | 5.22dB |
|-------------------------------------------------------------------------|--------|

### Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

|                                                                         |        |
|-------------------------------------------------------------------------|--------|
| Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ ) | 5.34dB |
|-------------------------------------------------------------------------|--------|

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



## Appendix A. Radiated Spurious Emission Test Data

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

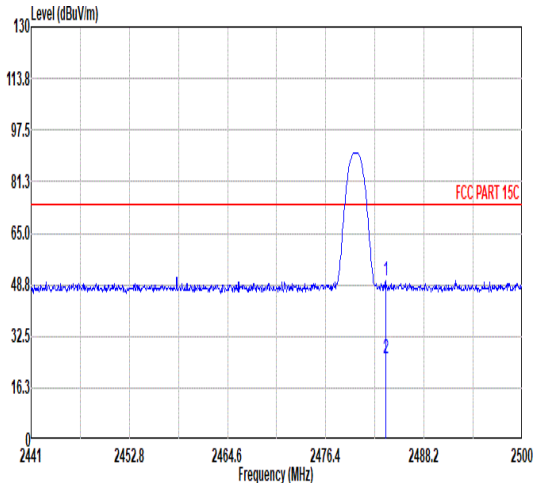
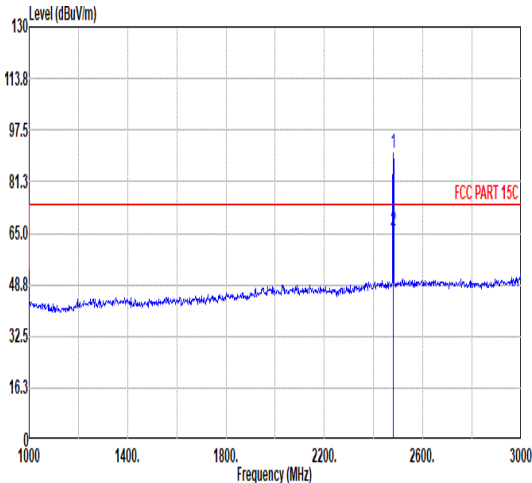
## Radiated Spurious Emission Test Modes

| Mode   | Band (MHz)  | Modulation           | Channel | Frequency | Data Rate | RU | Remark |
|--------|-------------|----------------------|---------|-----------|-----------|----|--------|
| Mode 1 | 2400-2483.5 | Bluetooth EDR_8-DPSK | 78      | 2480      | -         | -  | -      |

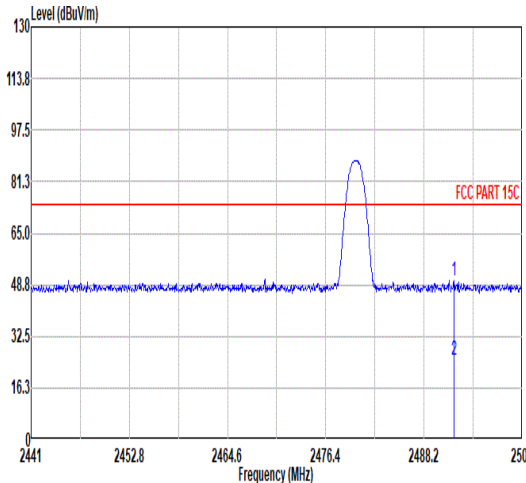
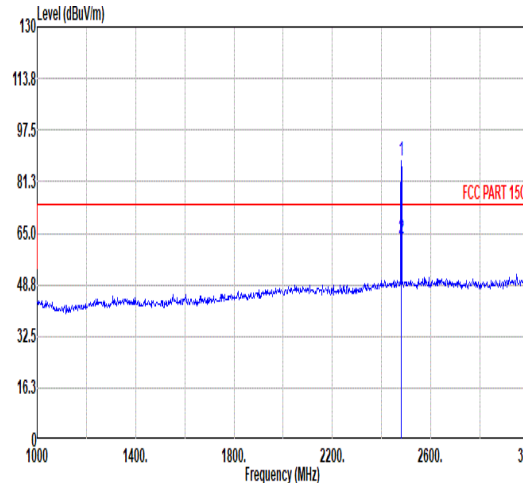
## Summary of each worse mode

| Mode | Modulation           | Ch. | Freq. (MHz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Pol. | Peak Avg. | Result | Remark    |
|------|----------------------|-----|-------------|----------------|----------------|-------------|------|-----------|--------|-----------|
| 1    | Bluetooth EDR_8-DPSK | 78  | 2483.60     | 50.25          | 74.00          | -23.75      | H    | PEAK      | Pass   | Band Edge |
| 1    | Bluetooth EDR_8-DPSK | 78  | 7440.00     | 43.40          | 74.00          | -30.60      | H    | Peak      | Pass   | Harmonic  |



