



# FCC RF Test Report

APPLICANT : COOSEA GROUP (HK) COMPANY LIMITED  
EQUIPMENT : Feature Phone  
BRAND NAME : Consumer Cellular  
MODEL NAME : SN331CC  
FCC ID : 2A28USN331CC  
STANDARD : FCC Part 15 Subpart C §15.247  
CLASSIFICATION : (DSS) Spread Spectrum Transmitter  
TEST DATE(S) : Dec. 30, 2025 ~ Jan. 08, 2026

We, Sporton International Inc. (Shenzhen), 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. (Shenzhen), the test report shall not be reproduced except in full.

*Fly Liang*



Approved by: Fly Liang

**Sporton International Inc. (ShenZhen)**

**1/F, 2/F, Bldg 5, Shiling Industrial Zone, Xinwei Village, Xili, Nanshan, Shenzhen, 518055**

**People's Republic of China**



## TABLE OF CONTENTS

|                                                                 |           |
|-----------------------------------------------------------------|-----------|
| <b>REVISION HISTORY.....</b>                                    | <b>3</b>  |
| <b>SUMMARY OF TEST RESULT .....</b>                             | <b>4</b>  |
| <b>1 GENERAL DESCRIPTION.....</b>                               | <b>5</b>  |
| 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         |
| <b>2 TEST CONFIGURATION OF EQUIPMENT UNDER TEST.....</b>        | <b>7</b>  |
| 2.1 Carrier Frequency Channel .....                             | 7         |
| 2.2 Test Mode.....                                              | 8         |
| 2.3 Connection Diagram of Test System.....                      | 9         |
| 2.4 Support Unit used in test configuration and system .....    | 10        |
| 2.5 EUT Operation Test Setup .....                              | 10        |
| 2.6 Measurement Results Explanation Example.....                | 10        |
| <b>3 TEST RESULT .....</b>                                      | <b>11</b> |
| 3.1 Number of Channel Measurement .....                         | 11        |
| 3.2 Hopping Channel Separation Measurement .....                | 13        |
| 3.3 Dwell Time Measurement.....                                 | 19        |
| 3.4 20dB and 99% Bandwidth Measurement .....                    | 21        |
| 3.5 Output Power Measurement.....                               | 32        |
| 3.6 Conducted Band Edges Measurement.....                       | 33        |
| 3.7 Conducted Spurious Emission Measurement .....               | 40        |
| 3.8 Radiated Band Edges and Spurious Emission Measurement ..... | 50        |
| 3.9 AC Conducted Emission Measurement.....                      | 54        |
| 3.10 Antenna Requirements.....                                  | 56        |
| <b>4 LIST OF MEASURING EQUIPMENT.....</b>                       | <b>57</b> |
| <b>5 MEASUREMENT UNCERTAINTY .....</b>                          | <b>58</b> |
| <b>APPENDIX A. CONDUCTED TEST RESULTS</b>                       |           |
| <b>APPENDIX B. AC CONDUCTED EMISSION TEST RESULT</b>            |           |
| <b>APPENDIX C. RADIATED SPURIOUS EMISSION</b>                   |           |
| <b>APPENDIX D. DUTY CYCLE PLOTS</b>                             |           |
| <b>APPENDIX E. SETUP PHOTOGRAPHS</b>                            |           |



## REVISION HISTORY

| REPORT NO. | VERSION | DESCRIPTION             | ISSUED DATE   |
|------------|---------|-------------------------|---------------|
| FR5N2009A  | Rev. 01 | Initial issue of report | Mar. 09, 2026 |
|            |         |                         |               |
|            |         |                         |               |
|            |         |                         |               |
|            |         |                         |               |
|            |         |                         |               |
|            |         |                         |               |
|            |         |                         |               |
|            |         |                         |               |
|            |         |                         |               |
|            |         |                         |               |
|            |         |                         |               |
|            |         |                         |               |
|            |         |                         |               |
|            |         |                         |               |
|            |         |                         |               |

## SUMMARY OF TEST RESULT

| Report Section | FCC Rule           | Description                                        | Limit                                  | Result      | Remark                                   |
|----------------|--------------------|----------------------------------------------------|----------------------------------------|-------------|------------------------------------------|
| 3.1            | 15.247(a)(1)       | Number of Channels                                 | $\geq 15\text{Chs}$                    | Pass        | -                                        |
| 3.2            | 15.247(a)(1)       | Hopping Channel Separation                         | $\geq 2/3$ of 20dB BW                  | Pass        | -                                        |
| 3.3            | 15.247(a)(1)       | Dwell Time of Each Channel                         | $\leq 0.4\text{sec}$ in 31.6sec period | Pass        | -                                        |
| 3.4            | 15.247(a)(1)       | 20dB Bandwidth                                     | -                                      | Report only | -                                        |
| 3.4            | -                  | 99% Bandwidth                                      | -                                      | Report only | -                                        |
| 3.5            | 15.247(b)(1)       | Conducted Output Power                             | $\leq 125\text{ mW}$                   | Pass        | -                                        |
| 3.6            | 15.247(d)          | Conducted Band Edges                               | $\leq 20\text{dBc}$                    | Pass        | -                                        |
| 3.7            | 15.247(d)          | Conducted Spurious Emission                        | $\leq 20\text{dBc}$                    | Pass        | -                                        |
| 3.8            | 15.247(d)          | Radiated Band Edges and Radiated Spurious Emission | 15.209(a) & 15.247(d)                  | Pass        | Under limit<br>15.27 dB at<br>834.13 MHz |
| 3.9            | 15.207             | AC Conducted Emission                              | 15.207(a)                              | Pass        | Under limit<br>9.78 dB at<br>0.20 MHz    |
| 3.10           | 15.203 & 15.247(b) | Antenna Requirement                                | 15.203 & 15.247(b)                     | Pass        | -                                        |

**Conformity Assessment Condition:**

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

**Disclaimer:**

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

## 1 General Description

### 1.1 Applicant

COOSEA GROUP (HK) COMPANY LIMITED

UNIT 5-6 16/F MULTIFIELD PLAZA 3-7A PRAT AVENUE TSIMSHATSUI KL

### 1.2 Manufacturer

COOSEA GROUP (HK) COMPANY LIMITED

UNIT 5-6 16/F MULTIFIELD PLAZA 3-7A PRAT AVENUE TSIMSHATSUI KL

### 1.3 Product Feature of Equipment Under Test

| Product Feature |                                                                                                                                         |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Equipment       | Feature Phone                                                                                                                           |
| Brand Name      | Consumer Cellular                                                                                                                       |
| Model Name      | SN331CC                                                                                                                                 |
| FCC ID          | 2A28USN331CC                                                                                                                            |
| IMEI Code       | Conducted: 351341590003730/351341590003748<br>Conduction: 351341590006790/351341590006808<br>Radiation: 351341590004639/351341590004647 |
| EUT Stage       | Production Unit                                                                                                                         |

**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                                                                                                                     |
| Maximum Output Power to Antenna         | Bluetooth BR(1Mbps) : 10.30 dBm (0.0107 W)<br>Bluetooth EDR (2Mbps) : 9.60 dBm (0.0091 W)<br>Bluetooth EDR (3Mbps) : 9.80 dBm (0.0095 W) |
| 99% Occupied Bandwidth                  | Bluetooth BR(1Mbps) : 0.755MHz<br>Bluetooth EDR (2Mbps) : 1.143MHz<br>Bluetooth EDR (3Mbps) : 1.147MHz                                   |
| Antenna Type / Gain                     | IFA Antenna type with gain 0.39 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. (Shenzhen) is accredited to ISO/IEC 17025:2017 by American Association for Laboratory Accreditation with Certificate Number 5145.01.

|                    |                                                                                                                                                                                                                 |                     |                                |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|--------------------------------|
| Test Firm          | Sporton International Inc. (Shenzhen)                                                                                                                                                                           |                     |                                |
| Test Site Location | 101, 1st Floor, Block B, Building 1, No. 2, Tengfeng 4th Road, Fenghuang Community, Fuyong Street, Baoan District, Shenzhen City, Guangdong Province 518103 People's Republic of China<br>TEL: +86-755-86066985 |                     |                                |
| Test Site No.      | Sporton Site No.                                                                                                                                                                                                | FCC Designation No. | FCC Test Firm Registration No. |
|                    | TH01-SZ<br>CO02-SZ ;<br>03CH04-SZ                                                                                                                                                                               | CN1256              | 421272                         |

## 1.7 Test Software

| Item | Site      | Manufacturer | Name | Version     |
|------|-----------|--------------|------|-------------|
| 1.   | 03CH04-SZ | AUDIX        | E3   | 6.2009-8-24 |
| 2.   | CO02-SZ   | AUDIX        | E3   | 6.120613b   |

## 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 C63.10-2020
- ♦

### Remark:

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



## 2 Test Configuration of Equipment Under Test

### 2.1 Carrier Frequency Channel

| Frequency Band  | Channel | Freq.<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

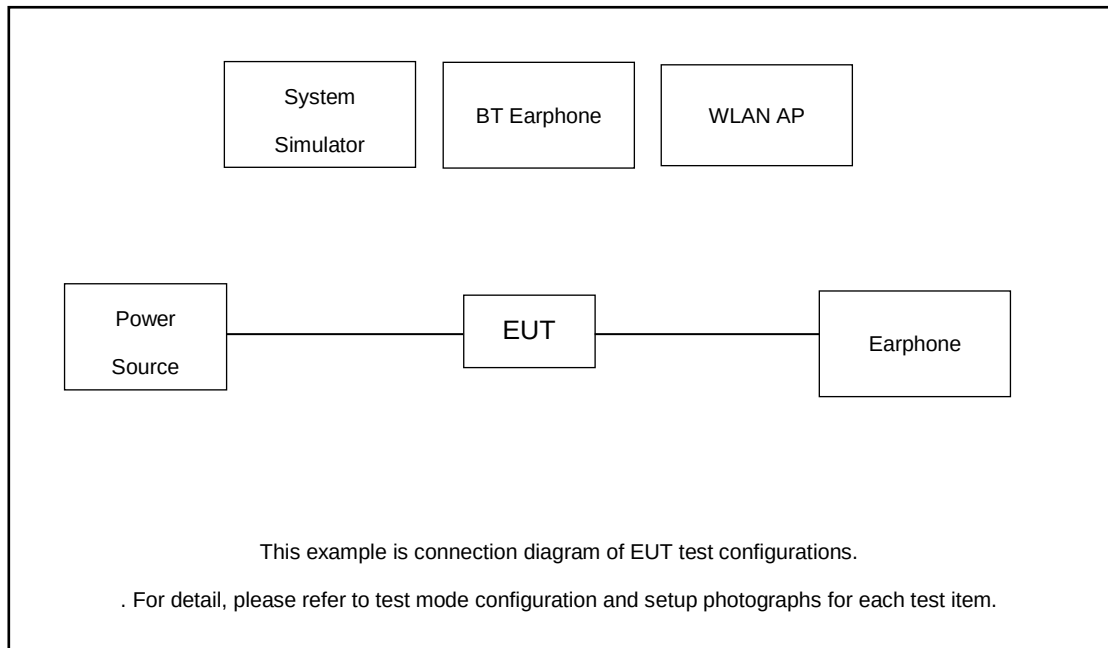
- a. The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application. Frequency range investigated: conduction emission (150 kHz to 30 MHz), radiation emission (9 kHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower). For radiated measurement, pre-scanned in three orthogonal panels, X, Y, Z and the EUT in both open and folded states. The worst cases (X/Y plane with open states) were recorded in this report, and the worst mode of radiated spurious emissions is Bluetooth 1Mbps mode, and recorded in this report.
- b. AC power line Conducted Emission was tested under maximum output power.

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

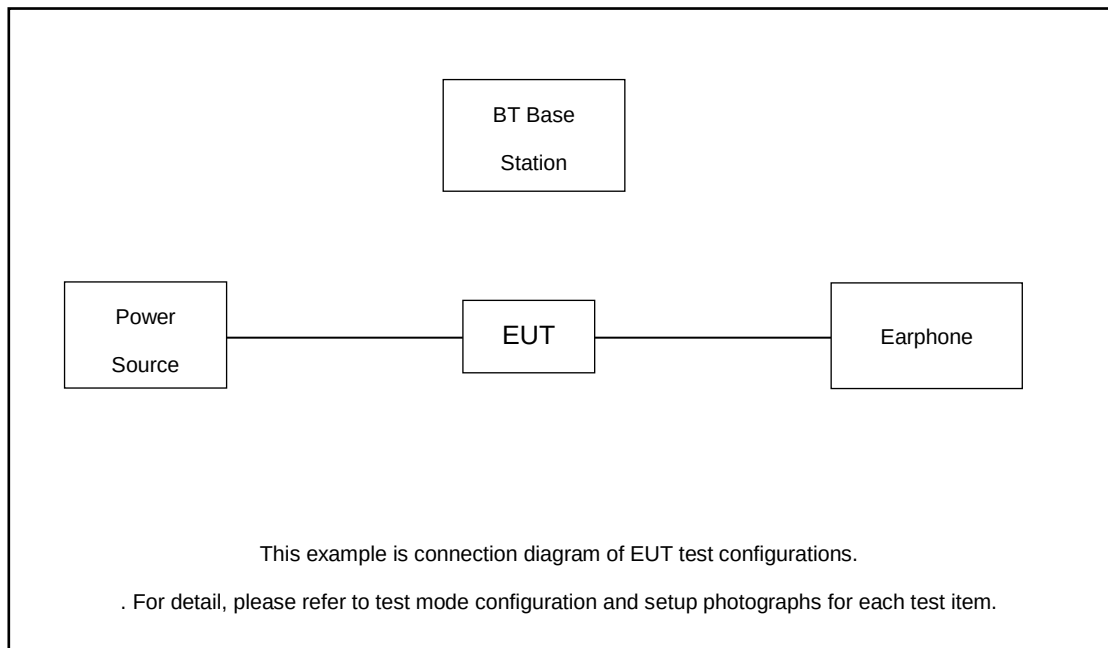
| Summary table of Test Cases                                                                                                                                                                                                             |                                                                                                                 |                                       |                               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|---------------------------------------|-------------------------------|
| Test Item                                                                                                                                                                                                                               | Data Rate / Modulation                                                                                          |                                       |                               |
|                                                                                                                                                                                                                                         | Bluetooth BR 1Mbps<br>GFSK                                                                                      | Bluetooth EDR 2Mbps<br>$\pi/4$ -DQPSK | Bluetooth EDR 3Mbps<br>8-DPSK |
| Conducted<br>Test Cases                                                                                                                                                                                                                 | Mode 1: CH00_2402 MHz                                                                                           | Mode 4: CH00_2402 MHz                 | Mode 7: CH00_2402 MHz         |
|                                                                                                                                                                                                                                         | Mode 2: CH39_2441 MHz                                                                                           | Mode 5: CH39_2441 MHz                 | Mode 8: CH39_2441 MHz         |
|                                                                                                                                                                                                                                         | Mode 3: CH78_2480 MHz                                                                                           | Mode 6: CH78_2480 MHz                 | Mode 9: CH78_2480 MHz         |
| Radiated<br>Test Cases                                                                                                                                                                                                                  | Bluetooth BR 1Mbps GFSK                                                                                         |                                       |                               |
|                                                                                                                                                                                                                                         | Mode 1: CH00_2402 MHz                                                                                           |                                       |                               |
|                                                                                                                                                                                                                                         | Mode 2: CH39_2441 MHz                                                                                           |                                       |                               |
|                                                                                                                                                                                                                                         | Mode 3: CH78_2480 MHz                                                                                           |                                       |                               |
| AC<br>Conducted<br>Emission                                                                                                                                                                                                             | Mode 1 : LTE Band 5 Idle + Bluetooth Link + WLAN Link (2.4G) + USB Cable<br>(Charging from Adapter1) + Earphone |                                       |                               |
| Remark:                                                                                                                                                                                                                                 |                                                                                                                 |                                       |                               |
| 1. For radiated test cases, the worst mode data rate 1Mbps 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. For Radiated Test Cases, The tests were performed with Adapter, Earphone and USB Cable .                                                                                                                                             |                                                                                                                 |                                       |                               |

## 2.3 Connection Diagram of Test System

AC Conducted Emission:



Radiated Emission:



## 2.4 Support Unit used in test configuration and system

| Item | Equipment          | Trade Name | Model Name | FCC ID      | Data Cable | Power Cord       |
|------|--------------------|------------|------------|-------------|------------|------------------|
| 1.   | Base Station(LTE)  | Anritsu    | MT8820C    | N/A         | N/A        | N/A              |
| 2.   | Earphone           | apple      | N/A        | N/A         | N/A        | N/A              |
| 3.   | Bluetooth Earphone | Samsung    | EO-MG900   | PYAHS-107W  | N/A        | N/A              |
| 4.   | WLAN AP            | Dlink      | DIR-820L   | KA2IR820LA1 | N/A        | N/A              |
| 5.   | BT Base Station    | R&S        | CBT        | N/A         | N/A        | Unshielded, 1.8m |

## 2.5 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.

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

## 2.6 Measurement Results Explanation Example

For all conducted test items:

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

Example :

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

*Offset = RF cable loss + attenuator factor.*

Following shows an offset computation example with cable loss 1.30 dB and 10dB attenuator.

$$\begin{aligned}\text{Offset(dB)} &= \text{RF cable loss(dB)} + \text{attenuator factor(dB)} \\ &= 1.30 + 10 = 11.30 \text{ (dB)}\end{aligned}$$

### 3 Test Result

#### 3.1 Number of Channel Measurement

##### 3.1.1 Limits of Number of Hopping Frequency

Frequency hopping systems in the 2400-2483.5 MHz band shall use at least 15 channels.

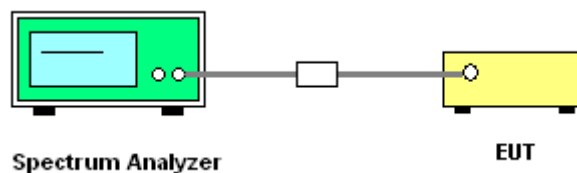
##### 3.1.2 Measuring Instruments

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

##### 3.1.3 Test Procedure

1. The testing follows ANSI C63.10-2020 clause 7.8.3.
2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.
3. Set to the maximum power setting and enable the EUT transmit continuously.
4. Enable the EUT hopping function.
5. Use the following spectrum analyzer settings: Span = the frequency band of operation;  
RBW = 300kHz; VBW  $\geq$  RBW; Sweep = auto; Detector function = peak; Trace = max hold.
6. The number of hopping frequency used is defined as the number of total channel.
7. Record the measurement data derived from spectrum analyzer.

##### 3.1.4 Test Setup

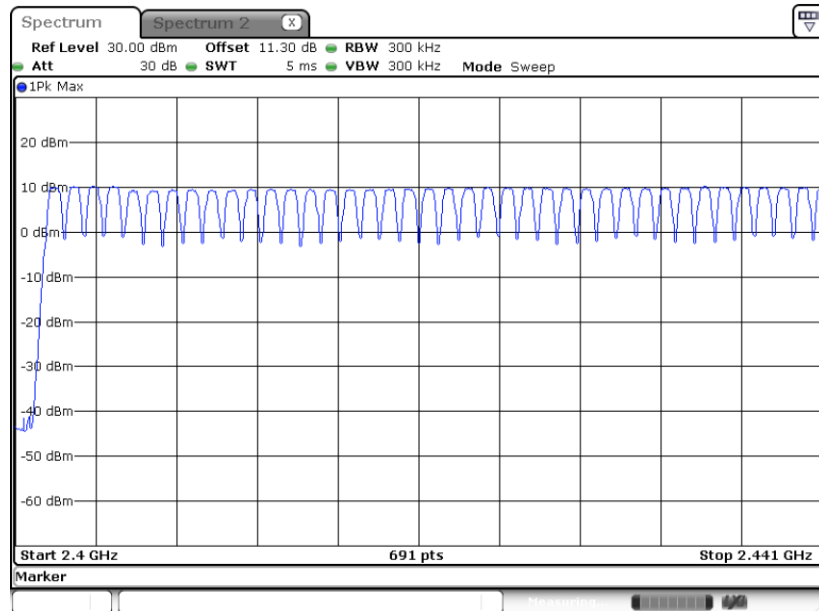


##### 3.1.5 Test Result of Number of Hopping Frequency

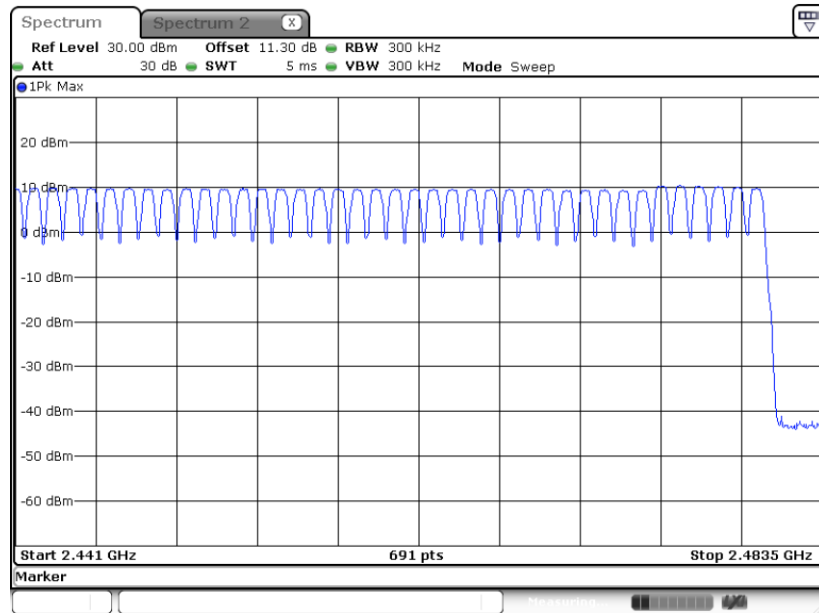
Please refer to Appendix A.



Number of Hopping Channel Plot on Channel 00 - 78



Date: 31.DEC.2025 16:06:06



Date: 31.DEC.2025 16:06:37

## 3.2 Hopping Channel Separation Measurement

### 3.2.1 Limit of Hopping Channel Separation

Frequency hopping systems operating in the 2400-2483.5 MHz band may have hopping channel carrier frequencies that are separated by 25 kHz or two-thirds of the 20 dB bandwidth of the hopping channel, whichever is greater.

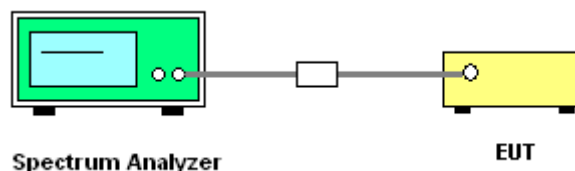
### 3.2.2 Measuring Instruments

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

### 3.2.3 Test Procedures

1. The testing follows ANSI C63.10-2020 clause 7.8.2.
2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.
3. Set to the maximum power setting and enable the EUT transmit continuously.
4. Enable the EUT hopping function.
5. Use the following spectrum analyzer settings:  
Span = wide enough to capture the peaks of two adjacent channels;  
RBW = 300kHz; VBW  $\geq$  RBW; Sweep = auto; Detector function = peak; Trace = max hold.
6. Measure and record the results in the test report.

### 3.2.4 Test Setup



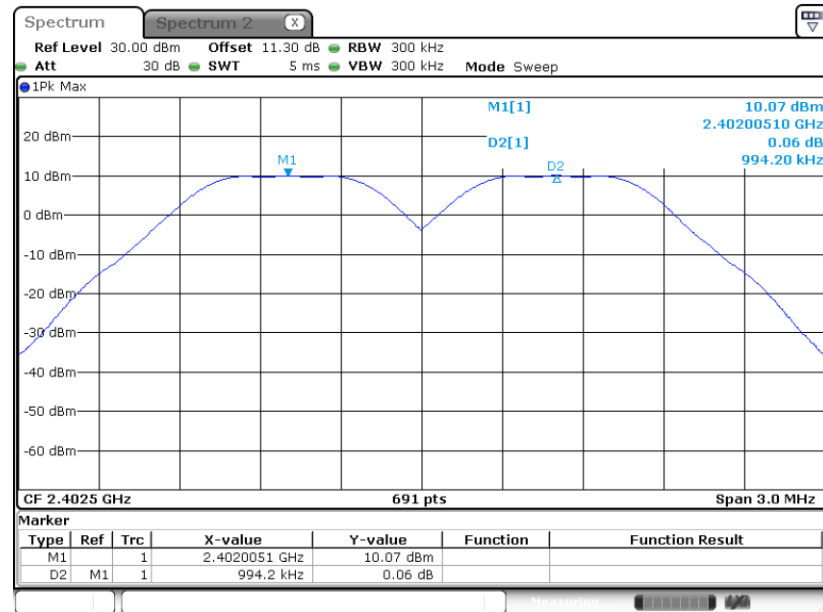
### 3.2.5 Test Result of Hopping Channel Separation

Please refer to Appendix A.



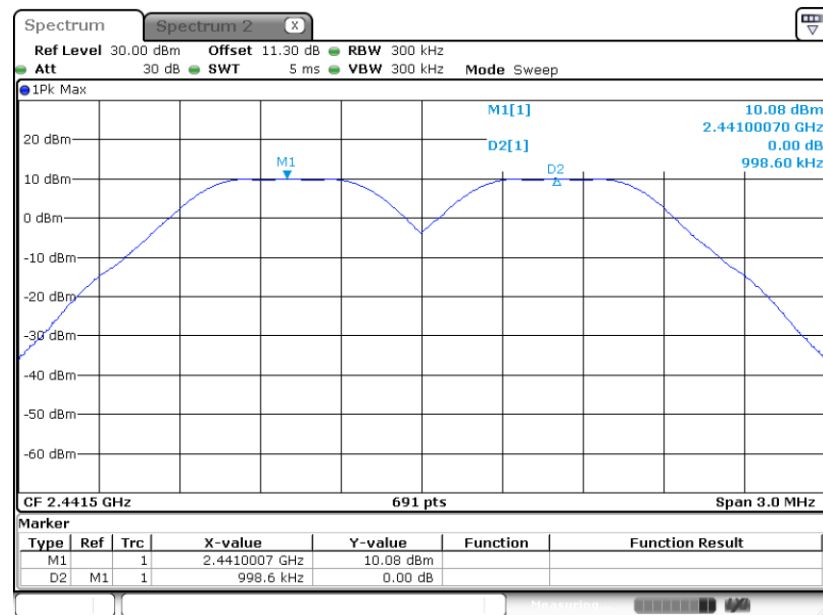
<1Mbps>

Channel Separation Plot on Channel 00 - 01



Date: 31.DEC.2025 16:08:08

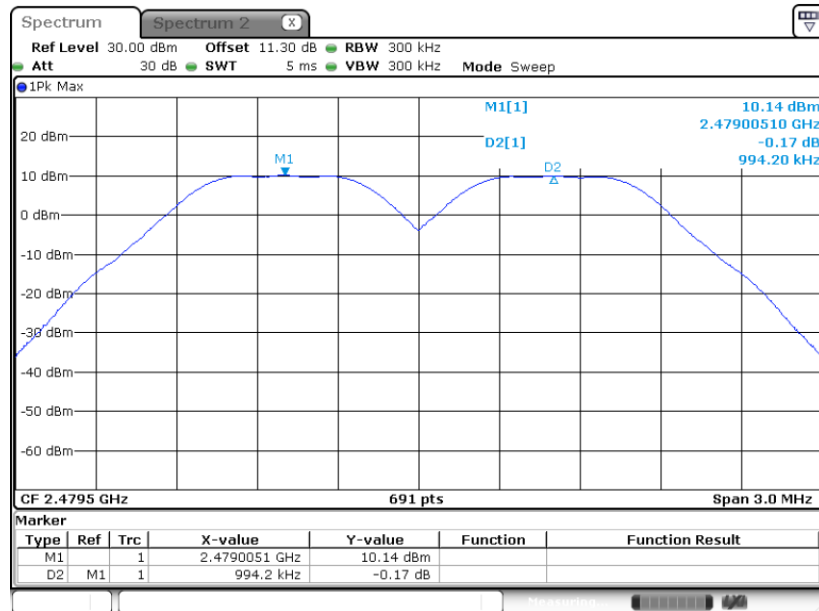
Channel Separation Plot on Channel 39 - 40



Date: 31.DEC.2025 16:15:27

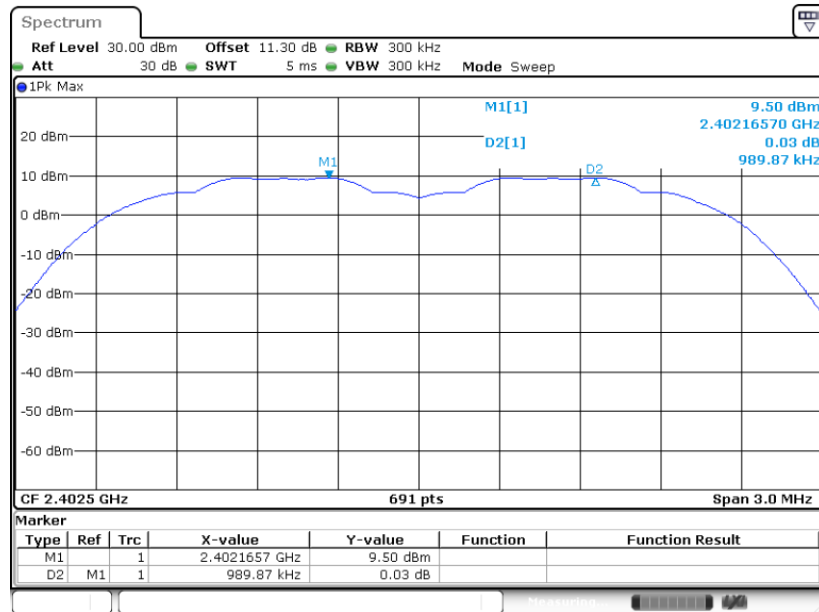


### Channel Separation Plot on Channel 77 - 78



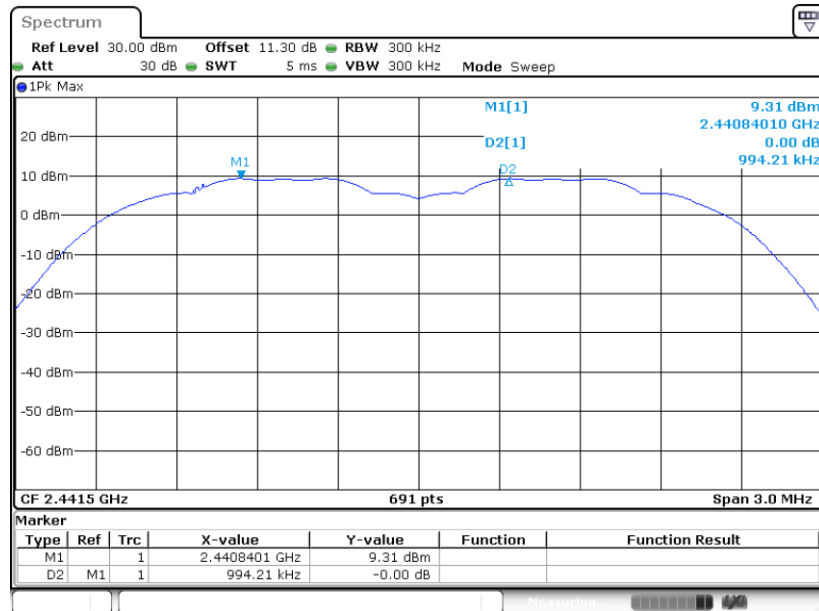
### <2Mbps>

### Channel Separation Plot on Channel 00 - 01

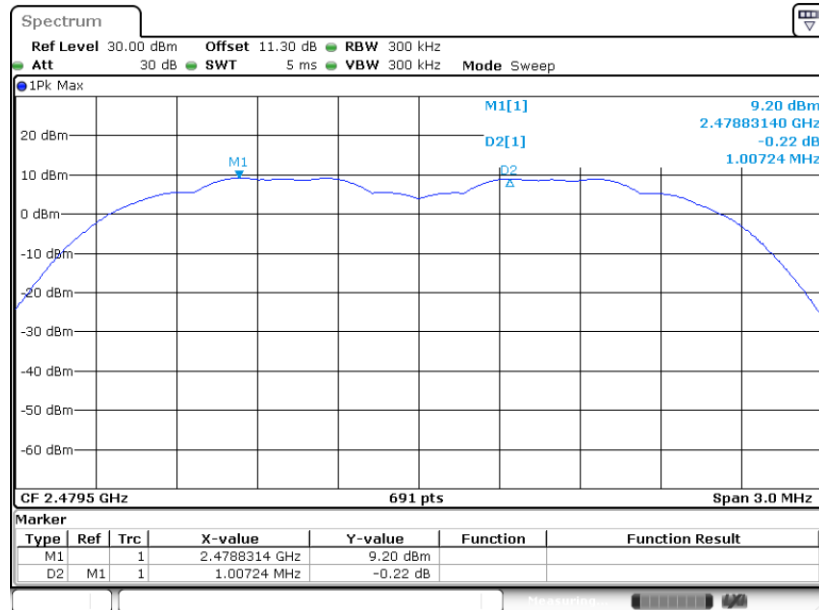




### Channel Separation Plot on Channel 39 - 40



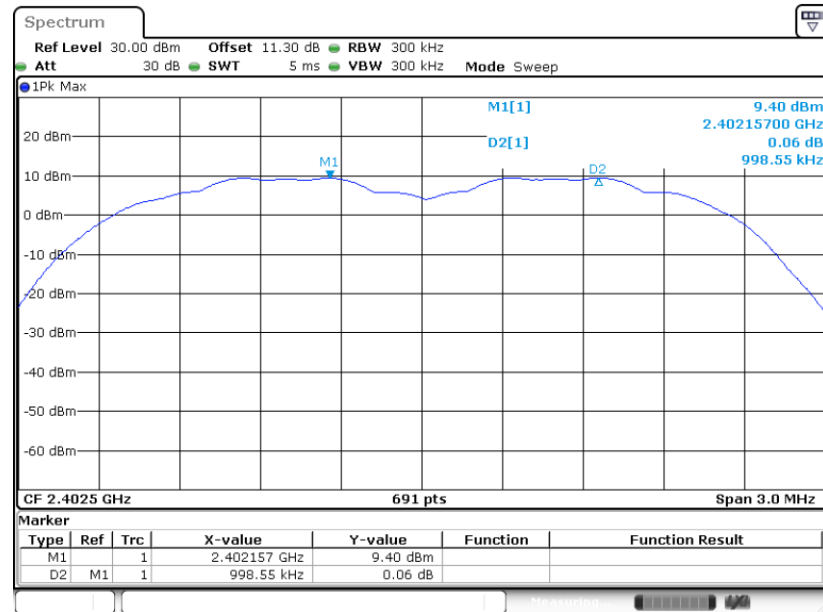
### Channel Separation Plot on Channel 77 - 78



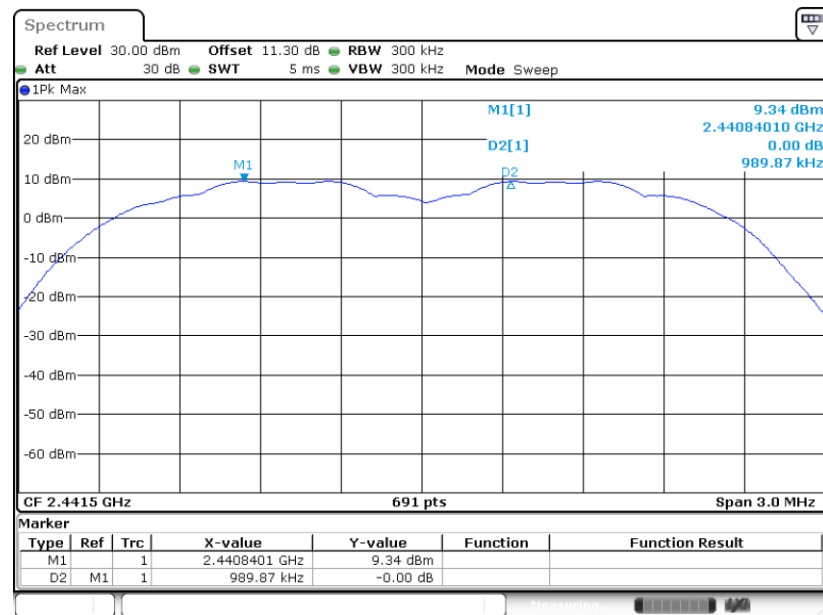


<3Mbps>

Channel Separation Plot on Channel 00 - 01

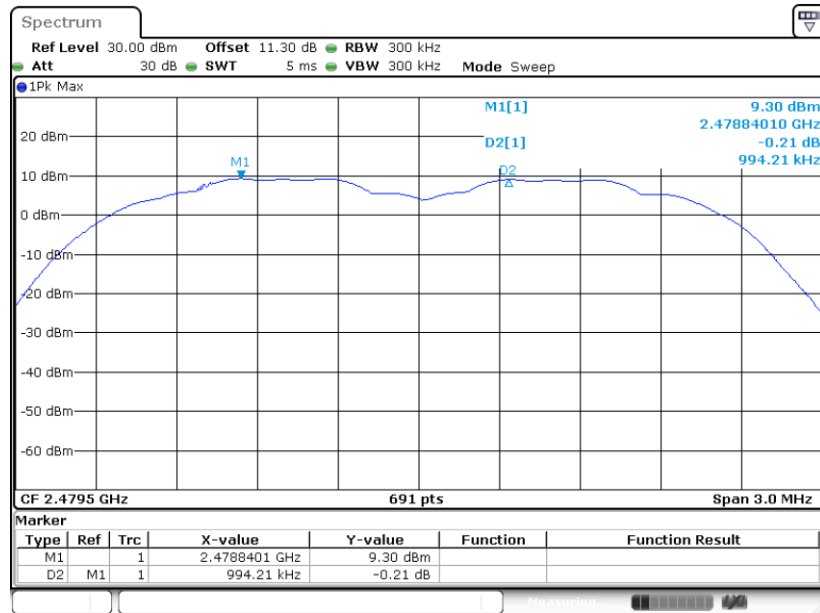


Channel Separation Plot on Channel 39 - 40





Channel Separation Plot on Channel 77 - 78



Date: 4. JAN 2026 11:22:37

### 3.3 Dwell Time Measurement

#### 3.3.1 Limit of Dwell Time

The average time of occupancy on any channel shall not be greater than 0.4 seconds within a period of 0.4 seconds multiplied by the number of hopping channels employed.

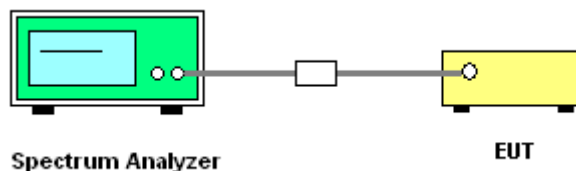
#### 3.3.2 Measuring Instruments

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

#### 3.3.3 Test Procedures

1. The testing follows ANSI C63.10-2020 clause 7.8.4.
2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.
3. Set to the maximum power setting and enable the EUT transmit continuously.
4. Enable the EUT hopping function.
5. Use the following spectrum analyzer settings: Span = zero span, centered on a hopping channel; RBW = 1 MHz; VBW  $\geq$  RBW; Sweep = as necessary to capture the entire dwell time per hopping channel; Detector function = peak; Trace = max hold.
6. Measure and record the results in the test report.

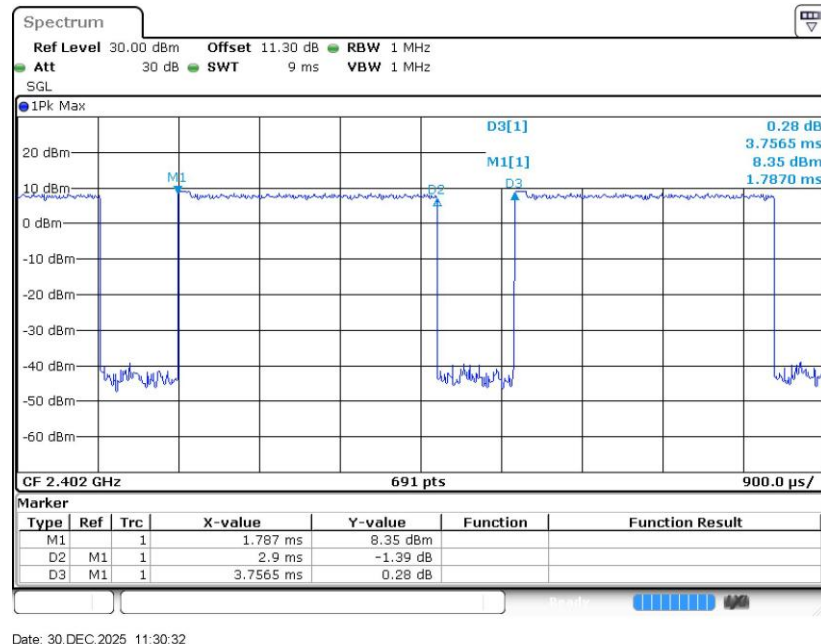
#### 3.3.4 Test Setup



### 3.3.5 Test Result of Dwell Time

Please refer to Appendix A.