| Mode | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |             |              |             |             |        |      |       |        |     |    |             |                                                                                     |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |    |      |   |         |       |       |        |       |       |      |       |      |     |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |       |       |       |      |       |      |     |    |      |   |         |       |       |       |       |       |      |       |      |     |    |         |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------|-------------|-------------|--------|------|-------|--------|-----|----|-------------|-------------------------------------------------------------------------------------|------|-----|-------|--------|-----|------|------|--|------|-------|-------------|--------------|-------------|-------------|--------|--|--|--------|--|-----|--------|--------|----|------|------|----|----|----|-----|---|---------|-------|-------|--------|-------|-------|------|-------|------|-----|----|------|---|---------|-------|-------|--------|-------|-------|------|-------|------|-----|----|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------|------|-----|-------|--------|-----|------|------|--|------|-------|-------------|--------------|-------------|-------------|--------|--|--|--------|--|-----|--------|--------|----|------|------|----|----|----|-----|---|---------|-------|-------|-------|-------|-------|------|-------|------|-----|----|------|---|---------|-------|-------|-------|-------|-------|------|-------|------|-----|----|---------|
|      | Band Edge                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |             |              |             |             |        |      |       |        |     |    |             |                                                                                     |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |    |      |   |         |       |       |        |       |       |      |       |      |     |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |       |       |       |      |       |      |     |    |      |   |         |       |       |       |       |       |      |       |      |     |    |         |
|      | 2400-2483.5_Bluetooth EDR_8-DPSK_CH78_2480MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |             |              |             |             |        |      |       |        |     |    |             |                                                                                     |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |    |      |   |         |       |       |        |       |       |      |       |      |     |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |       |       |       |      |       |      |     |    |      |   |         |       |       |       |       |       |      |       |      |     |    |         |
| Pol. | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |             |              |             |             |        |      |       |        |     |    | Fundamental |                                                                                     |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |    |      |   |         |       |       |        |       |       |      |       |      |     |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |       |       |       |      |       |      |     |    |      |   |         |       |       |       |       |       |      |       |      |     |    |         |
| Peak |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |             |              |             |             |        |      |       |        |     |    |             |  |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |    |      |   |         |       |       |        |       |       |      |       |      |     |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |       |       |       |      |       |      |     |    |      |   |         |       |       |       |       |       |      |       |      |     |    |         |
|      | <table><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></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><th>Remark</th></tr><tr><th></th><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><tr><td>1</td><td>2483.60</td><td>50.25</td><td>74.00</td><td>-23.75</td><td>41.37</td><td>32.47</td><td>7.26</td><td>36.85</td><td>6.00</td><td>122</td><td>28</td><td>PEAK</td></tr><tr><td>2</td><td>2483.60</td><td>25.46</td><td>54.00</td><td>-28.54</td><td>16.58</td><td>32.47</td><td>7.26</td><td>36.85</td><td>6.00</td><td>122</td><td>28</td><td>AVERAGE</td></tr></table> |             |              |             |             |        |      |       |        |     |    |             | Limit                                                                               | Read | Ant | Cable | Preamp | Aux | APos | TPos |  | Freq | Level | Line Margin | Level Factor | Loss Factor | Loss Factor | Factor |  |  | Remark |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 2483.60 | 50.25 | 74.00 | -23.75 | 41.37 | 32.47 | 7.26 | 36.85 | 6.00 | 122 | 28 | PEAK | 2 | 2483.60 | 25.46 | 54.00 | -28.54 | 16.58 | 32.47 | 7.26 | 36.85 | 6.00 | 122 | 28 | AVERAGE | <table><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></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><th>Remark</th></tr><tr><th></th><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><tr><td>1</td><td>2480.00</td><td>90.50</td><td>-----</td><td>-----</td><td>81.65</td><td>32.46</td><td>7.25</td><td>36.86</td><td>6.00</td><td>122</td><td>28</td><td>PEAK</td></tr><tr><td>2</td><td>2480.00</td><td>65.71</td><td>-----</td><td>-----</td><td>56.86</td><td>32.46</td><td>7.25</td><td>36.86</td><td>6.00</td><td>122</td><td>28</td><td>AVERAGE</td></tr></table> |  | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos |  | Freq | Level | Line Margin | Level Factor | Loss Factor | Loss Factor | Factor |  |  | Remark |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 2480.00 | 90.50 | ----- | ----- | 81.65 | 32.46 | 7.25 | 36.86 | 6.00 | 122 | 28 | PEAK | 2 | 2480.00 | 65.71 | ----- | ----- | 56.86 | 32.46 | 7.25 | 36.86 | 6.00 | 122 | 28 | AVERAGE |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Limit       | Read         | Ant         | Cable       | Preamp | Aux  | APos  | TPos   |     |    |             |                                                                                     |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |    |      |   |         |       |       |        |       |       |      |       |      |     |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |       |       |       |      |       |      |     |    |      |   |         |       |       |       |       |       |      |       |      |     |    |         |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Line Margin | Level Factor | Loss Factor | Loss Factor | Factor |      |       | Remark |     |    |             |                                                                                     |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |    |      |   |         |       |       |        |       |       |      |       |      |     |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |       |       |       |      |       |      |     |    |      |   |         |       |       |       |       |       |      |       |      |     |    |         |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | dBuV/m      | dBuV/m       | dB          | dBuV        | dB/m   | dB   | dB    | cm     | deg |    |             |                                                                                     |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |    |      |   |         |       |       |        |       |       |      |       |      |     |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |       |       |       |      |       |      |     |    |      |   |         |       |       |       |       |       |      |       |      |     |    |         |
| 1    | 2483.60                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 50.25       | 74.00        | -23.75      | 41.37       | 32.47  | 7.26 | 36.85 | 6.00   | 122 | 28 | PEAK        |                                                                                     |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |    |      |   |         |       |       |        |       |       |      |       |      |     |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |       |       |       |      |       |      |     |    |      |   |         |       |       |       |       |       |      |       |      |     |    |         |
| 2    | 2483.60                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 25.46       | 54.00        | -28.54      | 16.58       | 32.47  | 7.26 | 36.85 | 6.00   | 122 | 28 | AVERAGE     |                                                                                     |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |    |      |   |         |       |       |        |       |       |      |       |      |     |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |       |       |       |      |       |      |     |    |      |   |         |       |       |       |       |       |      |       |      |     |    |         |
|      | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Read        | Ant          | Cable       | Preamp      | Aux    | APos | TPos  |        |     |    |             |                                                                                     |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |    |      |   |         |       |       |        |       |       |      |       |      |     |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |       |       |       |      |       |      |     |    |      |   |         |       |       |       |       |       |      |       |      |     |    |         |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Line Margin | Level Factor | Loss Factor | Loss Factor | Factor |      |       | Remark |     |    |             |                                                                                     |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |    |      |   |         |       |       |        |       |       |      |       |      |     |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |       |       |       |      |       |      |     |    |      |   |         |       |       |       |       |       |      |       |      |     |    |         |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | dBuV/m      | dBuV/m       | dB          | dBuV        | dB/m   | dB   | dB    | cm     | deg |    |             |                                                                                     |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |    |      |   |         |       |       |        |       |       |      |       |      |     |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |       |       |       |      |       |      |     |    |      |   |         |       |       |       |       |       |      |       |      |     |    |         |
| 1    | 2480.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 90.50       | -----        | -----       | 81.65       | 32.46  | 7.25 | 36.86 | 6.00   | 122 | 28 | PEAK        |                                                                                     |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |    |      |   |         |       |       |        |       |       |      |       |      |     |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |       |       |       |      |       |      |     |    |      |   |         |       |       |       |       |       |      |       |      |     |    |         |
| 2    | 2480.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 65.71       | -----        | -----       | 56.86       | 32.46  | 7.25 | 36.86 | 6.00   | 122 | 28 | AVERAGE     |                                                                                     |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |    |      |   |         |       |       |        |       |       |      |       |      |     |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |       |       |       |      |       |      |     |    |      |   |         |       |       |       |       |       |      |       |      |     |    |         |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |             |              |             |             |        |      |       |        |     |    |             |                                                                                     |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |    |      |   |         |       |       |        |       |       |      |       |      |     |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |       |       |       |      |       |      |     |    |      |   |         |       |       |       |       |       |      |       |      |     |    |         |

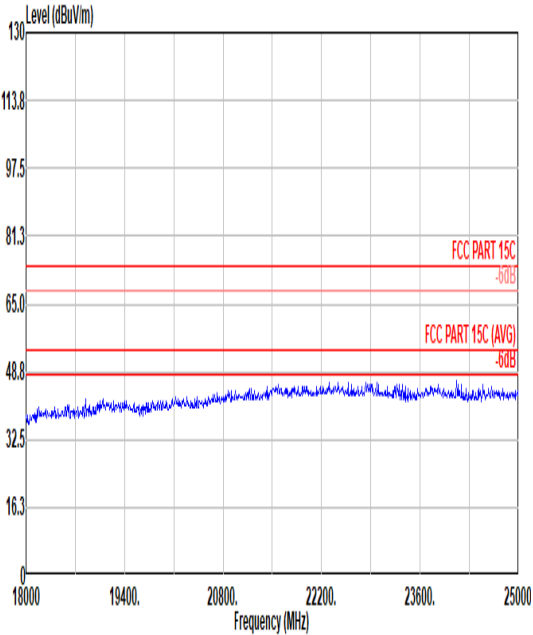
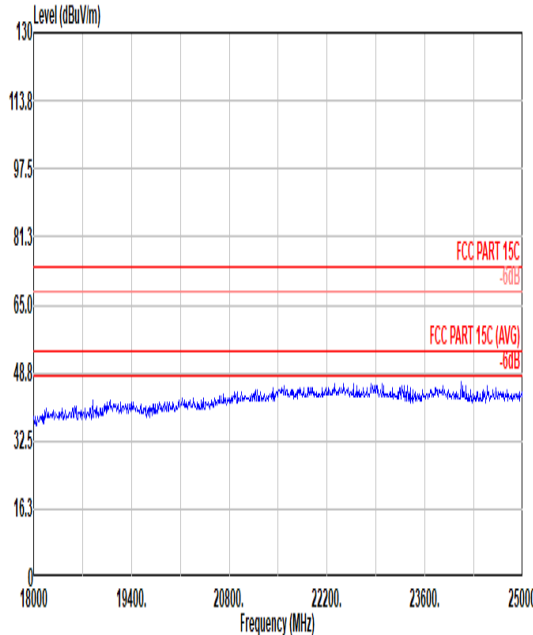