**Package Transfer Time Plot**



**Remark:**

1. In normal mode, hopping rate is 1600 hops/s with 6 slots (5 Transmit and 1 Receive slot) in 79 hopping channels.  
With channel hopping rate (1600 / 6 / 79) in Occupancy Time Limit (0.4 x 79) (s),  
Hops Over Occupancy Time comes to (1600 / 6 / 79) x (0.4 x 79) = 106.67 hops.
2. In AFH mode, hopping rate is 800 hops/s with 6 slots in 20 hopping channels.  
With channel hopping rate (800 / 6 / 20) in Occupancy Time Limit (0.4 x 20) (s),  
Hops Over Occupancy Time comes to (800 / 6 / 20) x (0.4 x 20) = 53.33 hops.
3. Dwell Time(s) = Hops Over Occupancy Time (hops) x Package Transfer Time

### 3.4 20dB and 99% Bandwidth Measurement

#### 3.4.1 Limit of 20dB and 99% Bandwidth

Reporting only

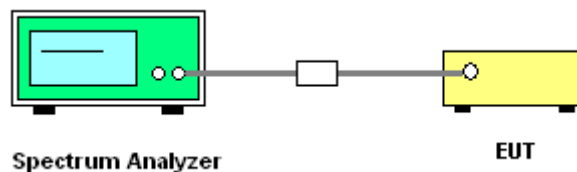
#### 3.4.2 Measuring Instruments

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

#### 3.4.3 Test Procedures

1. The testing follows ANSI C63.10-2020 clause 6.9.2 and 6.9.3.
2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.
3. Set to the maximum power setting and enable the EUT transmit continuously.
4. Use the following spectrum analyzer settings for 20dB Bandwidth measurement.  
Span = approximately 2 to 5 times the 20 dB bandwidth, centered on a hopping channel;  
The RBW is set to 1% to 5% of the 99% OBW, the VBW is set to 3 times the RBW;  
Sweep = auto; Detector function = peak;  
Trace = max hold.
5. Use the following spectrum analyzer settings for 99 % Bandwidth measurement.  
Span = approximately 1.5 to 5 times the 99% bandwidth, centered on a hopping channel;  
The RBW is set to 1% to 5% of the 99% OBW, the VBW is set to 3 times the RBW;  
Sweep = auto; Detector function = peak;  
Trace = max hold.
6. Measure and record the results in the test report.

#### 3.4.4 Test Setup



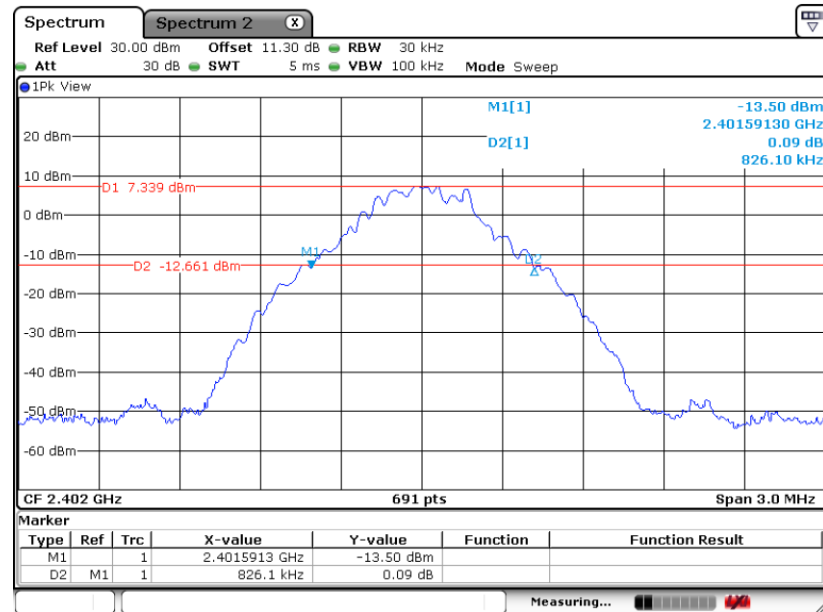
#### 3.4.5 Test Result of 20dB Bandwidth

Please refer to Appendix A.



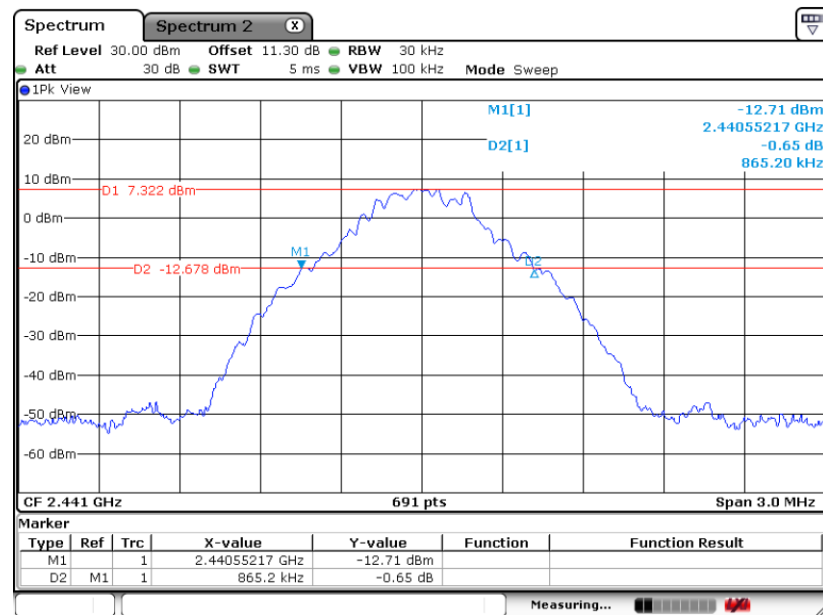
<1Mbps>

20 dB Bandwidth Plot on Channel 00



Date: 31.DEC.2025 16:09:32

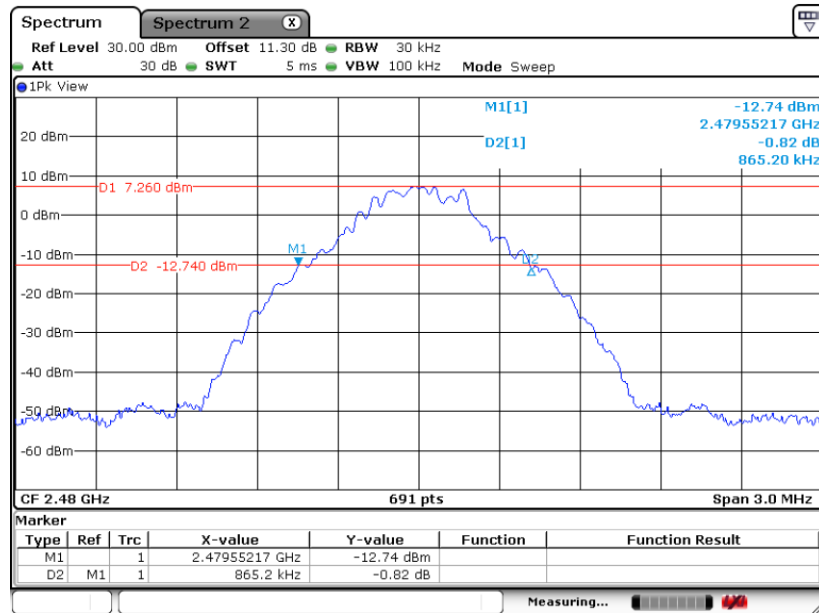
20 dB Bandwidth Plot on Channel 39



Date: 31.DEC.2025 16:15:55



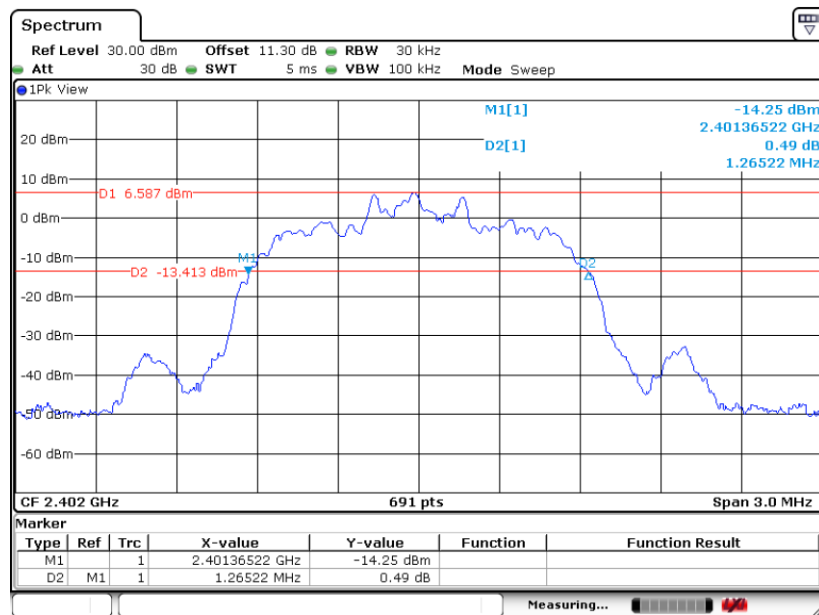
## 20 dB Bandwidth Plot on Channel 78



Date: 31.DEC.2025 16:19:42

## &lt;2Mbps&gt;

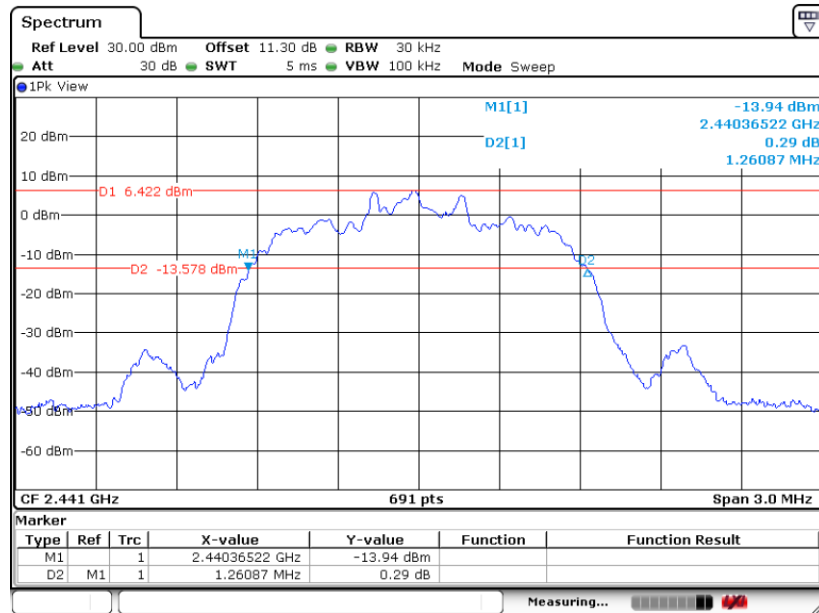
## 20 dB Bandwidth Plot on Channel 00



Date: 4.JAN.2026 10:55:57

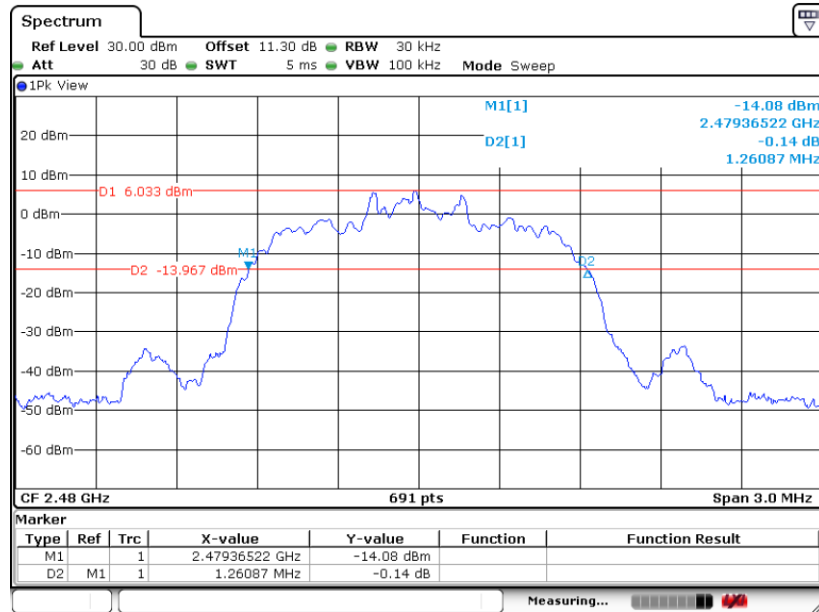


## 20 dB Bandwidth Plot on Channel 39



Date: 4 JAN 2026 11:05:12

## 20 dB Bandwidth Plot on Channel 78

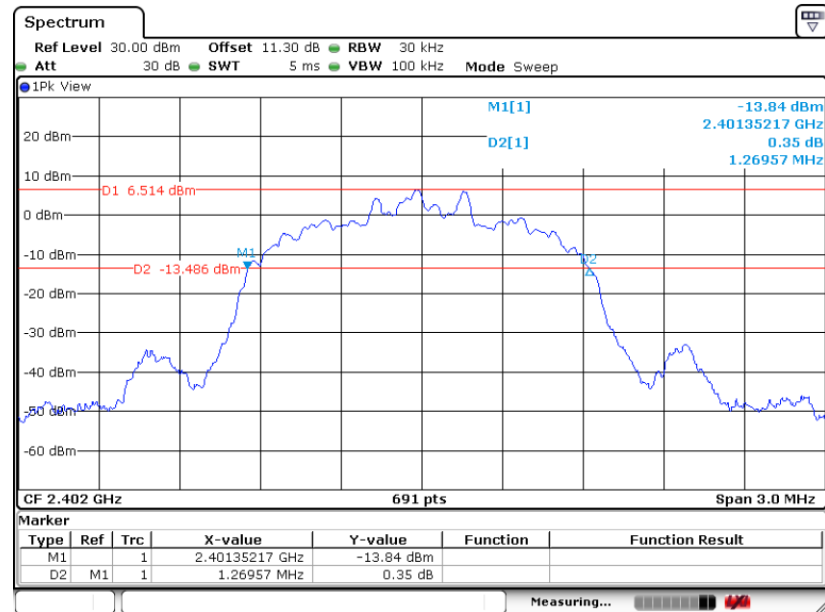


Date: 4 JAN 2026 11:10:56



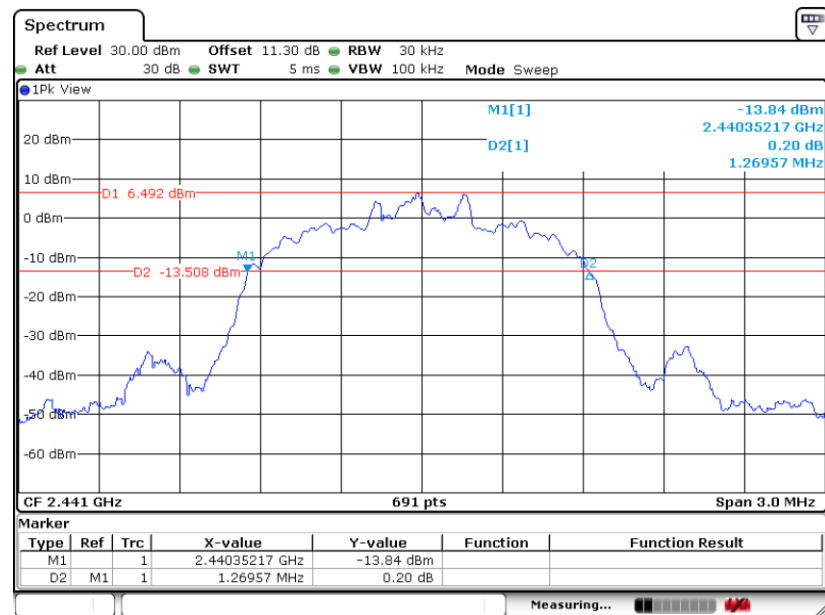
&lt;3Mbps&gt;

## 20 dB Bandwidth Plot on Channel 00



Date: 4 JAN 2026 11:15:55

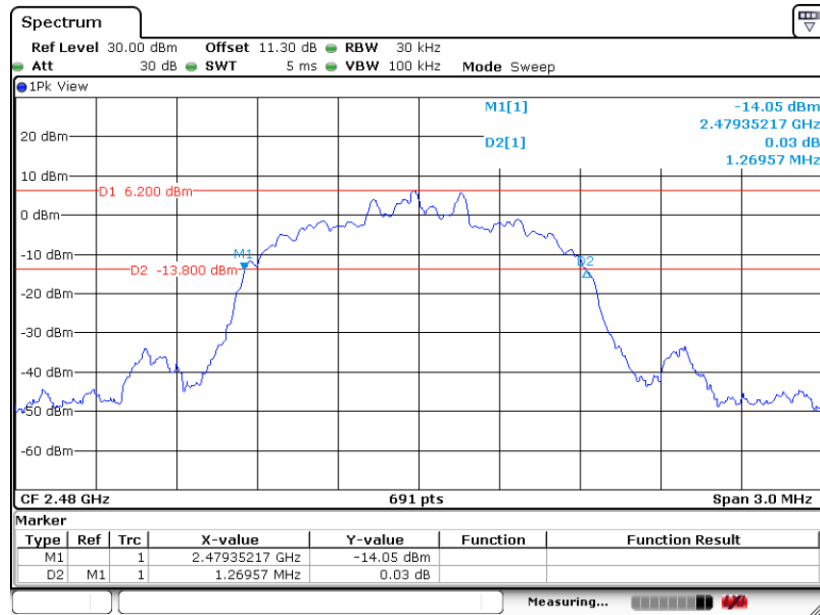
## 20 dB Bandwidth Plot on Channel 39



Date: 4 JAN 2026 11:19:43



20 dB Bandwidth Plot on Channel 78



Date: 4 JAN 2026 11:23:41

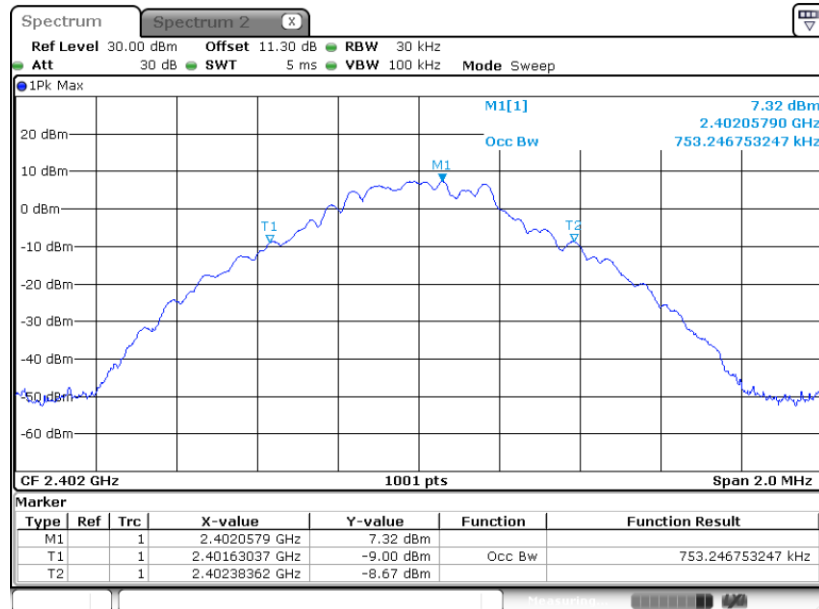


### 3.4.6 Test Result of 99% Occupied Bandwidth

Please refer to Appendix A.