| Mode | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |             |              |             |             |        |      |       |        |     |     |         |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |     |      |   |         |       |       |        |       |       |      |       |      |     |     |         |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------|-------------|-------------|--------|------|-------|--------|-----|-----|---------|-------|------|-----|-------|--------|-----|------|------|--|------|-------|-------------|--------------|-------------|-------------|--------|--|--|--------|--|-----|--------|--------|----|------|------|----|----|----|-----|---|---------|-------|-------|--------|-------|-------|------|-------|------|-----|-----|------|---|---------|-------|-------|--------|-------|-------|------|-------|------|-----|-----|---------|
|      | Band Edge                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |             |              |             |             |        |      |       |        |     |     |         |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |     |      |   |         |       |       |        |       |       |      |       |      |     |     |         |
|      | 2400-2483.5_Bluetooth EDR_8-DPSK_CH78_2480MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |             |              |             |             |        |      |       |        |     |     |         |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |     |      |   |         |       |       |        |       |       |      |       |      |     |     |         |
| Pol. | Vertical                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |             |              |             |             |        |      |       |        |     |     |         |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |     |      |   |         |       |       |        |       |       |      |       |      |     |     |         |
| Peak |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |             |              |             |             |        |      |       |        |     |     |         |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |     |      |   |         |       |       |        |       |       |      |       |      |     |     |         |
|      | <table><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></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><th>Remark</th></tr><tr><th></th><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><tr><td>1</td><td>2491.80</td><td>49.82</td><td>74.00</td><td>-24.18</td><td>40.90</td><td>32.48</td><td>7.27</td><td>36.83</td><td>6.00</td><td>249</td><td>296</td><td>PEAK</td></tr><tr><td>2</td><td>2491.80</td><td>25.03</td><td>54.00</td><td>-28.97</td><td>16.11</td><td>32.48</td><td>7.27</td><td>36.83</td><td>6.00</td><td>249</td><td>296</td><td>AVERAGE</td></tr></table> |             |              |             |             |        |      |       |        |     |     |         | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos |  | Freq | Level | Line Margin | Level Factor | Loss Factor | Loss Factor | Factor |  |  | Remark |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 2491.80 | 49.82 | 74.00 | -24.18 | 40.90 | 32.48 | 7.27 | 36.83 | 6.00 | 249 | 296 | PEAK | 2 | 2491.80 | 25.03 | 54.00 | -28.97 | 16.11 | 32.48 | 7.27 | 36.83 | 6.00 | 249 | 296 | AVERAGE |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Limit       | Read         | Ant         | Cable       | Preamp | Aux  | APos  | TPos   |     |     |         |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |     |      |   |         |       |       |        |       |       |      |       |      |     |     |         |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Line Margin | Level Factor | Loss Factor | Loss Factor | Factor |      |       | Remark |     |     |         |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |     |      |   |         |       |       |        |       |       |      |       |      |     |     |         |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | dBuV/m      | dBuV/m       | dB          | dBuV        | dB/m   | dB   | dB    | cm     | deg |     |         |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |     |      |   |         |       |       |        |       |       |      |       |      |     |     |         |
| 1    | 2491.80                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 49.82       | 74.00        | -24.18      | 40.90       | 32.48  | 7.27 | 36.83 | 6.00   | 249 | 296 | PEAK    |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |     |      |   |         |       |       |        |       |       |      |       |      |     |     |         |
| 2    | 2491.80                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 25.03       | 54.00        | -28.97      | 16.11       | 32.48  | 7.27 | 36.83 | 6.00   | 249 | 296 | AVERAGE |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |     |      |   |         |       |       |        |       |       |      |       |      |     |     |         |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |             |              |             |             |        |      |       |        |     |     |         |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |     |      |   |         |       |       |        |       |       |      |       |      |     |     |         |
|      | Fundamental                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |             |              |             |             |        |      |       |        |     |     |         |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |     |      |   |         |       |       |        |       |       |      |       |      |     |     |         |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |             |              |             |             |        |      |       |        |     |     |         |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |     |      |   |         |       |       |        |       |       |      |       |      |     |     |         |
|      | <table><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></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><th>Remark</th></tr><tr><th></th><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><tr><td>1</td><td>2480.00</td><td>87.93</td><td>-----</td><td>-----</td><td>79.08</td><td>32.46</td><td>7.25</td><td>36.86</td><td>6.00</td><td>249</td><td>296</td><td>PEAK</td></tr><tr><td>2</td><td>2480.00</td><td>63.14</td><td>-----</td><td>-----</td><td>54.29</td><td>32.46</td><td>7.25</td><td>36.86</td><td>6.00</td><td>249</td><td>296</td><td>AVERAGE</td></tr></table>   |             |              |             |             |        |      |       |        |     |     |         | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos |  | Freq | Level | Line Margin | Level Factor | Loss Factor | Loss Factor | Factor |  |  | Remark |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 2480.00 | 87.93 | ----- | -----  | 79.08 | 32.46 | 7.25 | 36.86 | 6.00 | 249 | 296 | PEAK | 2 | 2480.00 | 63.14 | ----- | -----  | 54.29 | 32.46 | 7.25 | 36.86 | 6.00 | 249 | 296 | AVERAGE |
|      | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Read        | Ant          | Cable       | Preamp      | Aux    | APos | TPos  |        |     |     |         |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |     |      |   |         |       |       |        |       |       |      |       |      |     |     |         |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Line Margin | Level Factor | Loss Factor | Loss Factor | Factor |      |       | Remark |     |     |         |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |     |      |   |         |       |       |        |       |       |      |       |      |     |     |         |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | dBuV/m      | dBuV/m       | dB          | dBuV        | dB/m   | dB   | dB    | cm     | deg |     |         |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |     |      |   |         |       |       |        |       |       |      |       |      |     |     |         |
| 1    | 2480.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 87.93       | -----        | -----       | 79.08       | 32.46  | 7.25 | 36.86 | 6.00   | 249 | 296 | PEAK    |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |     |      |   |         |       |       |        |       |       |      |       |      |     |     |         |
| 2    | 2480.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 63.14       | -----        | -----       | 54.29       | 32.46  | 7.25 | 36.86 | 6.00   | 249 | 296 | AVERAGE |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |     |      |   |         |       |       |        |       |       |      |       |      |     |     |         |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |             |              |             |             |        |      |       |        |     |     |         |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |      |     |     |      |   |         |       |       |        |       |       |      |       |      |     |     |         |