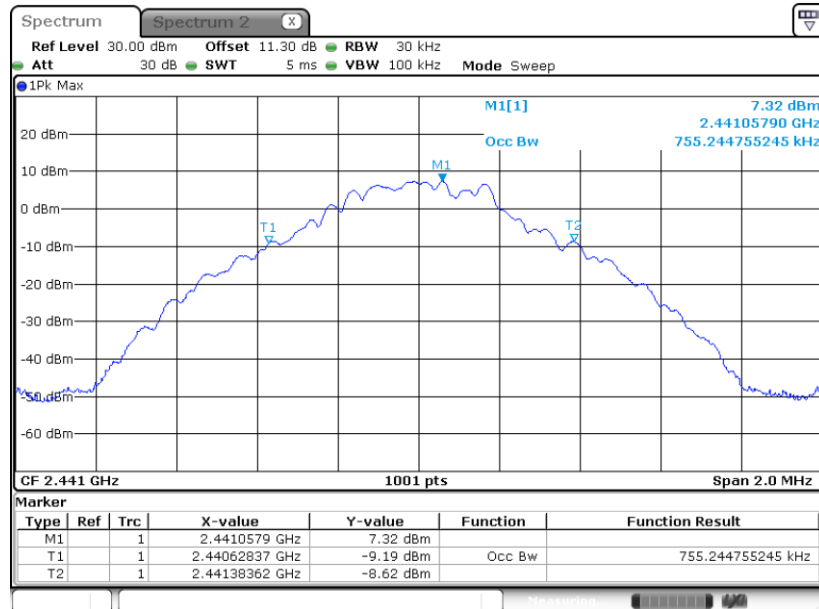
<1Mbps>

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



Date: 31.DEC.2025 16:14:13

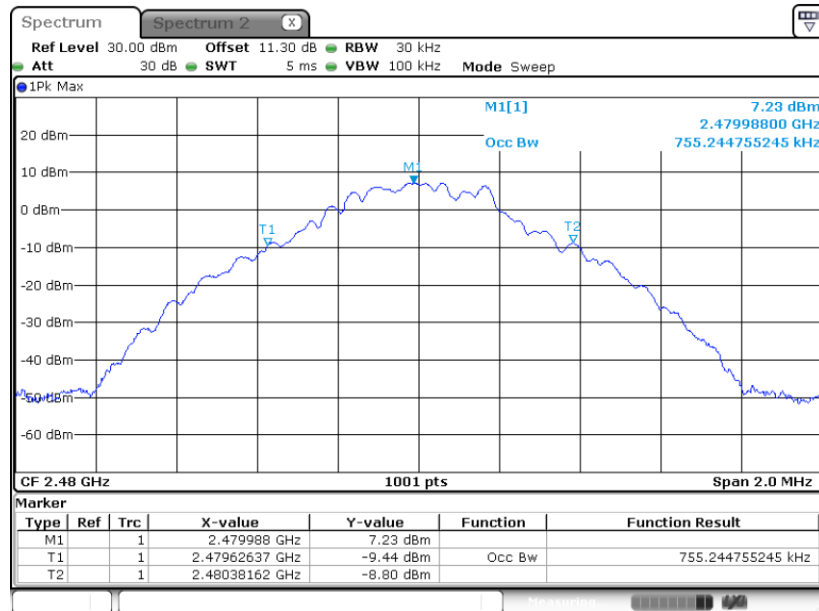
#### 99% Occupied Bandwidth Plot on Channel 39



Date: 31.DEC.2025 16:13:37

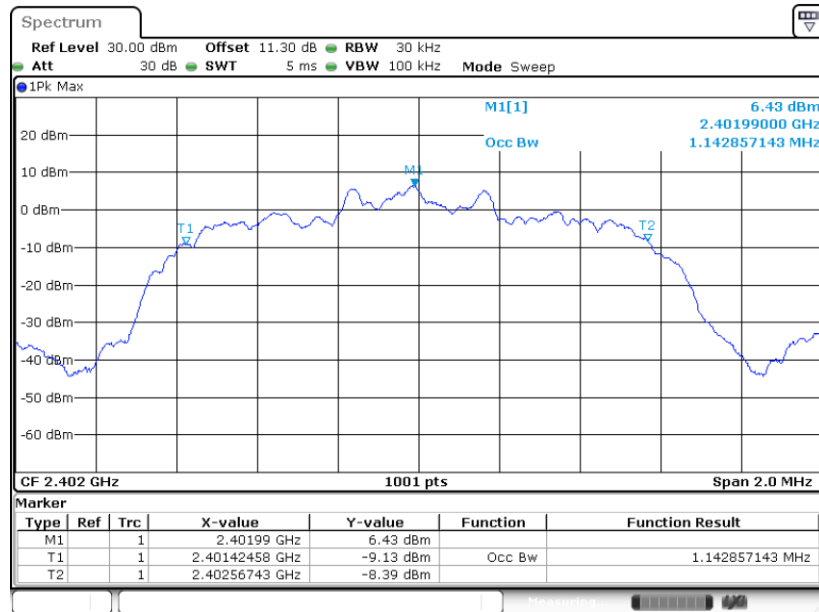


99% Occupied Bandwidth Plot on Channel 78



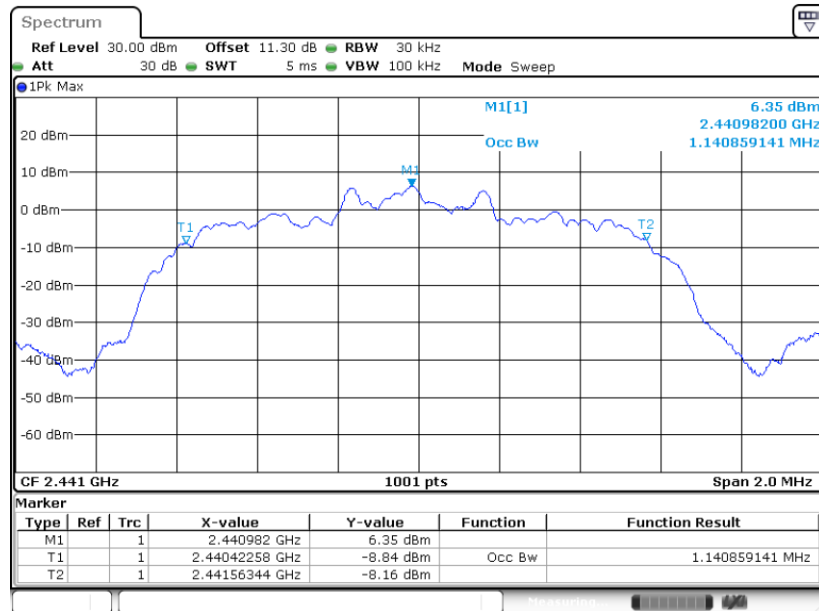
<2Mbps>

99% Occupied Bandwidth Plot on Channel 00

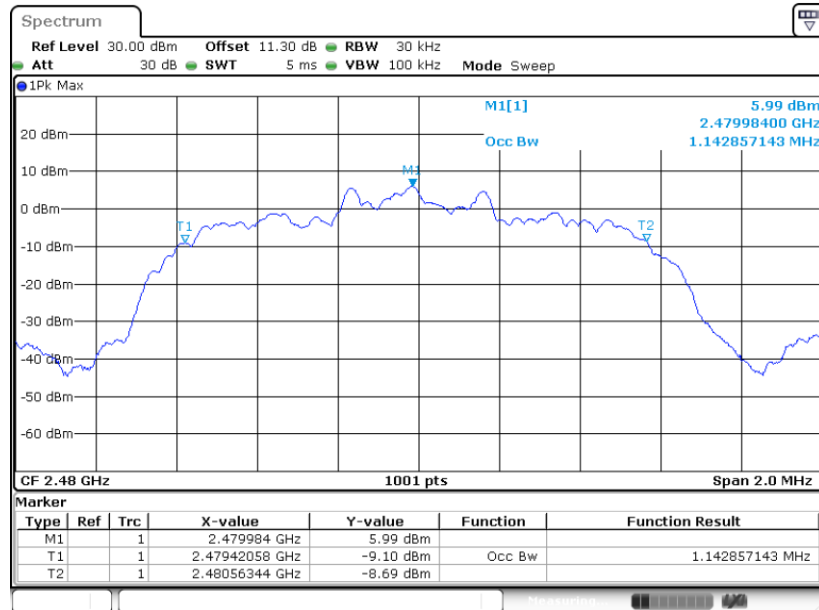




## 99% Occupied Bandwidth Plot on Channel 39



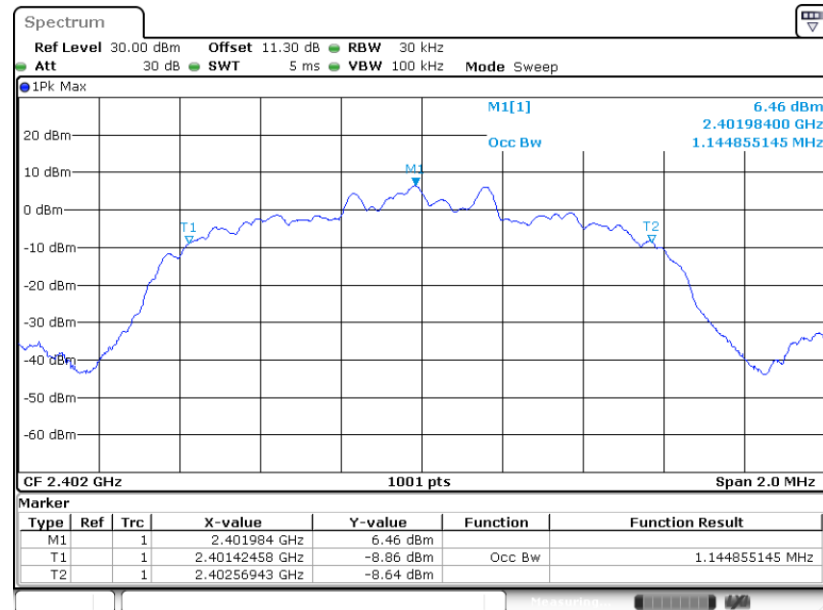
## 99% Occupied Bandwidth Plot on Channel 78





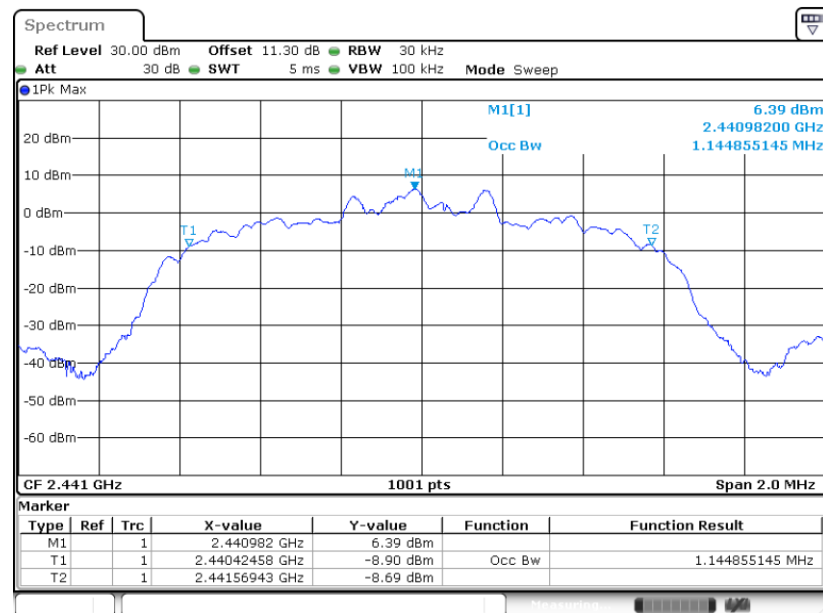
&lt;3Mbps&gt;

## 99% Occupied Bandwidth Plot on Channel 00



Date: 4 JAN 2026 11:13:57

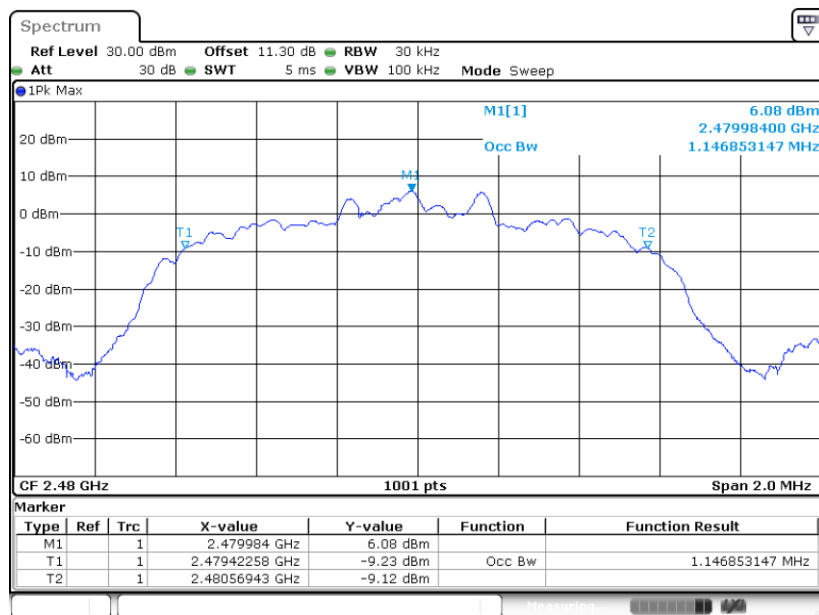
## 99% Occupied Bandwidth Plot on Channel 39



Date: 4 JAN 2026 11:18:27



## 99% Occupied Bandwidth Plot on Channel 78



Date: 4 JAN 2026 11:21:36

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

## 3.5 Output Power Measurement

### 3.5.1 Limit of Output Power

The maximum peak conducted output power of the intentional radiator shall not exceed the following:  
For frequency hopping systems operating in the 2400-2483.5 MHz band employing at least 75 non-overlapping hopping channels, and all frequency hopping systems in the 5725-5850 MHz band: 1 watt. For all other frequency hopping systems in the 2400-2483.5 MHz band 0.125 watts. The power limit for 1Mbps, 2Mbps, 3Mbps and AFH modes are 0.125 watts.

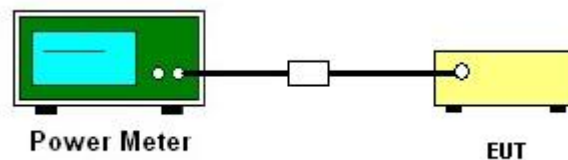
### 3.5.2 Measuring Instruments

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

### 3.5.3 Test Procedures

1. The testing follows ANSI C63.10-2020 clause 7.8.5.
2. The RF output of EUT was connected to the power meter by RF cable and attenuator. The path loss was compensated to the results for each measurement.
3. Set to the maximum power setting and enable the EUT transmit continuously.
4. Measure the conducted output power with cable loss and record the results in the test report.
5. Measure and record the results in the test report.

### 3.5.4 Test Setup



### 3.5.5 Test Result of Peak Output Power

Please refer to Appendix A.

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

Please refer to Appendix A.

## 3.6 Conducted Band Edges Measurement

### 3.6.1 Limit of Band Edges

In any 100 kHz bandwidth outside the intentional radiation frequency band, the radio frequency power shall be at least 20 dB below the highest level of the radiated power. In addition, radiated emissions which fall in the restricted bands must also comply with the radiated emission limits.

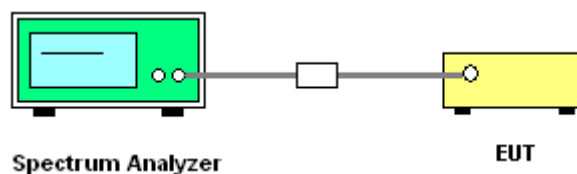
### 3.6.2 Measuring Instruments

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

### 3.6.3 Test Procedures

1. The testing follows ANSI C63.10-2020 clause 7.8.7.
2. Set to the maximum power setting and enable the EUT transmit continuously.
3. Set RBW = 100kHz, VBW = 300kHz. Band edge emissions must be at least 20 dB down from the highest emission level within the authorized band as measured with a 100kHz RBW. The attenuation shall be 30 dB instead of 20 dB when RMS conducted output power procedure is used.
4. Enable hopping function of the EUT and then repeat step 2. and 3.
5. Measure and record the results in the test report.

### 3.6.4 Test Setup

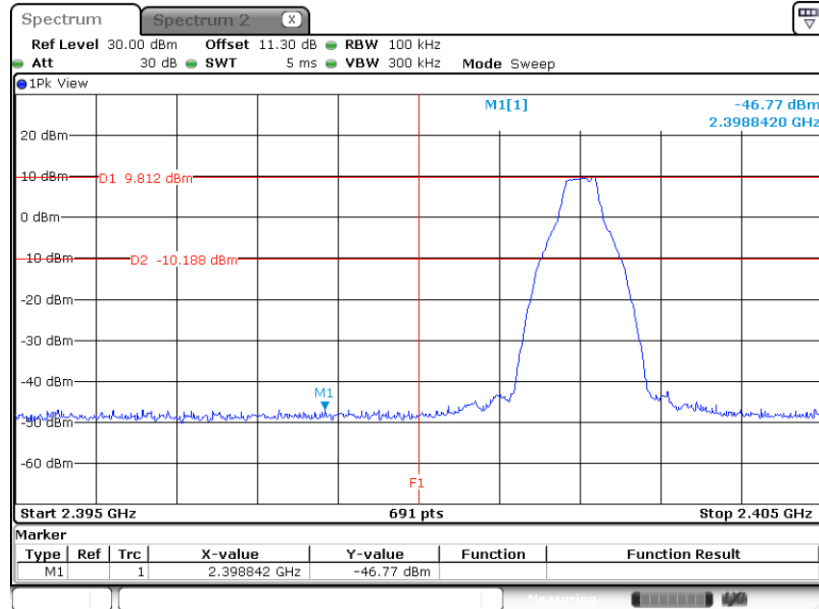




### 3.6.5 Test Result of Conducted Band Edges

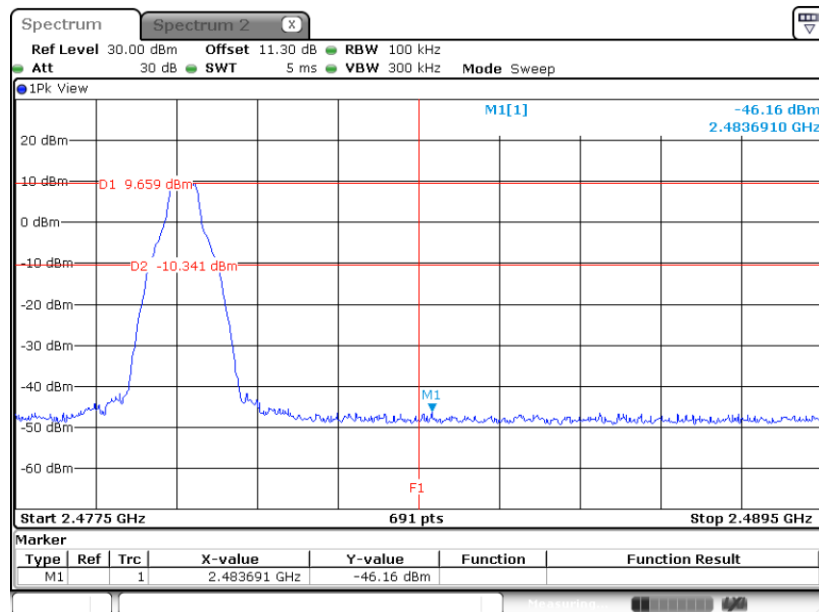
<1Mbps>

#### Low Band Edge Plot on Channel 00



Date: 31.DEC.2025 16:08:50

#### High Band Edge Plot on Channel 78

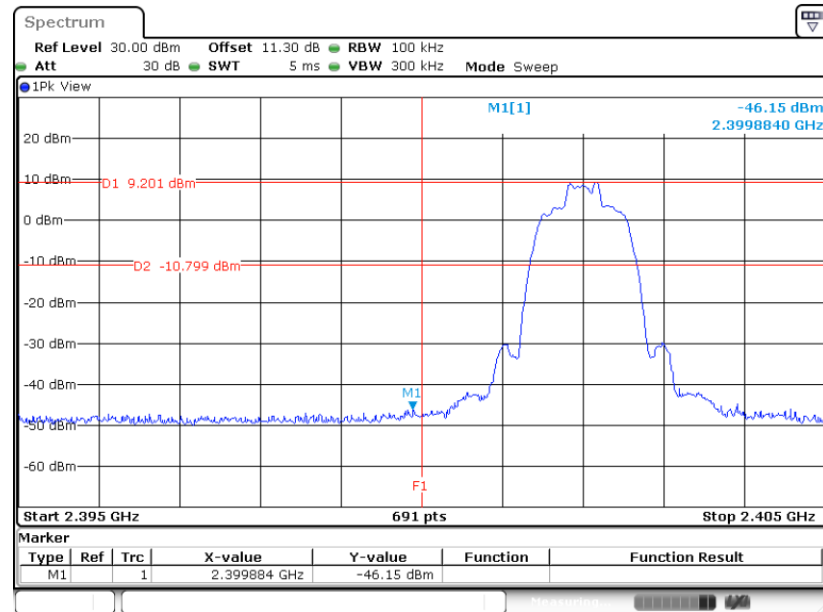


Date: 31.DEC.2025 16:19:21



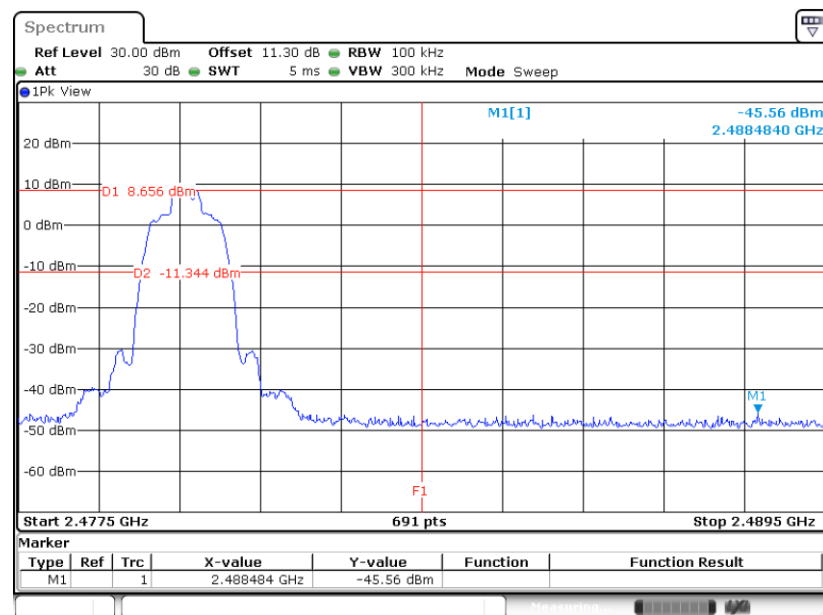
<2Mbps>

Low Band Edge Plot on Channel 00



Date: 4 JAN 2026 10:55:26

High Band Edge Plot on Channel 78

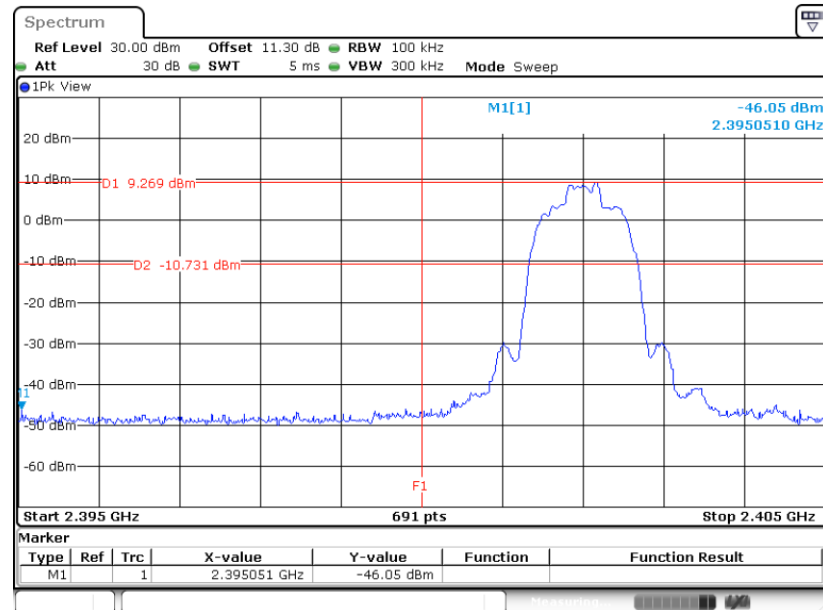


Date: 4 JAN 2026 11:10:40

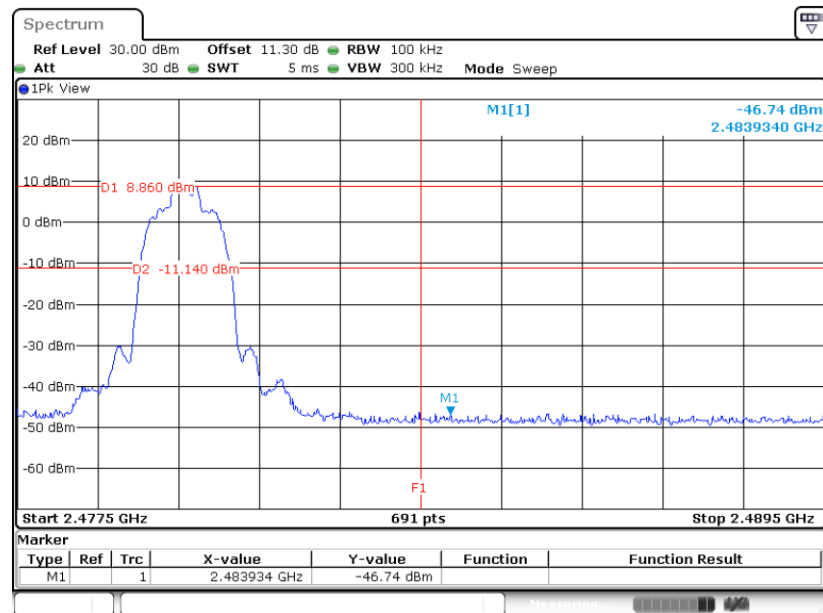


<3Mbps>

### Low Band Edge Plot on Channel 00



### High Band Edge Plot on Channel 78

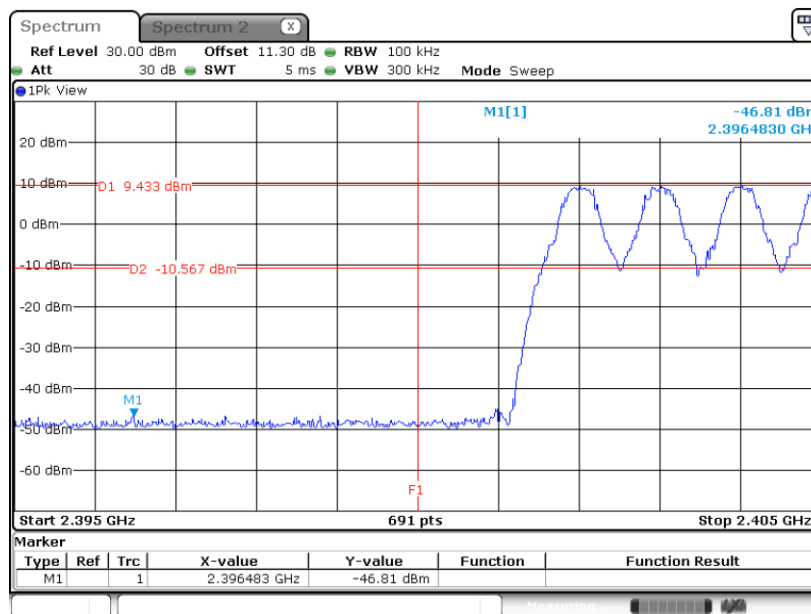




### 3.6.6 Test Result of Conducted Hopping Mode Band Edges

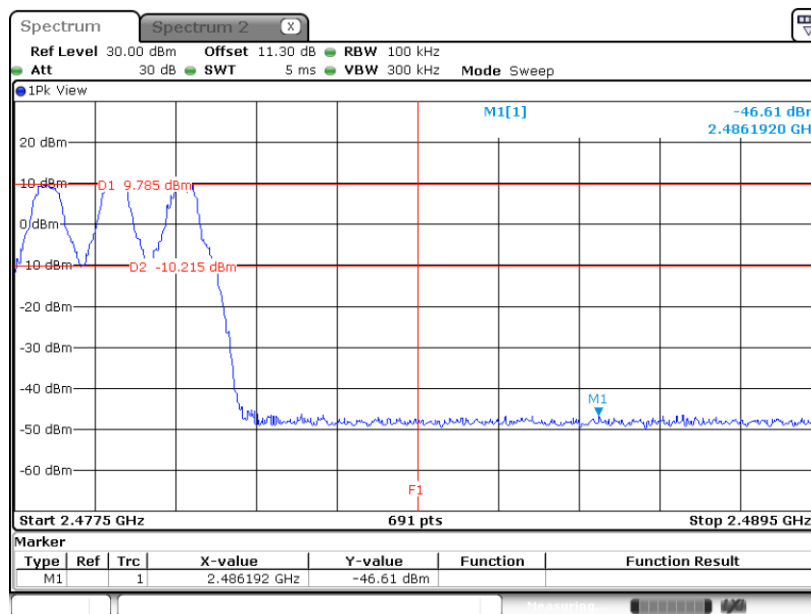
&lt;1Mbps&gt;

#### Hopping Mode Low Band Edge Plot



Date: 31.DEC.2025 16:12:14

#### Hopping Mode High Band Edge Plot

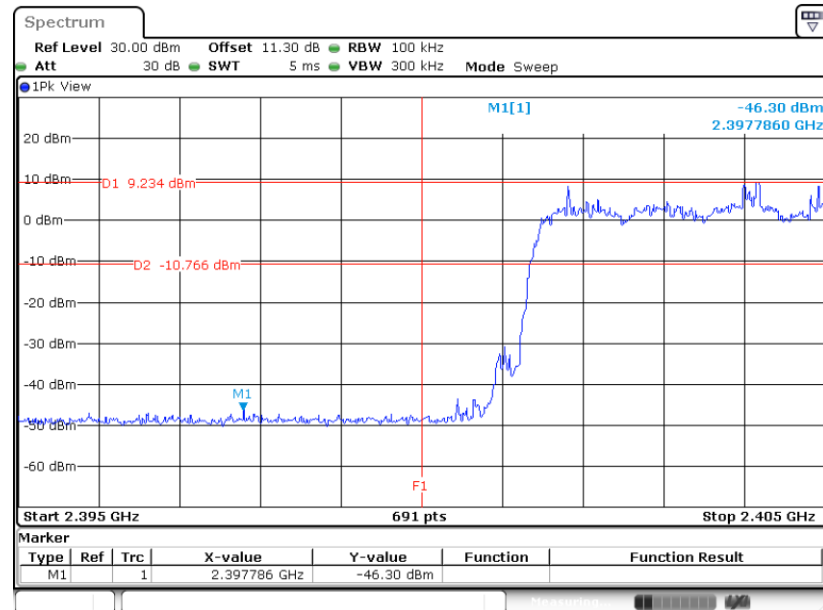


Date: 31.DEC.2025 16:21:20



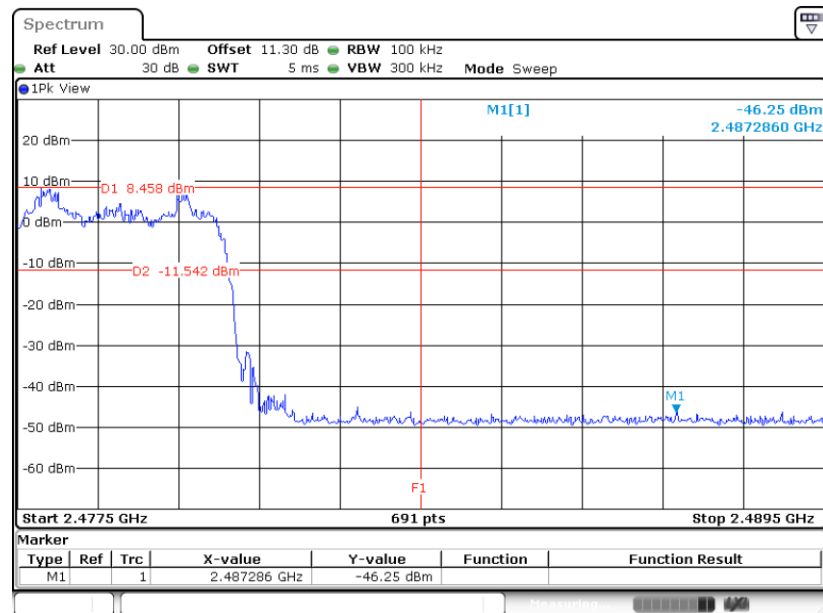
&lt;2Mbps&gt;

## Hopping Mode Low Band Edge Plot



Date: 4 JAN 2026 11:02:31

## Hopping Mode High Band Edge Plot

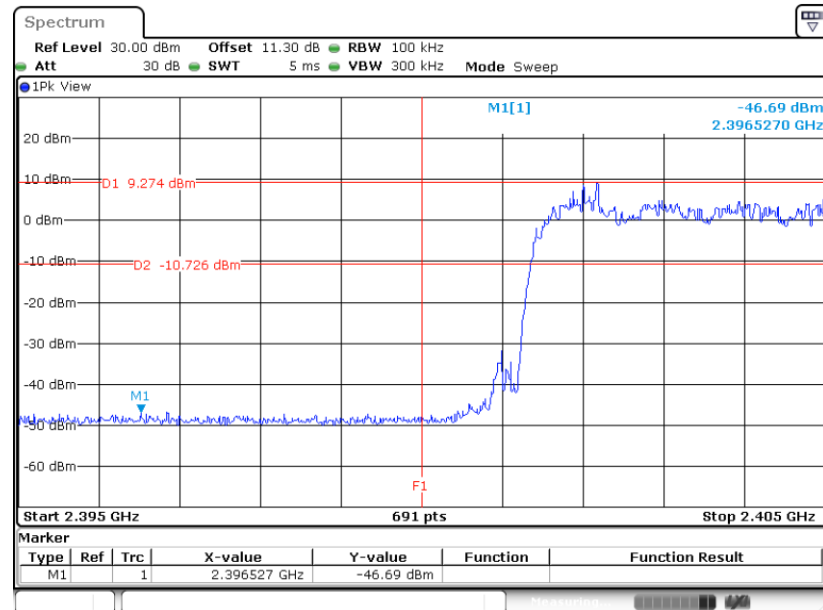


Date: 4 JAN 2026 11:12:52



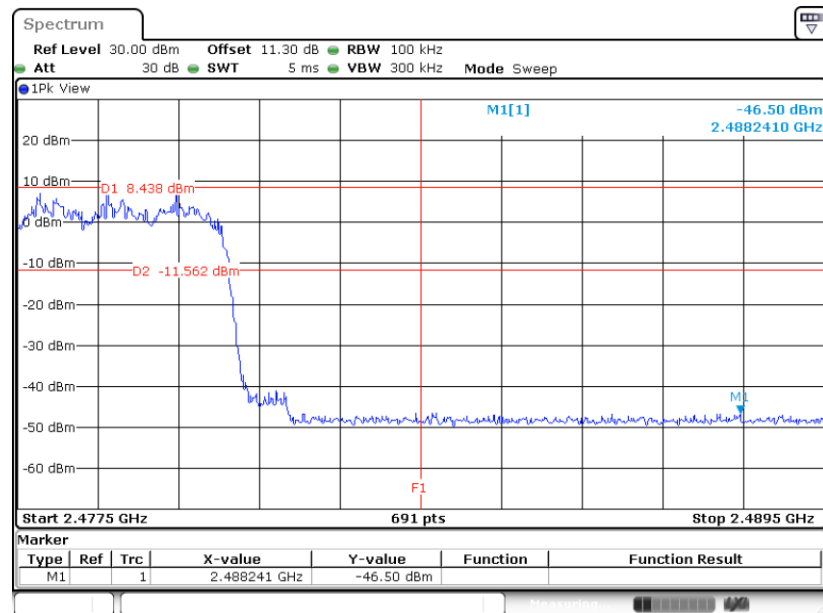
<3Mbps>

### Hopping Mode Low Band Edge Plot



Date: 4 JAN 2026 11:17:47

### Hopping Mode High Band Edge Plot



Date: 4 JAN 2026 11:25:27

## 3.7 Conducted Spurious Emission Measurement

### 3.7.1 Limit of Spurious Emission Measurement

In any 100 kHz bandwidth outside the intentional radiation frequency band, the radio frequency power shall be at least 20 dB below the highest level of the radiated power. In addition, radiated emissions which fall in the restricted bands must also comply with the radiated emission limits.

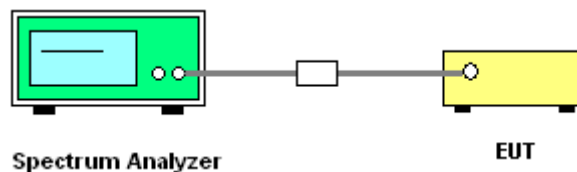
### 3.7.2 Measuring Instruments

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

### 3.7.3 Test Procedure

1. The testing follows ANSI C63.10-2020 clause 7.8.7.
2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.
3. Set to the maximum power setting and enable the EUT transmit continuously.
4. Set RBW = 100 kHz, VBW = 300kHz, scan up through 10th harmonic. All harmonics / spurs must be at least 20 dB down from the highest emission level within the authorized band as measured with a 100 kHz RBW.
5. Measure and record the results in the test report.
6. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

### 3.7.4 Test Setup

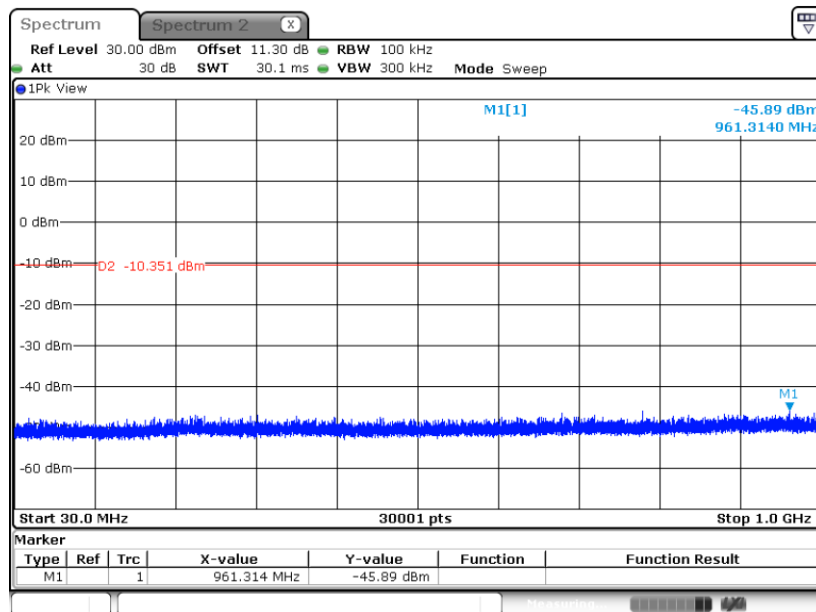




## 3.7.5 Test Result of Conducted Spurious Emission

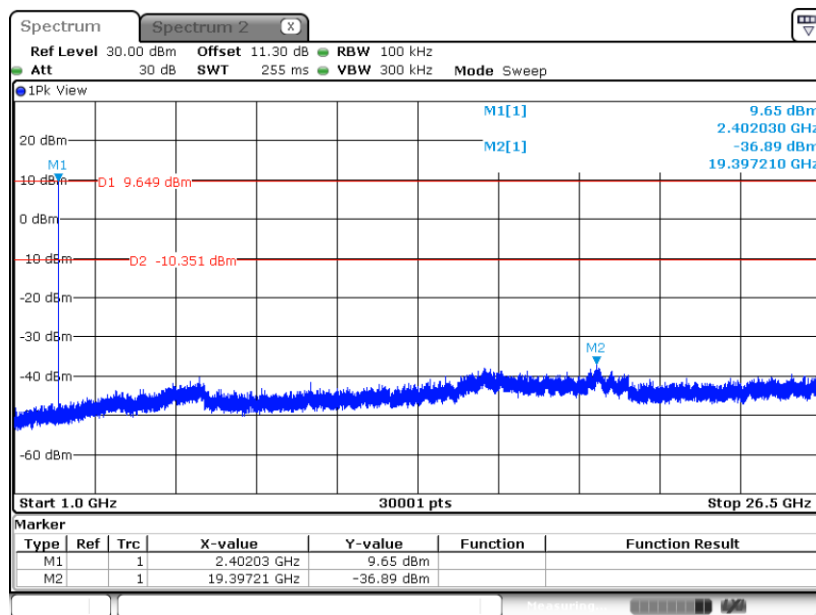
&lt;1Mbps&gt;