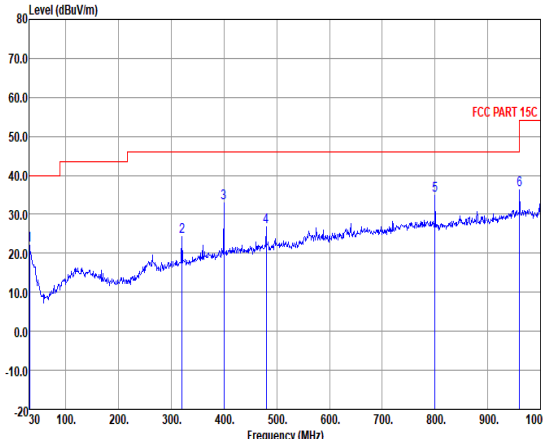
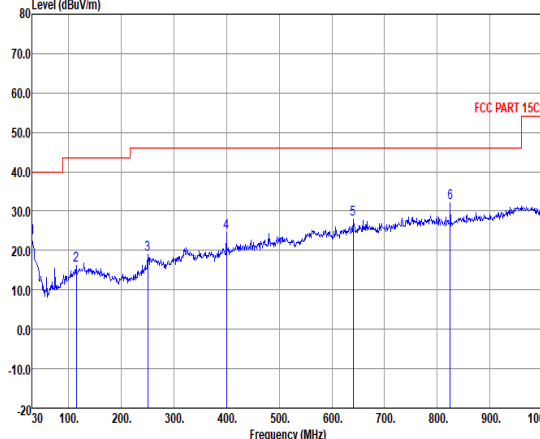


| Mode        | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |        |        |        |        |       |        |        |        |            |  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |            |   |         |       |       |        |       |       |       |       |      |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|--------|--------|-------|--------|--------|--------|------------|--|--|-------|------|-----|-------|--------|-----|------|------|--|------|-------|------|--------|-------|--------|------|--------|--------|--------|-----|--------|--------|----|------|------|----|----|----|----|-----|---|---------|-------|-------|--------|-------|-------|-------|-------|------|------------|---|---------|-------|-------|--------|-------|-------|-------|-------|------|
|             | Harmonic                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |        |        |        |        |       |        |        |        |            |  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |            |   |         |       |       |        |       |       |       |       |      |
|             | 2400-2483.5_Bluetooth EDR_8-DPSK_CH78_2480MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |        |        |        |        |       |        |        |        |            |  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |            |   |         |       |       |        |       |       |       |       |      |
| Pol.        | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |        |        |        |        |       |        |        |        |            |  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |            |   |         |       |       |        |       |       |       |       |      |
| Peak<br>Avg |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |        |        |        |        |       |        |        |        |            |  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |            |   |         |       |       |        |       |       |       |       |      |
|             | <table><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></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>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>cm</th><th>deg</th></tr><tr><td>1</td><td>4960.00</td><td>40.99</td><td>74.00</td><td>-33.01</td><td>61.96</td><td>34.22</td><td>10.40</td><td>65.59</td><td>0.00</td><td>-- -- PEAK</td></tr><tr><td>2</td><td>7440.00</td><td>42.45</td><td>74.00</td><td>-31.55</td><td>60.50</td><td>35.00</td><td>12.78</td><td>66.63</td><td>0.00</td><td>-- -- PEAK</td></tr></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 | dB | cm | deg | 1 | 4960.00 | 40.99 | 74.00 | -33.01 | 61.96 | 34.22 | 10.40 | 65.59 | 0.00 | -- -- PEAK | 2 | 7440.00 | 42.45 | 74.00 | -31.55 | 60.50 | 35.00 | 12.78 | 66.63 | 0.00 |
|             | 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     | dB     | cm     | deg        |  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |            |   |         |       |       |        |       |       |       |       |      |
| 1           | 4960.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 40.99  | 74.00  | -33.01 | 61.96  | 34.22 | 10.40  | 65.59  | 0.00   | -- -- PEAK |  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |            |   |         |       |       |        |       |       |       |       |      |
| 2           | 7440.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 42.45  | 74.00  | -31.55 | 60.50  | 35.00 | 12.78  | 66.63  | 0.00   | -- -- PEAK |  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |            |   |         |       |       |        |       |       |       |       |      |
|             | Vertical                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |        |        |        |        |       |        |        |        |            |  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |            |   |         |       |       |        |       |       |       |       |      |
| Peak<br>Avg |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |        |        |        |        |       |        |        |        |            |  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |            |   |         |       |       |        |       |       |       |       |      |
|             | <table><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></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>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>cm</th><th>deg</th></tr><tr><td>1</td><td>4960.00</td><td>43.17</td><td>74.00</td><td>-30.83</td><td>64.14</td><td>34.22</td><td>10.40</td><td>65.59</td><td>0.00</td><td>-- -- PEAK</td></tr><tr><td>2</td><td>7440.00</td><td>43.40</td><td>74.00</td><td>-30.60</td><td>61.45</td><td>35.00</td><td>12.78</td><td>66.63</td><td>0.00</td><td>-- -- PEAK</td></tr></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 | dB | cm | deg | 1 | 4960.00 | 43.17 | 74.00 | -30.83 | 64.14 | 34.22 | 10.40 | 65.59 | 0.00 | -- -- PEAK | 2 | 7440.00 | 43.40 | 74.00 | -30.60 | 61.45 | 35.00 | 12.78 | 66.63 | 0.00 |
|             | 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     | dB     | cm     | deg        |  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |            |   |         |       |       |        |       |       |       |       |      |
| 1           | 4960.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 43.17  | 74.00  | -30.83 | 64.14  | 34.22 | 10.40  | 65.59  | 0.00   | -- -- PEAK |  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |            |   |         |       |       |        |       |       |       |       |      |
| 2           | 7440.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 43.40  | 74.00  | -30.60 | 61.45  | 35.00 | 12.78  | 66.63  | 0.00   | -- -- PEAK |  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |            |   |         |       |       |        |       |       |       |       |      |



|             |                                                                                    |                                                                                     |
|-------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Mode        | 1                                                                                  |                                                                                     |
|             | 18G-25G                                                                            |                                                                                     |
|             | 2400-2483.5_Bluetooth EDR_8-DPSK_CH78_2480MHz                                      |                                                                                     |
| Pol.        | Horizontal                                                                         | Vertical                                                                            |
| Peak<br>Avg |  |  |