CSE Plot on Ch 00



Date: 31.DEC.2025 16:10:52

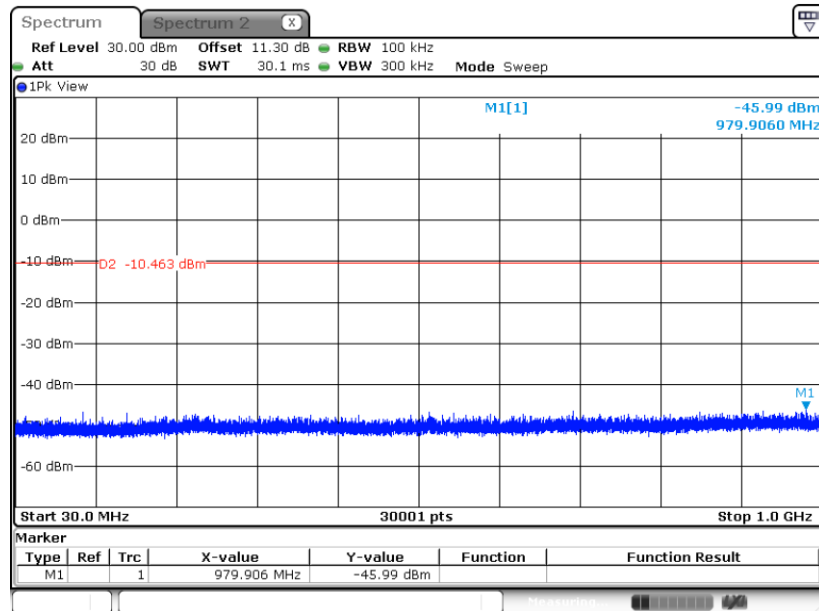
CSE Plot on Ch 00



Date: 31.DEC.2025 16:10:22

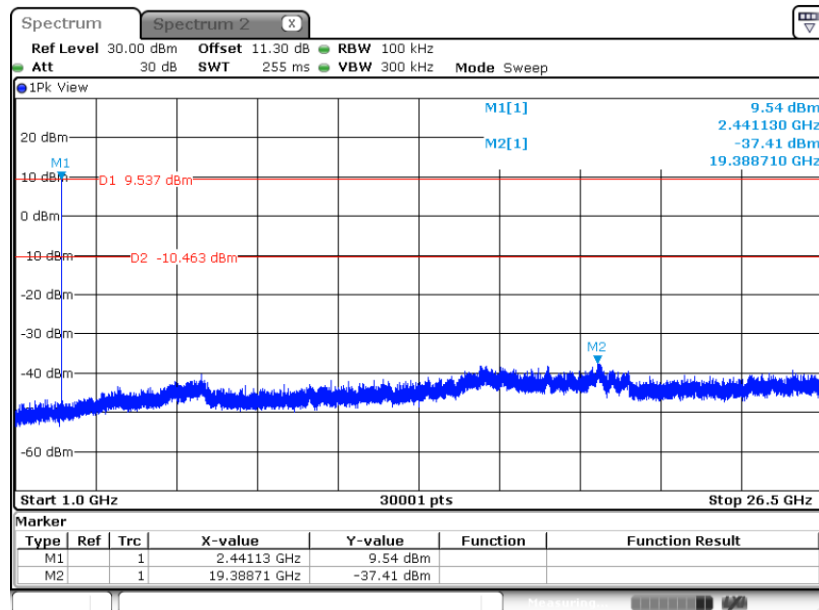


CSE Plot on Ch 39



Date: 31.DEC.2025 16:17:05

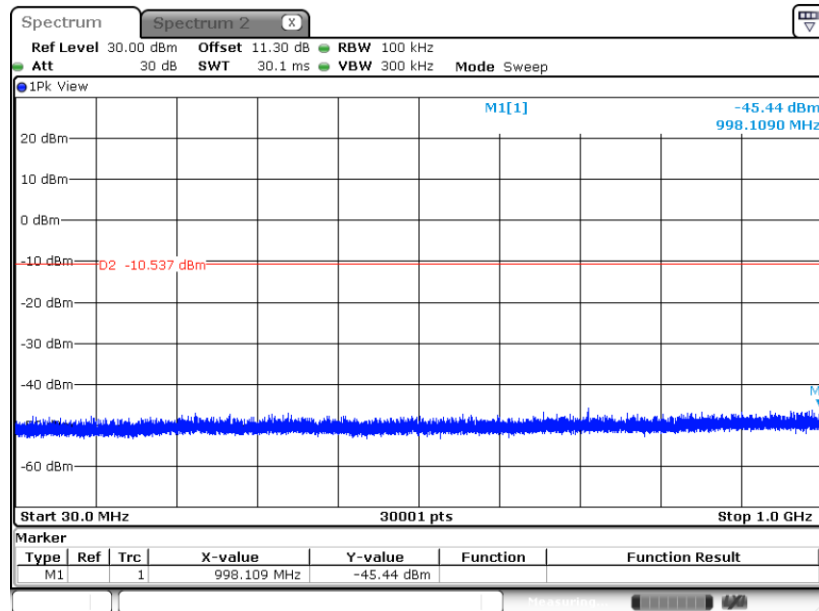
CSE Plot on Ch 39



Date: 31.DEC.2025 16:16:39

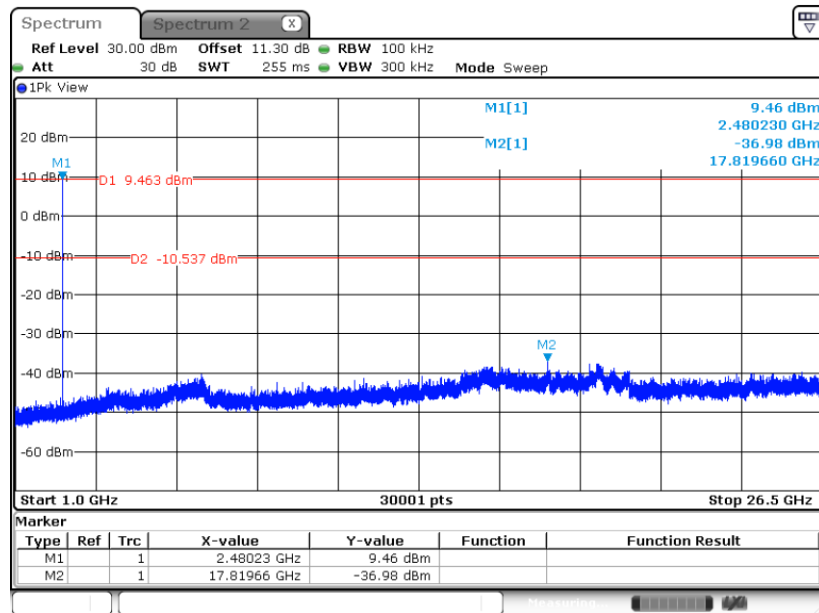


### CSE Plot on Ch 78



Date: 31.DEC.2025 16:20:41

### CSE Plot on Ch 78

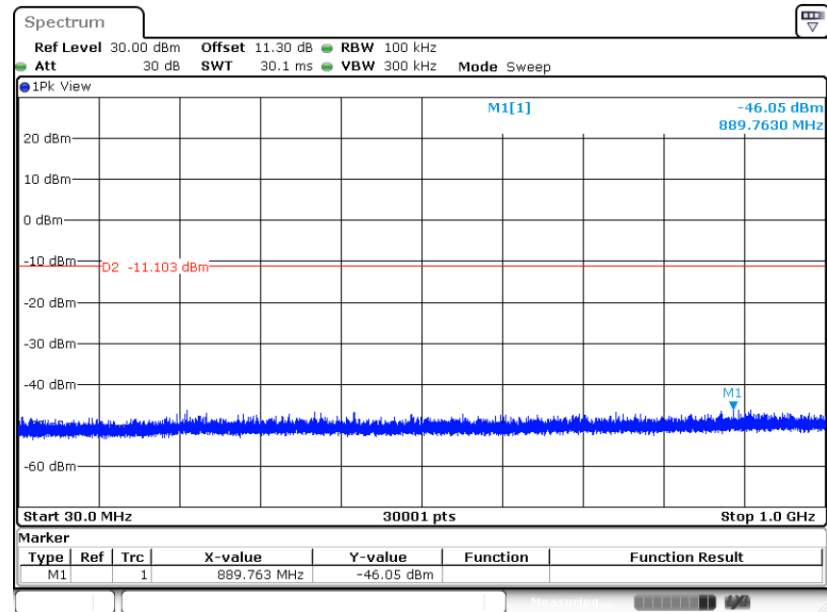


Date: 31.DEC.2025 16:20:13

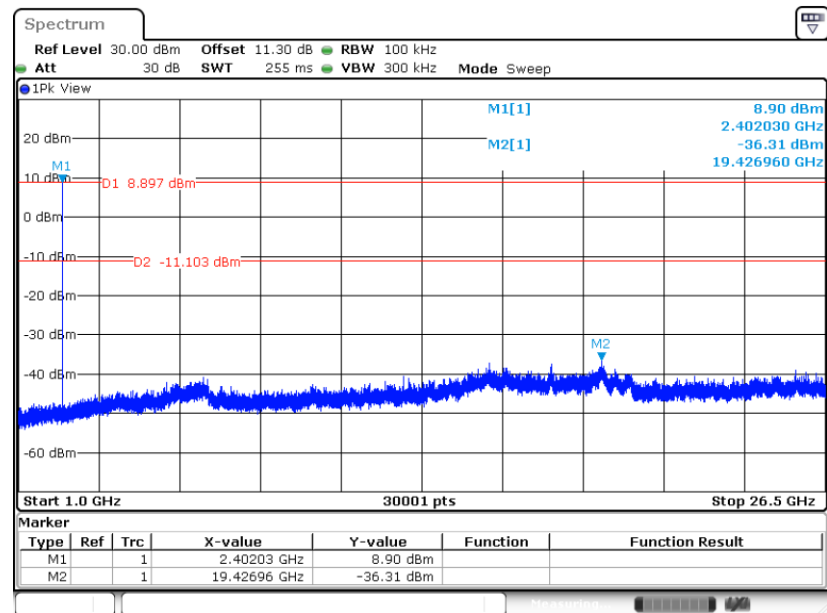


&lt;2Mbps&gt;

CSE Plot on Ch 00

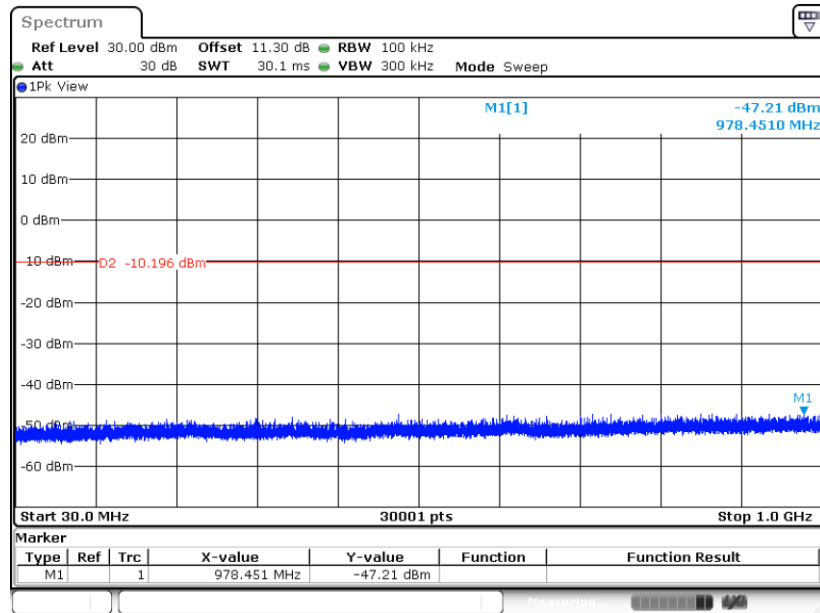


CSE Plot on Ch 00



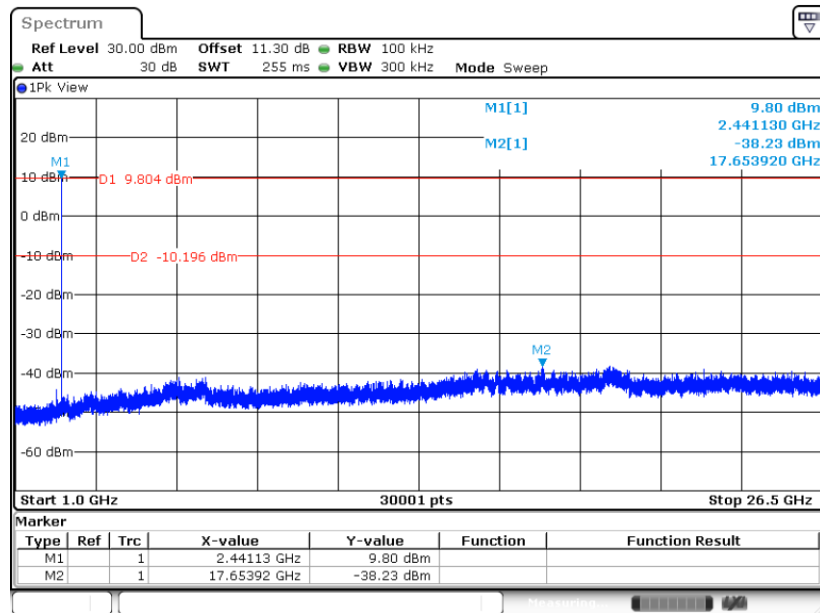


CSE Plot on Ch 39



Date: 7.JAN.2026 15:07:41

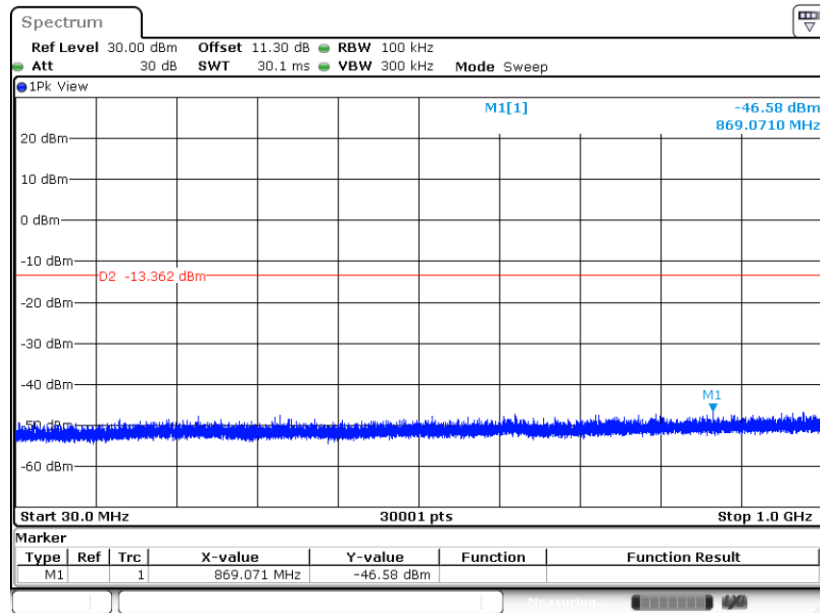
CSE Plot on Ch 39



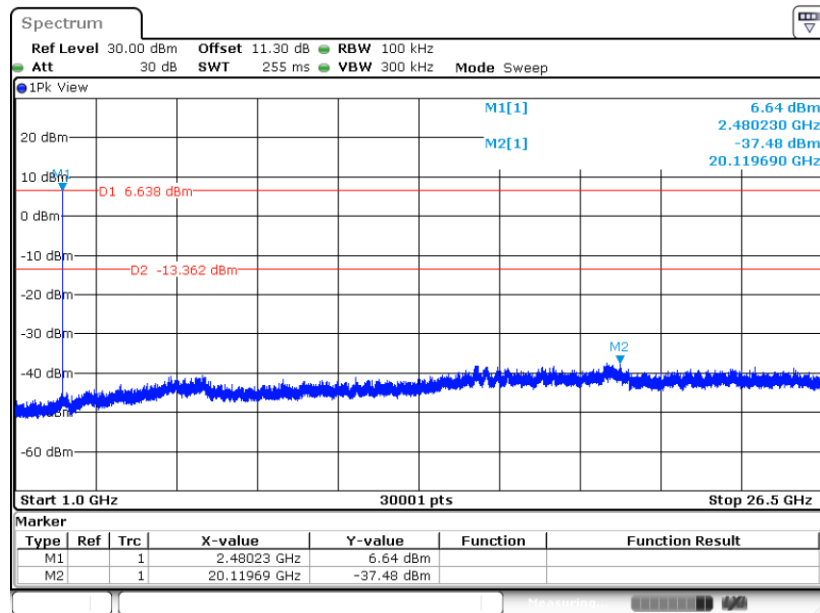
Date: 7.JAN.2026 15:07:13



CSE Plot on Ch 78



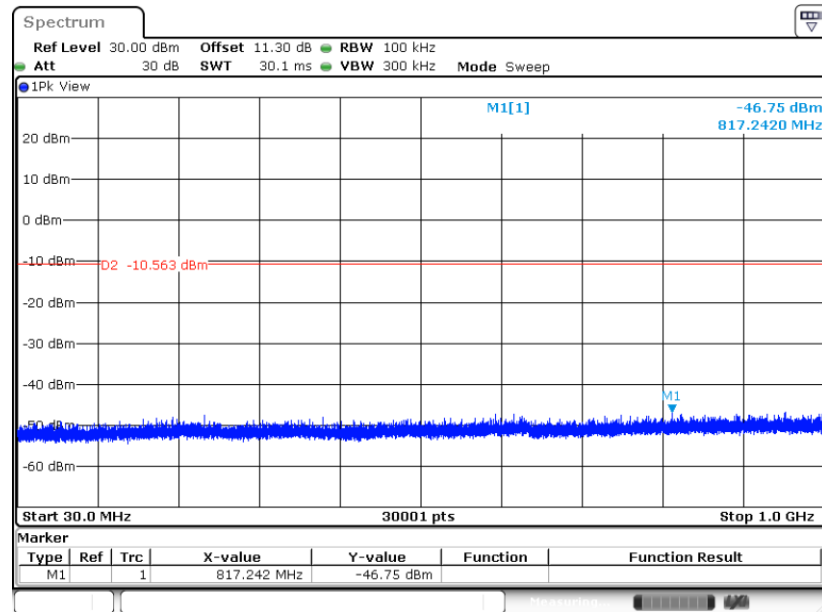
CSE Plot on Ch 78





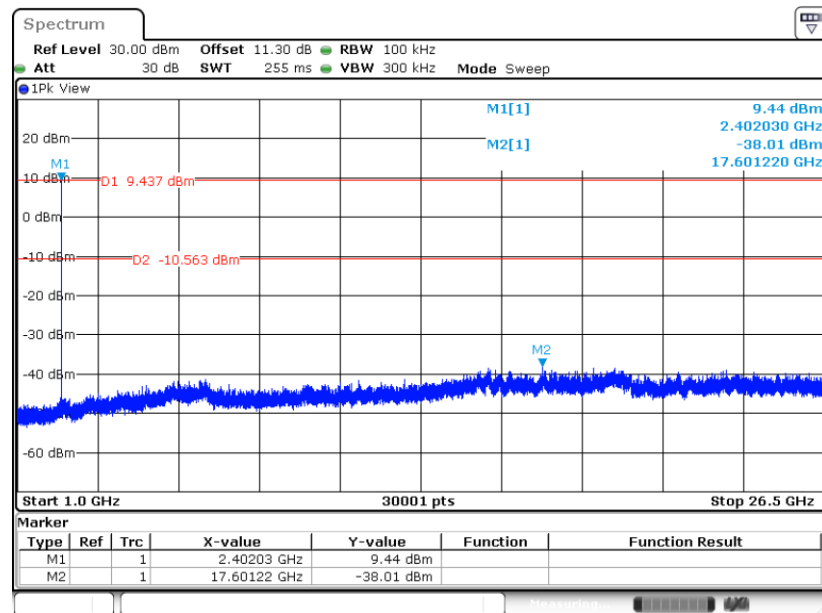
<3Mbps>

CSE Plot on Ch 00



Date: 7.JAN.2026 15:22:29

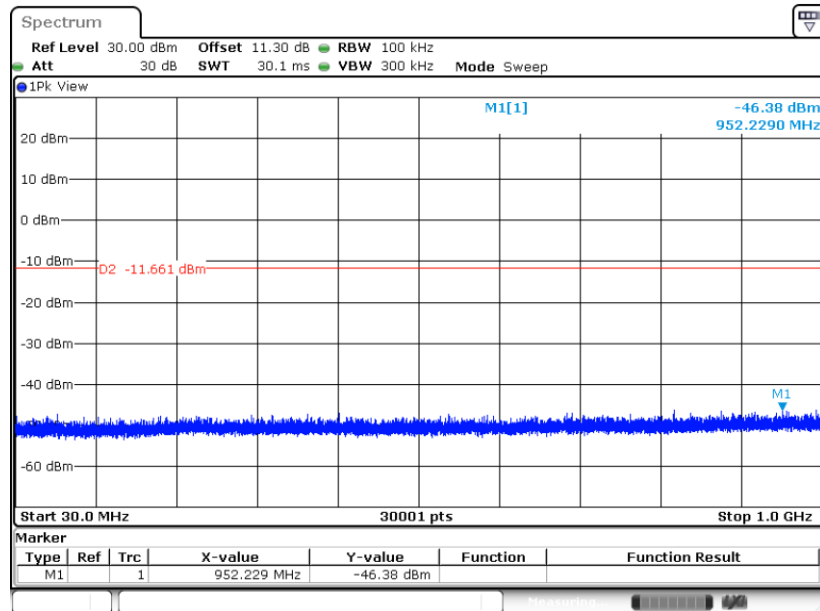
CSE Plot on Ch 00



Date: 7.JAN.2026 15:21:37

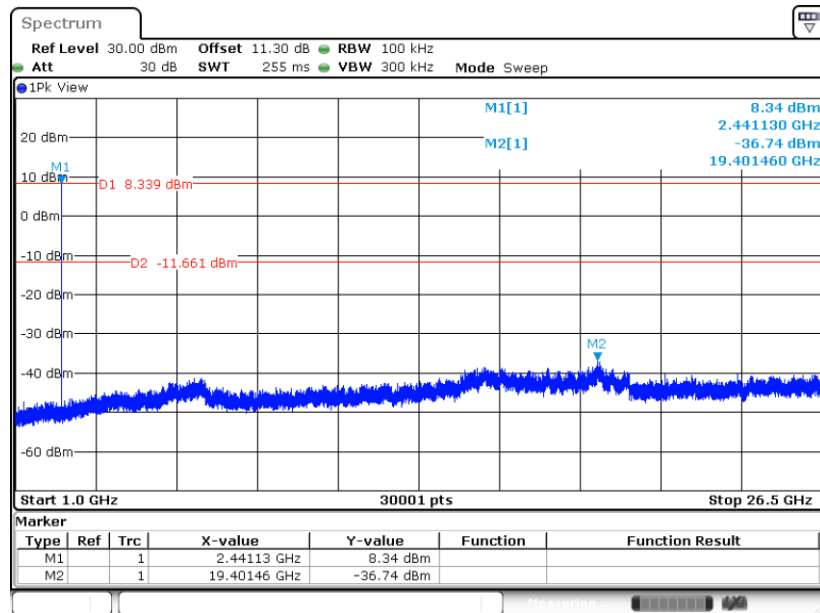


CSE Plot on Ch 39



Date: 4. JAN 2026 11:20:57

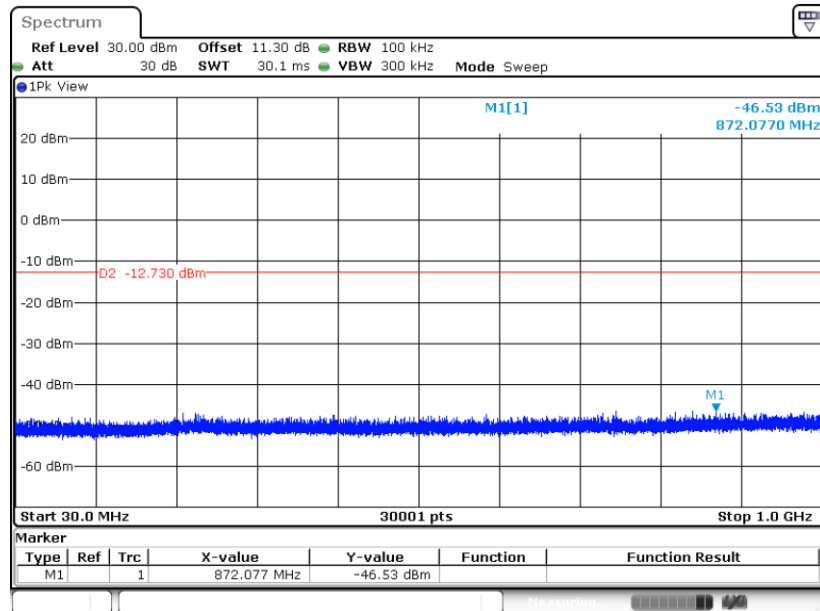
CSE Plot on Ch 39



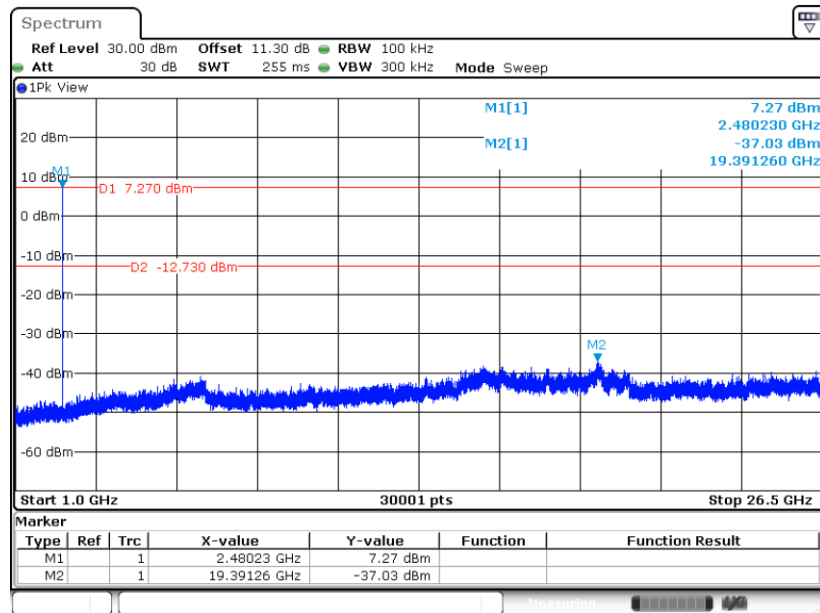
Date: 4. JAN 2026 11:20:20



## CSE Plot on Ch 78



## CSE Plot on Ch 78





### 3.8 Radiated Band Edges and Spurious Emission Measurement

#### 3.8.1 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                                |

#### 3.8.2 Measuring Instruments

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



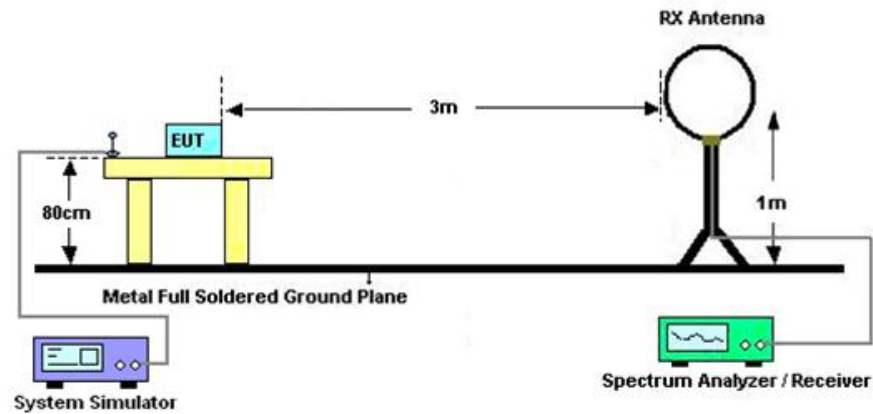
### 3.8.3 Test Procedures

1. The testing follows ANSI C63.10-2020 clause 6.3, 6.5 and 6.6.
2. 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.
3. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
4. 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.
5. Set to the maximum power setting and enable the EUT transmit continuously.
6. Use the following spectrum analyzer settings:
  - (1) Span shall wide enough to fully capture the emission being measured;
  - (2) Set RBW=100 kHz for  $f < 1 \text{ GHz}$ , RBW=1MHz for  $f > 1\text{GHz}$  ; 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  
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 +  $20 * \log(\text{Duty cycle})$
7. Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level
8. 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.
9. 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.

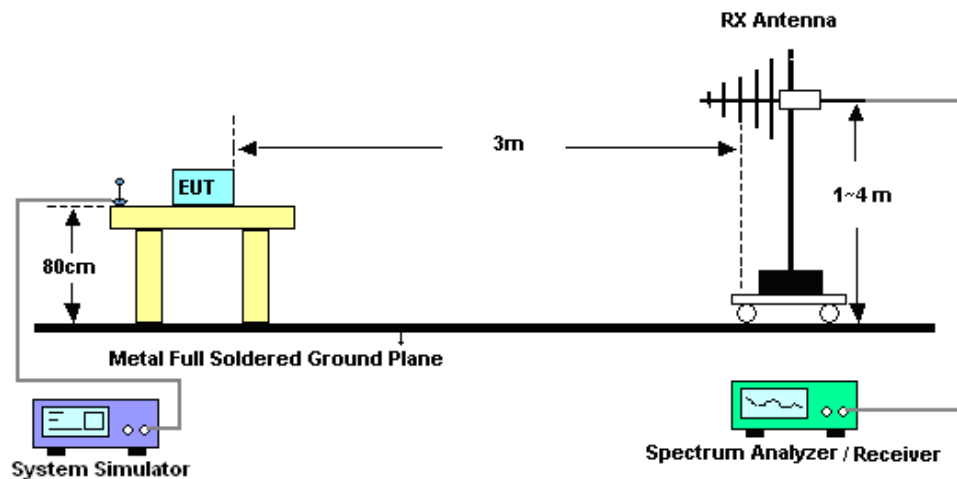
Note: The average levels were calculated from the peak level corrected with duty cycle correction factor (-24.79dB) derived from  $20\log(\text{dwell time}/100\text{ms})$ . This correction is only for signals that hop with the fundamental signal, such as band-edge and harmonic. Other spurious signals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

### 3.8.4 Test Setup

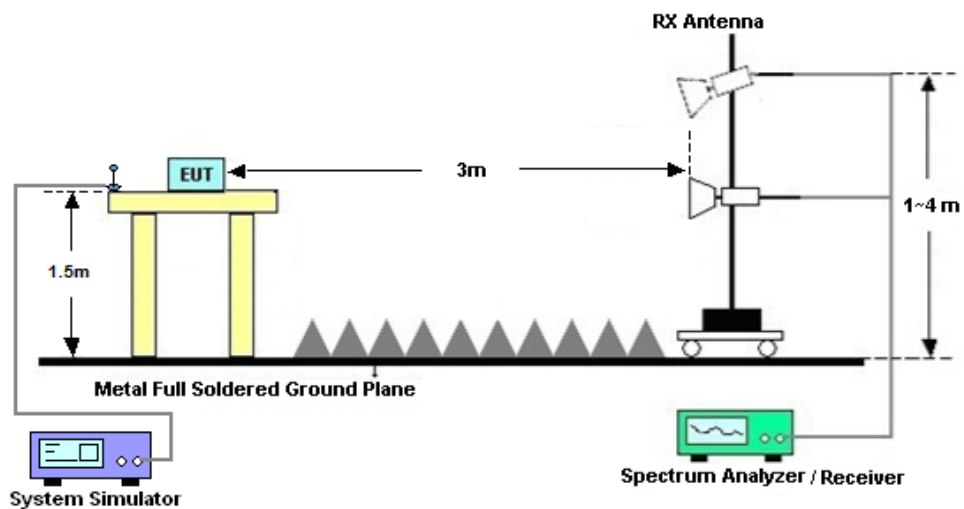
For radiated emissions below 30MHz



For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz



**3.8.5 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.

**3.8.6 Test Result of Radiated Spurious at Band Edges**

Please refer to Appendix C.

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

Please refer to Appendix C.

**3.8.8 Duty cycle correction factor for average measurement**

Please refer to Appendix D.

## 3.9 AC Conducted Emission Measurement

### 3.9.1 Limit of AC Conducted Emission

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

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

\*Decreases with the logarithm of the frequency.

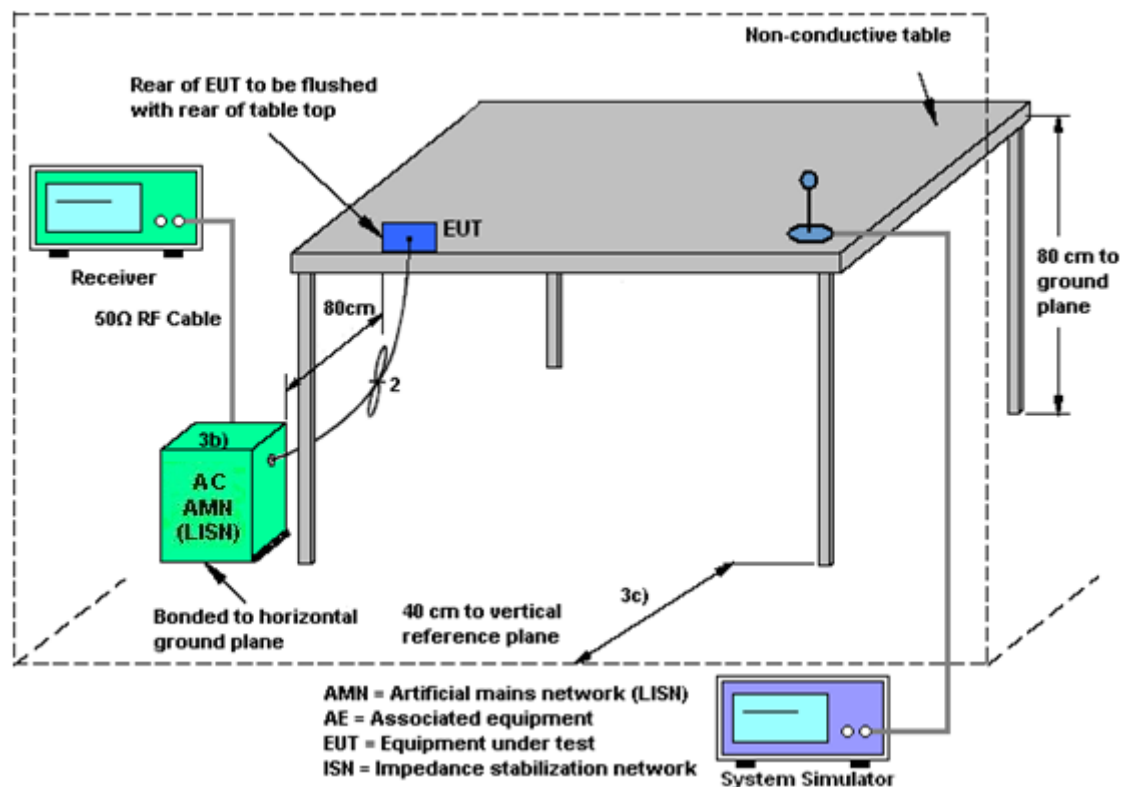
### 3.9.2 Measuring Instruments

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

### 3.9.3 Test Procedures

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

### 3.9.4 Test Setup



### 3.9.5 Test Result of AC Conducted Emission

Please refer to Appendix B.



### **3.10 Antenna Requirements**

#### **3.10.1 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.

#### **3.10.2 Antenna Anti-Replacement Construction**

An embedded-in antenna design is used.

#### **3.10.3 Antenna Gain**

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



## 4 List of Measuring Equipment

| Instrument                 | Manufacturer         | Model No.                | Serial No.   | Characteristics | Calibration Date | Test Date                   | Due Date      | Remark                |
|----------------------------|----------------------|--------------------------|--------------|-----------------|------------------|-----------------------------|---------------|-----------------------|
| Spectrum Analyzer          | R&S                  | FSV40                    | 101078       | 10Hz~40GHz      | Apr. 02, 2025    | Dec. 30, 2025~Jan. 07, 2026 | Apr. 01, 2026 | Conducted (TH01-SZ)   |
| Pulse Power Sensor         | Anritsu              | MA2411B                  | 1339473      | 30MHz~40GHz     | Dec. 24, 2025    | Dec. 30, 2025~Jan. 07, 2026 | Dec. 23, 2026 | Conducted (TH01-SZ)   |
| Power Meter                | Anritsu              | ML2495A                  | 1218010      | 50MHz Bandwidth | Oct. 14, 2025    | Dec. 30, 2025~Jan. 07, 2026 | Oct. 13, 2026 | Conducted (TH01-SZ)   |
| EMI Receiver               | R&S                  | ESR7                     | 102297       | 9kHz~7GHz;      | Jul. 03, 2025    | Jan. 08, 2026               | Jul. 02, 2026 | Conduction (CO02-SZ)  |
| AC LISN                    | R&S                  | ENV216                   | 101499       | 9kHz~30MHz      | Jul. 03, 2025    | Jan. 08, 2026               | Jul. 02, 2026 | Conduction (CO02-SZ)  |
| AC Power Source            | CHROMA               | 61601                    | 616010002470 | 100Vac~250Vac   | Dec.25, 2025     | Jan. 08, 2026               | Dec. 24, 2026 | Conduction (CO02-SZ)  |
| EMI Test Receiver          | R&S                  | ESR7                     | 101404       | 9kHz~7GHz       | Oct. 15, 2025    | Jan. 06, 2026               | Oct. 14, 2026 | Radiation (03CH04-SZ) |
| EXA Spectrum Analyzer      | KEYSIGHT             | N9010A                   | MY55150213   | 10Hz~44GHz      | Jul. 03, 2025    | Jan. 06, 2026               | Jul. 02, 2026 | Radiation (03CH04-SZ) |
| Loop Antenna               | R&S                  | HFH2-Z2E                 | 101141       | 9kHz~30MHz      | Dec. 25, 2025    | Jan. 06, 2026               | Dec. 24, 2026 | Radiation (03CH04-SZ) |
| Bilog Antenna              | TeseQ                | CBL6111D                 | 41909        | 30MHz~1GHz      | Apr. 21, 2025    | Jan. 06, 2026               | Apr. 20, 2026 | Radiation (03CH04-SZ) |
| Double Ridge Guide Antenna | ETS-Lindgren         | Burgeon-3117             | 00240057     | 1GHz~18GHz      | Jun. 26, 2025    | Jan. 06, 2026               | Jun. 25, 2026 | Radiation (03CH04-SZ) |
| Horn Antenna               | SCHWARZBECK          | BBHA9170                 | 9170#679     | 15GHz~40GHz     | Jul. 04, 2025    | Jan. 06, 2026               | Jul. 03, 2026 | Radiation (03CH04-SZ) |
| LF Amplifier               | EM Electronics       | EM330                    | 060773       | 20MHz~3GHz      | Apr. 02, 2025    | Jan. 06, 2026               | Apr. 01, 2026 | Radiation (03CH04-SZ) |
| HF Amplifier               | MITEQ                | AMF-7D-00101800-30-10P-R | 1943528      | 1GHz~18GHz      | Oct. 13, 2025    | Jan. 06, 2026               | Oct. 12, 2026 | Radiation (03CH04-SZ) |
| HF Amplifier               | MITEQ                | TTA1840-35-HG            | 1871923      | 18GHz~40GHz     | Jul. 02, 2025    | Jan. 06, 2026               | Jul. 01, 2026 | Radiation (03CH04-SZ) |
| Amplifier                  | Agilent Technologies | 83017A                   | MY57280136   | 500MHz~26.5G Hz | Jul. 03, 2025    | Jan. 06, 2026               | Jul. 02, 2026 | Radiation (03CH04-SZ) |
| AC Power Source            | APC                  | AFV-S-600B               | F119050019   | N/A             | Oct. 14, 2025    | Jan. 06, 2026               | Oct. 13, 2026 | Radiation (03CH04-SZ) |
| Turn Table                 | EM                   | EM1000                   | N/A          | 0~360 degree    | NCR              | Jan. 06, 2026               | NCR           | Radiation (03CH04-SZ) |
| Antenna Mast               | EM                   | EM1000                   | N/A          | 1 m~4 m         | NCR              | Jan. 06, 2026               | NCR           | Radiation (03CH04-SZ) |

NCR: No Calibration Required

## 5 Measurement Uncertainty

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

### Uncertainty of Conducted Measurement

| Test Item                              | Uncertainty |
|----------------------------------------|-------------|
| Conducted Spurious Emission & Bandedge | ±1.34 dB    |
| Occupied Channel Bandwidth             | ±0.012 MHz  |
| Conducted Power                        | ±1.34 dB    |
| Conducted Power Spectral Density       | ±1.32 dB    |
| Frequency                              | ±1.3 Hz     |

### Uncertainty of AC Conducted Emission Measurement (0.15 MHz ~ 30 MHz)

|                                                                     |        |
|---------------------------------------------------------------------|--------|
| Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y)) | 2.5 dB |
|---------------------------------------------------------------------|--------|

### Uncertainty of Radiated Emission Measurement (9 KHz ~ 30 MHz)

|                                                                     |        |
|---------------------------------------------------------------------|--------|
| Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y)) | 5.1 dB |
|---------------------------------------------------------------------|--------|

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

|                                                                     |        |
|---------------------------------------------------------------------|--------|
| Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y)) | 5.1 dB |
|---------------------------------------------------------------------|--------|

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

|                                                                     |        |
|---------------------------------------------------------------------|--------|
| Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y)) | 4.8 dB |
|---------------------------------------------------------------------|--------|

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

|                                                                     |        |
|---------------------------------------------------------------------|--------|
| Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y)) | 5.1 dB |
|---------------------------------------------------------------------|--------|

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



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

**Appendix A. Test Result of Conducted Test Items**

|                |                     |                    |       |    |
|----------------|---------------------|--------------------|-------|----|
| Test Engineer: | Haydn Chen          | Temperature:       | 21~25 | °C |
| Test Date:     | 2025/12/30~2026/1/7 | Relative Humidity: | 51~54 | %  |

**TEST RESULTS DATA****20dB and 99% Occupied Bandwidth and Hopping Channel Separation**

| Mod. | Data Rate | NTX | CH. | Freq. (MHz) | 20dB BW (MHz) | 99% Bandwidth (MHz) | Hopping Channel Separation Measurement (MHz) | Hopping Channel Separation Measurement Limit (MHz) | Pass/Fail |
|------|-----------|-----|-----|-------------|---------------|---------------------|----------------------------------------------|----------------------------------------------------|-----------|
| DH   | 1Mbps     | 1   | 0   | 2402        | 0.826         | 0.753               | 0.994                                        | 0.5507                                             | Pass      |
| DH   | 1Mbps     | 1   | 39  | 2441        | 0.865         | 0.755               | 0.999                                        | 0.5768                                             | Pass      |
| DH   | 1Mbps     | 1   | 78  | 2480        | 0.865         | 0.755               | 0.994                                        | 0.5768                                             | Pass      |
| 2DH  | 2Mbps     | 1   | 0   | 2402        | 1.265         | 1.143               | 0.990                                        | 0.8435                                             | Pass      |
| 2DH  | 2Mbps     | 1   | 39  | 2441        | 1.261         | 1.141               | 0.994                                        | 0.8406                                             | Pass      |
| 2DH  | 2Mbps     | 1   | 78  | 2480        | 1.261         | 1.143               | 1.007                                        | 0.8406                                             | Pass      |
| 3DH  | 3Mbps     | 1   | 0   | 2402        | 1.270         | 1.145               | 0.999                                        | 0.8464                                             | Pass      |
| 3DH  | 3Mbps     | 1   | 39  | 2441        | 1.270         | 1.145               | 0.990                                        | 0.8464                                             | Pass      |
| 3DH  | 3Mbps     | 1   | 78  | 2480        | 1.270         | 1.147               | 0.994                                        | 0.8464                                             | Pass      |

**TEST RESULTS DATA****Dwell Time**

| Mod.  | Hopping Channel Number Rate | Hops Over Occupancy Time(hops) | Package Transfer Time (msec) | Dwell Time (sec) | Limits (sec) | Pass/Fail |
|-------|-----------------------------|--------------------------------|------------------------------|------------------|--------------|-----------|
| Nomal | 79                          | 106.67                         | 2.90                         | 0.31             | 0.4          | Pass      |
| AFH   | 20                          | 53.33                          | 2.90                         | 0.15             | 0.4          | Pass      |