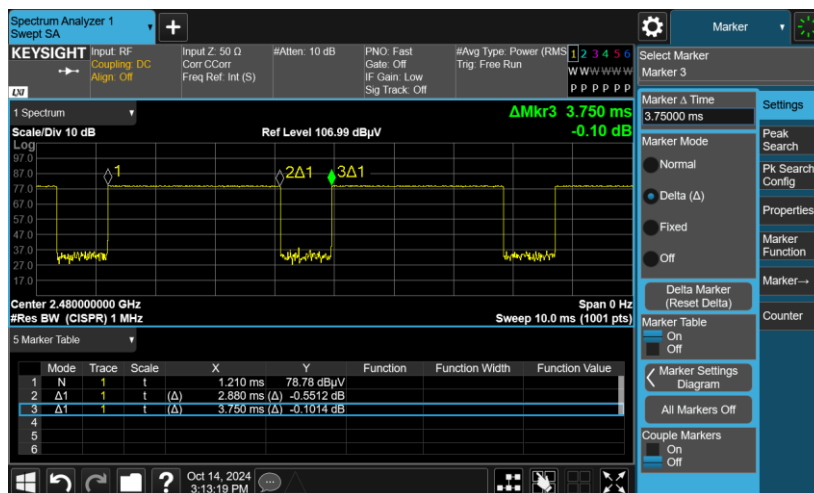


| Mode                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |        |        |        |             |             |        |        |       |       |        |        |       |       |       |             |             |        |        |       |       |        |        |        |        |        |      |      |      |    |    |    |     |     |   |       |       |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|--------|-------------|-------------|--------|--------|-------|-------|--------|--------|-------|-------|-------|-------------|-------------|--------|--------|-------|-------|--------|--------|--------|--------|--------|------|------|------|----|----|----|-----|-----|---|-------|-------|-------|--------|--------|-------|-------|-------|-------|------|------|------|--------|--------|-------|--------|--------|-------|-------|-------|-------|------|------|------|--------|--------|-------|--------|--------|-------|-------|-------|-------|------|------|------|--------|--------|-------|--------|--------|-------|-------|-------|-------|------|------|------|--------|--------|-------|--------|--------|-------|-------|-------|-------|------|------|------|--------|--------|-------|--------|--------|-------|-------|-------|-------|------|------|------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 30M-1G                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |        |        |        |             |             |        |        |       |       |        |        |       |       |       |             |             |        |        |       |       |        |        |        |        |        |      |      |      |    |    |    |     |     |   |       |       |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2400-2483.5_Bluetooth EDR_8-DPSK_CH78_2480MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |        |        |        |             |             |        |        |       |       |        |        |       |       |       |             |             |        |        |       |       |        |        |        |        |        |      |      |      |    |    |    |     |     |   |       |       |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |
| Pol.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |        |        |        |             |             |        |        |       |       |        |        |       |       |       |             |             |        |        |       |       |        |        |        |        |        |      |      |      |    |    |    |     |     |   |       |       |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |
| Peak                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        |        |        |             |             |        |        |       |       |        |        |       |       |       |             |             |        |        |       |       |        |        |        |        |        |      |      |      |    |    |    |     |     |   |       |       |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <table><tr><th></th><th>Freq</th><th>Level</th><th>Limit</th><th>Over</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>A/Pos</th><th>T/Pos</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>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>30.97</td><td>22.04</td><td>40.00</td><td>-17.96</td><td>29.29</td><td>24.79</td><td>0.76</td><td>32.80</td><td>0.00</td><td>---</td><td>Peak</td></tr><tr><td>2</td><td>320.03</td><td>24.36</td><td>46.00</td><td>-21.64</td><td>34.96</td><td>19.61</td><td>2.63</td><td>32.84</td><td>0.00</td><td>---</td><td>Peak</td></tr><tr><td>3</td><td>399.57</td><td>33.01</td><td>46.00</td><td>-12.99</td><td>41.23</td><td>21.81</td><td>3.00</td><td>33.03</td><td>0.00</td><td>---</td><td>Peak</td></tr><tr><td>4</td><td>480.08</td><td>26.81</td><td>46.00</td><td>-19.19</td><td>33.23</td><td>23.55</td><td>3.14</td><td>33.11</td><td>0.00</td><td>---</td><td>Peak</td></tr><tr><td>5</td><td>800.18</td><td>34.94</td><td>46.00</td><td>-11.06</td><td>35.31</td><td>28.42</td><td>4.22</td><td>33.01</td><td>0.00</td><td>---</td><td>Peak</td></tr><tr><td>6</td><td>960.23</td><td>36.21</td><td>54.00</td><td>-17.79</td><td>32.16</td><td>31.00</td><td>4.61</td><td>31.56</td><td>0.00</td><td>---</td><td>Peak</td></tr></table> |        |        |        |             |             |        |        |       |       |        |        | Freq  | Level | Limit | Over        | ReadAntenna | Cable  | Preamp | Aux   | A/Pos | T/Pos  | Remark | MHz    | dBuV/m | dBuV/m | dB   | dBuV | dB/m | dB | dB | dB | cm  | deg |   | 1     | 30.97 | 22.04 | 40.00  | -17.96 | 29.29 | 24.79 | 0.76  | 32.80 | 0.00 | ---  | Peak | 2      | 320.03 | 24.36 | 46.00  | -21.64 | 34.96 | 19.61 | 2.63  | 32.84 | 0.00 | ---  | Peak | 3      | 399.57 | 33.01 | 46.00  | -12.99 | 41.23 | 21.81 | 3.00  | 33.03 | 0.00 | ---  | Peak | 4      | 480.08 | 26.81 | 46.00  | -19.19 | 33.23 | 23.55 | 3.14  | 33.11 | 0.00 | ---  | Peak | 5      | 800.18 | 34.94 | 46.00  | -11.06 | 35.31 | 28.42 | 4.22  | 33.01 | 0.00 | ---  | Peak | 6      | 960.23 | 36.21 | 54.00  | -17.79 | 32.16 | 31.00 | 4.61  | 31.56 | 0.00 | ---  | Peak |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Freq   | Level  | Limit  | Over        | ReadAntenna | Cable  | Preamp | Aux   | A/Pos | T/Pos  | Remark |       |       |       |             |             |        |        |       |       |        |        |        |        |        |      |      |      |    |    |    |     |     |   |       |       |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | dBuV/m | dBuV/m | dB     | dBuV        | dB/m        | dB     | dB     | dB    | cm    | deg    |        |       |       |       |             |             |        |        |       |       |        |        |        |        |        |      |      |      |    |    |    |     |     |   |       |       |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 30.97  | 22.04  | 40.00  | -17.96      | 29.29       | 24.79  | 0.76   | 32.80 | 0.00  | ---    | Peak   |       |       |       |             |             |        |        |       |       |        |        |        |        |        |      |      |      |    |    |    |     |     |   |       |       |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 320.03 | 24.36  | 46.00  | -21.64      | 34.96       | 19.61  | 2.63   | 32.84 | 0.00  | ---    | Peak   |       |       |       |             |             |        |        |       |       |        |        |        |        |        |      |      |      |    |    |    |     |     |   |       |       |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 399.57 | 33.01  | 46.00  | -12.99      | 41.23       | 21.81  | 3.00   | 33.03 | 0.00  | ---    | Peak   |       |       |       |             |             |        |        |       |       |        |        |        |        |        |      |      |      |    |    |    |     |     |   |       |       |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 480.08 | 26.81  | 46.00  | -19.19      | 33.23       | 23.55  | 3.14   | 33.11 | 0.00  | ---    | Peak   |       |       |       |             |             |        |        |       |       |        |        |        |        |        |      |      |      |    |    |    |     |     |   |       |       |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 800.18 | 34.94  | 46.00  | -11.06      | 35.31       | 28.42  | 4.22   | 33.01 | 0.00  | ---    | Peak   |       |       |       |             |             |        |        |       |       |        |        |        |        |        |      |      |      |    |    |    |     |     |   |       |       |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 960.23 | 36.21  | 54.00  | -17.79      | 32.16       | 31.00  | 4.61   | 31.56 | 0.00  | ---    | Peak   |       |       |       |             |             |        |        |       |       |        |        |        |        |        |      |      |      |    |    |    |     |     |   |       |       |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |
| Vertical                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |        |        |        |             |             |        |        |       |       |        |        |       |       |       |             |             |        |        |       |       |        |        |        |        |        |      |      |      |    |    |    |     |     |   |       |       |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |        |        |        |             |             |        |        |       |       |        |        |       |       |       |             |             |        |        |       |       |        |        |        |        |        |      |      |      |    |    |    |     |     |   |       |       |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |
| <table><tr><th></th><th>Freq</th><th>Level</th><th>Limit</th><th>Over</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>A/Pos</th><th>T/Pos</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>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>30.00</td><td>23.04</td><td>40.00</td><td>-16.96</td><td>30.78</td><td>24.57</td><td>0.71</td><td>33.02</td><td>0.00</td><td>---</td><td>Peak</td></tr><tr><td>2</td><td>114.39</td><td>16.32</td><td>43.50</td><td>-27.18</td><td>30.69</td><td>16.88</td><td>1.61</td><td>32.86</td><td>0.00</td><td>---</td><td>Peak</td></tr><tr><td>3</td><td>250.19</td><td>19.02</td><td>46.00</td><td>-26.98</td><td>30.95</td><td>18.42</td><td>2.42</td><td>32.77</td><td>0.00</td><td>---</td><td>Peak</td></tr><tr><td>4</td><td>399.57</td><td>24.60</td><td>46.00</td><td>-21.40</td><td>32.71</td><td>21.67</td><td>3.05</td><td>32.83</td><td>0.00</td><td>---</td><td>Peak</td></tr><tr><td>5</td><td>640.13</td><td>27.07</td><td>46.00</td><td>-18.13</td><td>31.81</td><td>25.17</td><td>3.86</td><td>32.97</td><td>0.00</td><td>---</td><td>Peak</td></tr><tr><td>6</td><td>824.43</td><td>32.22</td><td>46.00</td><td>-13.78</td><td>33.98</td><td>26.42</td><td>4.38</td><td>32.56</td><td>0.00</td><td>---</td><td>Peak</td></tr></table> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |        |        |        |             |             |        |        |       |       |        | Freq   | Level | Limit | Over  | ReadAntenna | Cable       | Preamp | Aux    | A/Pos | T/Pos | Remark | MHz    | dBuV/m | dBuV/m | dB     | dBuV | dB/m | dB   | dB | dB | cm | deg |     | 1 | 30.00 | 23.04 | 40.00 | -16.96 | 30.78  | 24.57 | 0.71  | 33.02 | 0.00  | ---  | Peak | 2    | 114.39 | 16.32  | 43.50 | -27.18 | 30.69  | 16.88 | 1.61  | 32.86 | 0.00  | ---  | Peak | 3    | 250.19 | 19.02  | 46.00 | -26.98 | 30.95  | 18.42 | 2.42  | 32.77 | 0.00  | ---  | Peak | 4    | 399.57 | 24.60  | 46.00 | -21.40 | 32.71  | 21.67 | 3.05  | 32.83 | 0.00  | ---  | Peak | 5    | 640.13 | 27.07  | 46.00 | -18.13 | 31.81  | 25.17 | 3.86  | 32.97 | 0.00  | ---  | Peak | 6    | 824.43 | 32.22  | 46.00 | -13.78 | 33.98  | 26.42 | 4.38  | 32.56 | 0.00  | ---  | Peak |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Level  | Limit  | Over   | ReadAntenna | Cable       | Preamp | Aux    | A/Pos | T/Pos | Remark |        |       |       |       |             |             |        |        |       |       |        |        |        |        |        |      |      |      |    |    |    |     |     |   |       |       |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |
| MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | dBuV/m | dB     | dBuV   | dB/m        | dB          | dB     | dB     | cm    | deg   |        |        |       |       |       |             |             |        |        |       |       |        |        |        |        |        |      |      |      |    |    |    |     |     |   |       |       |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 30.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 23.04  | 40.00  | -16.96 | 30.78       | 24.57       | 0.71   | 33.02  | 0.00  | ---   | Peak   |        |       |       |       |             |             |        |        |       |       |        |        |        |        |        |      |      |      |    |    |    |     |     |   |       |       |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 114.39                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 16.32  | 43.50  | -27.18 | 30.69       | 16.88       | 1.61   | 32.86  | 0.00  | ---   | Peak   |        |       |       |       |             |             |        |        |       |       |        |        |        |        |        |      |      |      |    |    |    |     |     |   |       |       |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 250.19                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 19.02  | 46.00  | -26.98 | 30.95       | 18.42       | 2.42   | 32.77  | 0.00  | ---   | Peak   |        |       |       |       |             |             |        |        |       |       |        |        |        |        |        |      |      |      |    |    |    |     |     |   |       |       |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 399.57                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 24.60  | 46.00  | -21.40 | 32.71       | 21.67       | 3.05   | 32.83  | 0.00  | ---   | Peak   |        |       |       |       |             |             |        |        |       |       |        |        |        |        |        |      |      |      |    |    |    |     |     |   |       |       |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 640.13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 27.07  | 46.00  | -18.13 | 31.81       | 25.17       | 3.86   | 32.97  | 0.00  | ---   | Peak   |        |       |       |       |             |             |        |        |       |       |        |        |        |        |        |      |      |      |    |    |    |     |     |   |       |       |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 824.43                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 32.22  | 46.00  | -13.78 | 33.98       | 26.42       | 4.38   | 32.56  | 0.00  | ---   | Peak   |        |       |       |       |             |             |        |        |       |       |        |        |        |        |        |      |      |      |    |    |    |     |     |   |       |       |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |        |        |       |        |        |       |       |       |       |      |      |      |

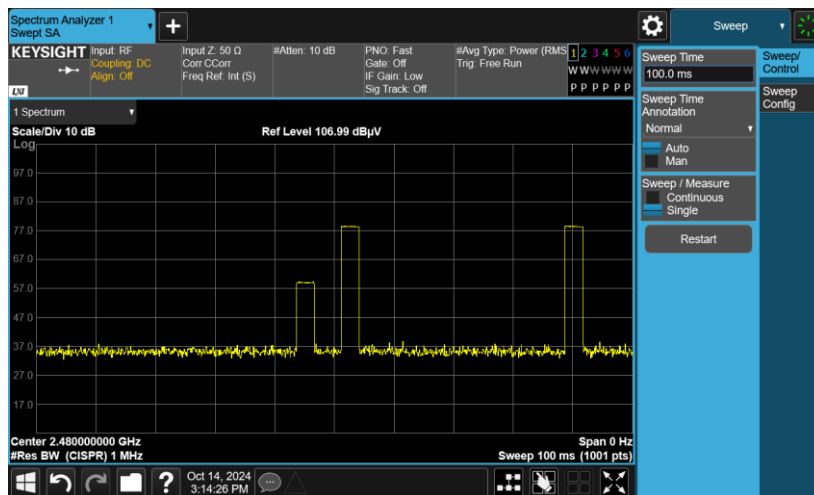


## Appendix B. Duty Cycle Plots

### 3DH5 on time (One Pulse) Plot on Channel 00



### 3DH5 on time (Count Pulses) Plot on Channel 00



#### Note:

1. Worst case Duty cycle = on time/100 milliseconds =  $2 * 2.88 / 100 = 5.76 \%$
2. Worst case Duty cycle correction factor =  $20 * \log(\text{Duty cycle}) = -24.79 \text{ dB}$
3. 3DH5 has the highest duty cycle worst case and is reported.