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

| DH   | CH. | NTX | Peak Power (dBm) | Power Level | Power Limit (dBm) | Test Result |
|------|-----|-----|------------------|-------------|-------------------|-------------|
| DH5  | 0   | 1   | 10.10            | Default     | 20.97             | Pass        |
|      | 39  | 1   | 10.30            | Default     | 20.97             | Pass        |
|      | 78  | 1   | 10.00            | Default     | 20.97             | Pass        |
| 2DH5 | 0   | 1   | 9.20             | Default     | 20.97             | Pass        |
|      | 39  | 1   | 9.60             | Default     | 20.97             | Pass        |
|      | 78  | 1   | 9.30             | Default     | 20.97             | Pass        |
| 3DH5 | 0   | 1   | 9.30             | Default     | 20.97             | Pass        |
|      | 39  | 1   | 9.80             | Default     | 20.97             | Pass        |
|      | 78  | 1   | 9.50             | Default     | 20.97             | Pass        |

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

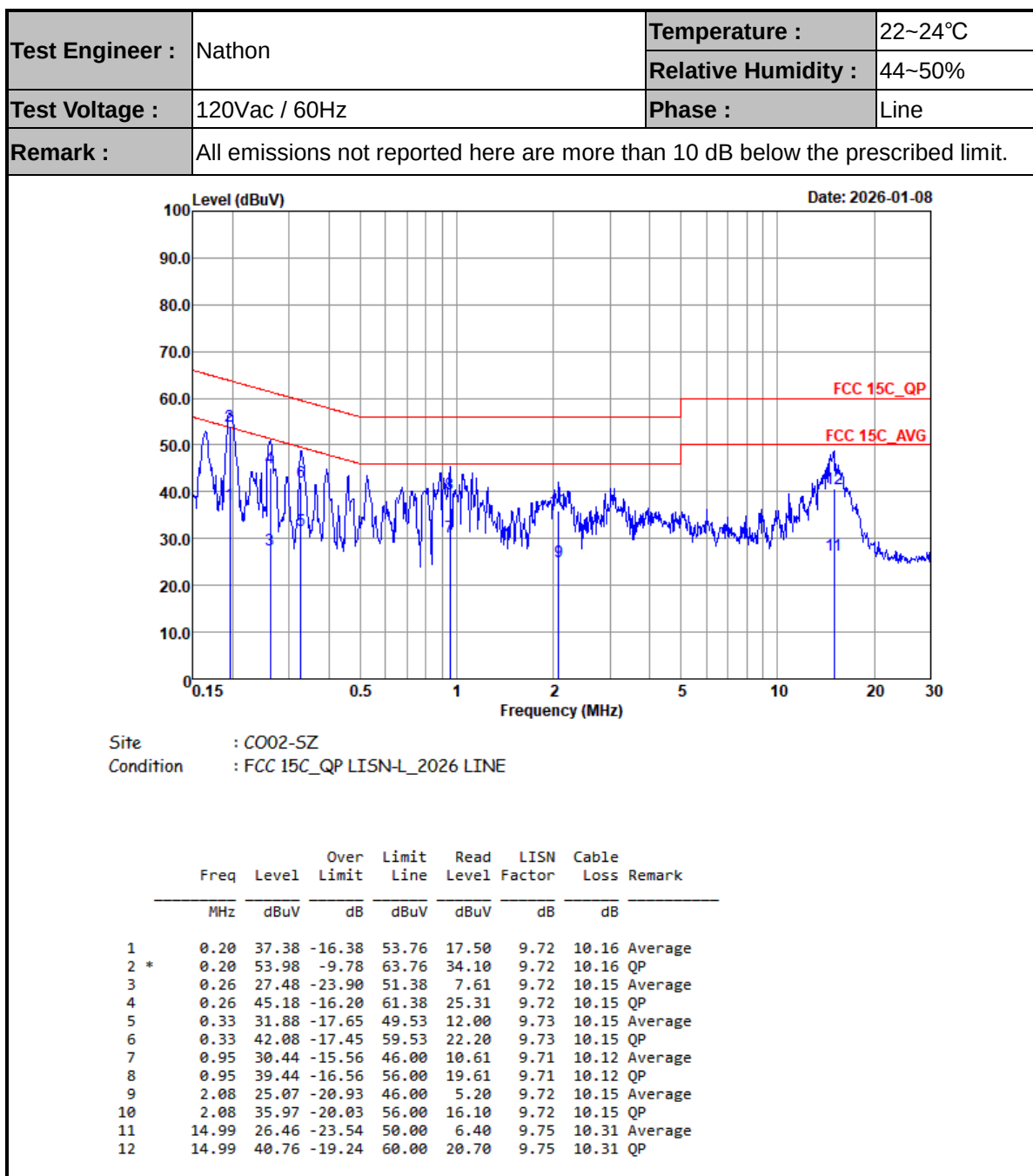
| DH   | CH. | NTX | Average Power (dBm) | Duty Factor (dB) |
|------|-----|-----|---------------------|------------------|
| DH5  | 0   | 1   | 9.60                | 1.89             |
|      | 39  | 1   | 9.60                | 1.89             |
|      | 78  | 1   | 9.30                | 1.89             |
| 2DH5 | 0   | 1   | 6.50                | 1.15             |
|      | 39  | 1   | 6.70                | 1.15             |
|      | 78  | 1   | 6.50                | 1.15             |
| 3DH5 | 0   | 1   | 6.50                | 1.12             |
|      | 39  | 1   | 6.70                | 1.12             |
|      | 78  | 1   | 6.50                | 1.12             |

**TEST RESULTS DATA****Number of Hopping Frequency**

| Number of Hopping (Channel) | Adaptive Frequency Hopping (Channel) | Limits (Channel) | Pass/Fail |
|-----------------------------|--------------------------------------|------------------|-----------|
| 79                          | 20                                   | > 15             | Pass      |

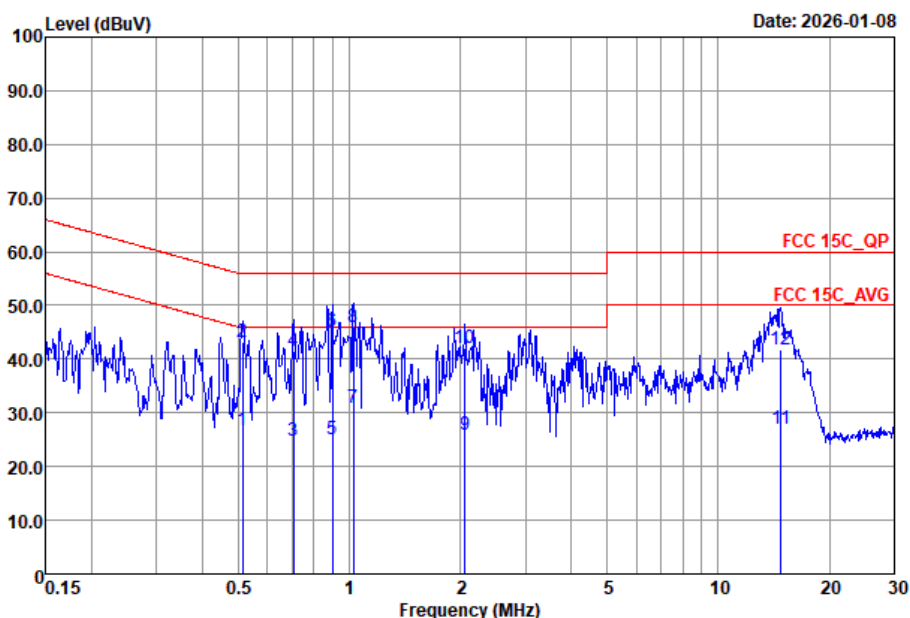


## Appendix B. AC Conducted Emission Test Results





|                 |                                                                                 |                     |         |
|-----------------|---------------------------------------------------------------------------------|---------------------|---------|
| Test Engineer : | Nathon                                                                          | Temperature :       | 22~24°C |
|                 |                                                                                 | Relative Humidity : | 44~50%  |
| Test Voltage :  | 120Vac / 60Hz                                                                   | Phase :             | Neutral |
| Remark :        | All emissions not reported here are more than 10 dB below the prescribed limit. |                     |         |



Site : CO02-SZ  
Condition : FCC 15C\_QP LISN-N\_2026 NEUTRAL

|     | Freq  | Level | Over   | Limit | Read  | LISN   | Cable | Remark  |
|-----|-------|-------|--------|-------|-------|--------|-------|---------|
|     | MHz   | dBuV  | Limit  | Line  | Level | Factor | Loss  |         |
|     |       |       | dB     | dBuV  | dBuV  | dB     | dB    |         |
| 1   | 0.51  | 26.86 | -19.14 | 46.00 | 7.00  | 9.72   | 10.14 | Average |
| 2   | 0.51  | 43.16 | -12.84 | 56.00 | 23.30 | 9.72   | 10.14 | QP      |
| 3   | 0.70  | 24.69 | -21.31 | 46.00 | 4.80  | 9.76   | 10.13 | Average |
| 4   | 0.70  | 41.49 | -14.51 | 56.00 | 21.60 | 9.76   | 10.13 | QP      |
| 5   | 0.90  | 25.19 | -20.81 | 46.00 | 5.30  | 9.77   | 10.12 | Average |
| 6   | 0.90  | 45.09 | -10.91 | 56.00 | 25.20 | 9.77   | 10.12 | QP      |
| 7   | 1.03  | 30.89 | -15.11 | 46.00 | 11.00 | 9.77   | 10.12 | Average |
| 8 * | 1.03  | 45.99 | -10.01 | 56.00 | 26.10 | 9.77   | 10.12 | QP      |
| 9   | 2.05  | 26.01 | -19.99 | 46.00 | 6.10  | 9.76   | 10.15 | Average |
| 10  | 2.05  | 42.11 | -13.89 | 56.00 | 22.20 | 9.76   | 10.15 | QP      |
| 11  | 14.75 | 26.89 | -23.11 | 50.00 | 6.80  | 9.78   | 10.31 | Average |
| 12  | 14.75 | 41.79 | -18.21 | 60.00 | 21.70 | 9.78   | 10.31 | QP      |

Note:

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



## Appendix C Radiated Spurious Emission Test Data

|                 |               |                     |        |
|-----------------|---------------|---------------------|--------|
| Test Engineer : | HuaCong Liang | Relative Humidity : | 48~49% |
|                 |               | Temperature :       | 24~25℃ |

## Radiated Spurious Emission Test Modes

| Mode   | Band (MHz)  | Antenna | Modulation           | Channel | Frequency | Data Rate | RU | Remark |
|--------|-------------|---------|----------------------|---------|-----------|-----------|----|--------|
| Mode 1 | 2400-2483.5 | 4       | Bluetooth BR_GFSK    | 00      | 2402      | 1DH5      | -  | -      |
| Mode 2 | 2400-2483.5 | 4       | Bluetooth BR_GFSK    | 39      | 2441      | 1DH5      | -  | -      |
| Mode 3 | 2400-2483.5 | 4       | Bluetooth BR_GFSK    | 78      | 2480      | 1DH5      | -  | -      |
| Mode 4 | 2400-2483.5 | 4       | Bluetooth BR_GFSK-LF | 78      | 2480      | 1DH5      | -  | -      |

## 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 BR_GFSK    | 00  | 2326.49     | 45.52          | 74.00          | -28.48      | H    | PEAK      | Pass   | Band Edge |
| 1    | Bluetooth BR_GFSK    | 00  | 4804.00     | 51.53          | 74.00          | -22.47      | V    | Peak      | Pass   | Harmonic  |
| 2    | Bluetooth BR_GFSK    | 39  | -           | -              | -              | -           | -    | -         | -      | Band Edge |
| 2    | Bluetooth BR_GFSK    | 39  | 4882.00     | 52.55          | 74.00          | -21.45      | V    | Peak      | Pass   | Harmonic  |
| 3    | Bluetooth BR_GFSK    | 78  | 2484.01     | 48.62          | 74.00          | -25.38      | H    | PEAK      | Pass   | Band Edge |
| 3    | Bluetooth BR_GFSK    | 78  | 4960.00     | 52.63          | 74.00          | -21.37      | V    | Peak      | Pass   | Harmonic  |
| 4    | Bluetooth BR_GFSK-LF | 78  | 834.13      | 30.73          | 46.00          | -15.27      | H    | Peak      | Pass   | LF        |



| Mode | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |             |        |        |        |        |        |        |            |            |  |      |       |      |      |       |        |      |        |  |        |  |     |        |        |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |     |         |   |         |       |       |        |       |       |      |       |     |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |       |        |      |     |       |        |      |      |  |      |       |      |      |       |        |      |        |  |        |  |     |        |        |      |      |    |    |    |     |   |         |        |       |        |       |      |       |     |         |   |         |       |       |       |       |      |       |     |            |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------|--------|--------|--------|--------|--------|------------|------------|--|------|-------|------|------|-------|--------|------|--------|--|--------|--|-----|--------|--------|------|------|----|----|----|-----|---|---------|-------|-------|--------|-------|-------|------|-------|-----|---------|---|---------|-------|-------|--------|-------|-------|------|-------|-----|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------|--------|------|-----|-------|--------|------|------|--|------|-------|------|------|-------|--------|------|--------|--|--------|--|-----|--------|--------|------|------|----|----|----|-----|---|---------|--------|-------|--------|-------|------|-------|-----|---------|---|---------|-------|-------|-------|-------|------|-------|-----|------------|
|      | Band Edge                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |             |        |        |        |        |        |        |            |            |  |      |       |      |      |       |        |      |        |  |        |  |     |        |        |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |     |         |   |         |       |       |        |       |       |      |       |     |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |       |        |      |     |       |        |      |      |  |      |       |      |      |       |        |      |        |  |        |  |     |        |        |      |      |    |    |    |     |   |         |        |       |        |       |      |       |     |         |   |         |       |       |       |       |      |       |     |            |
|      | 2400-2483.5_Bluetooth BR_GFSK_CH00_2402MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |             |        |        |        |        |        |        |            |            |  |      |       |      |      |       |        |      |        |  |        |  |     |        |        |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |     |         |   |         |       |       |        |       |       |      |       |     |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |       |        |      |     |       |        |      |      |  |      |       |      |      |       |        |      |        |  |        |  |     |        |        |      |      |    |    |    |     |   |         |        |       |        |       |      |       |     |         |   |         |       |       |       |       |      |       |     |            |
| ANT  | 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |             |        |        |        |        |        |        |            |            |  |      |       |      |      |       |        |      |        |  |        |  |     |        |        |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |     |         |   |         |       |       |        |       |       |      |       |     |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |       |        |      |     |       |        |      |      |  |      |       |      |      |       |        |      |        |  |        |  |     |        |        |      |      |    |    |    |     |   |         |        |       |        |       |      |       |     |         |   |         |       |       |       |       |      |       |     |            |
| Pol. | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Fundamental |        |        |        |        |        |        |            |            |  |      |       |      |      |       |        |      |        |  |        |  |     |        |        |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |     |         |   |         |       |       |        |       |       |      |       |     |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |       |        |      |     |       |        |      |      |  |      |       |      |      |       |        |      |        |  |        |  |     |        |        |      |      |    |    |    |     |   |         |        |       |        |       |      |       |     |         |   |         |       |       |       |       |      |       |     |            |
| Peak | <div><p>Level (dBuV/m) <span>Date: 2026-01-06</span></p><p>Frequency (MHz)</p><table><tr><th></th><th>Limit</th><th>Margin</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>(dB)</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th></th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2326.49</td><td>45.52</td><td>74.00</td><td>-28.48</td><td>41.03</td><td>30.36</td><td>6.80</td><td>32.67</td><td>100</td><td>59 PEAK</td></tr><tr><td>2</td><td>2326.49</td><td>20.73</td><td>54.00</td><td>-33.27</td><td>16.24</td><td>30.36</td><td>6.80</td><td>32.67</td><td>100</td><td>59 AVERAGE</td></tr></table></div> |             | Limit  | Margin | Read   | Ant    | Cable  | Preamp | APos       | TPos       |  | Freq | Level | Line | (dB) | Level | Factor | Loss | Factor |  | Remark |  | MHz | dBuV/m | dBuV/m | dBuV | dB/m | dB | dB | cm | deg | 1 | 2326.49 | 45.52 | 74.00 | -28.48 | 41.03 | 30.36 | 6.80 | 32.67 | 100 | 59 PEAK | 2 | 2326.49 | 20.73 | 54.00 | -33.27 | 16.24 | 30.36 | 6.80 | 32.67 | 100 | 59 AVERAGE | <div><p>Level (dBuV/m) <span>Date: 2026-01-06</span></p><p>Frequency (MHz)</p><table><tr><th></th><th>Limit</th><th>Margin</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>(dB)</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th></th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2402.00</td><td>104.79</td><td>-----</td><td>100.13</td><td>30.42</td><td>6.88</td><td>32.64</td><td>100</td><td>59 PEAK</td></tr><tr><td>2</td><td>2402.00</td><td>80.00</td><td>-----</td><td>75.34</td><td>30.42</td><td>6.88</td><td>32.64</td><td>100</td><td>59 AVERAGE</td></tr></table></div> |  | Limit | Margin | Read | Ant | Cable | Preamp | APos | TPos |  | Freq | Level | Line | (dB) | Level | Factor | Loss | Factor |  | Remark |  | MHz | dBuV/m | dBuV/m | dBuV | dB/m | dB | dB | cm | deg | 1 | 2402.00 | 104.79 | ----- | 100.13 | 30.42 | 6.88 | 32.64 | 100 | 59 PEAK | 2 | 2402.00 | 80.00 | ----- | 75.34 | 30.42 | 6.88 | 32.64 | 100 | 59 AVERAGE |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Limit       | Margin | Read   | Ant    | Cable  | Preamp | APos   | TPos       |            |  |      |       |      |      |       |        |      |        |  |        |  |     |        |        |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |     |         |   |         |       |       |        |       |       |      |       |     |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |       |        |      |     |       |        |      |      |  |      |       |      |      |       |        |      |        |  |        |  |     |        |        |      |      |    |    |    |     |   |         |        |       |        |       |      |       |     |         |   |         |       |       |       |       |      |       |     |            |
|      | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Level       | Line   | (dB)   | Level  | Factor | Loss   | Factor |            | Remark     |  |      |       |      |      |       |        |      |        |  |        |  |     |        |        |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |     |         |   |         |       |       |        |       |       |      |       |     |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |       |        |      |     |       |        |      |      |  |      |       |      |      |       |        |      |        |  |        |  |     |        |        |      |      |    |    |    |     |   |         |        |       |        |       |      |       |     |         |   |         |       |       |       |       |      |       |     |            |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | dBuV/m      | dBuV/m | dBuV   | dB/m   | dB     | dB     | cm     | deg        |            |  |      |       |      |      |       |        |      |        |  |        |  |     |        |        |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |     |         |   |         |       |       |        |       |       |      |       |     |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |       |        |      |     |       |        |      |      |  |      |       |      |      |       |        |      |        |  |        |  |     |        |        |      |      |    |    |    |     |   |         |        |       |        |       |      |       |     |         |   |         |       |       |       |       |      |       |     |            |
| 1    | 2326.49                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 45.52       | 74.00  | -28.48 | 41.03  | 30.36  | 6.80   | 32.67  | 100        | 59 PEAK    |  |      |       |      |      |       |        |      |        |  |        |  |     |        |        |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |     |         |   |         |       |       |        |       |       |      |       |     |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |       |        |      |     |       |        |      |      |  |      |       |      |      |       |        |      |        |  |        |  |     |        |        |      |      |    |    |    |     |   |         |        |       |        |       |      |       |     |         |   |         |       |       |       |       |      |       |     |            |
| 2    | 2326.49                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 20.73       | 54.00  | -33.27 | 16.24  | 30.36  | 6.80   | 32.67  | 100        | 59 AVERAGE |  |      |       |      |      |       |        |      |        |  |        |  |     |        |        |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |     |         |   |         |       |       |        |       |       |      |       |     |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |       |        |      |     |       |        |      |      |  |      |       |      |      |       |        |      |        |  |        |  |     |        |        |      |      |    |    |    |     |   |         |        |       |        |       |      |       |     |         |   |         |       |       |       |       |      |       |     |            |
|      | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Margin      | Read   | Ant    | Cable  | Preamp | APos   | TPos   |            |            |  |      |       |      |      |       |        |      |        |  |        |  |     |        |        |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |     |         |   |         |       |       |        |       |       |      |       |     |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |       |        |      |     |       |        |      |      |  |      |       |      |      |       |        |      |        |  |        |  |     |        |        |      |      |    |    |    |     |   |         |        |       |        |       |      |       |     |         |   |         |       |       |       |       |      |       |     |            |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Line        | (dB)   | Level  | Factor | Loss   | Factor |        | Remark     |            |  |      |       |      |      |       |        |      |        |  |        |  |     |        |        |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |     |         |   |         |       |       |        |       |       |      |       |     |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |       |        |      |     |       |        |      |      |  |      |       |      |      |       |        |      |        |  |        |  |     |        |        |      |      |    |    |    |     |   |         |        |       |        |       |      |       |     |         |   |         |       |       |       |       |      |       |     |            |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | dBuV/m      | dBuV/m | dBuV   | dB/m   | dB     | dB     | cm     | deg        |            |  |      |       |      |      |       |        |      |        |  |        |  |     |        |        |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |     |         |   |         |       |       |        |       |       |      |       |     |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |       |        |      |     |       |        |      |      |  |      |       |      |      |       |        |      |        |  |        |  |     |        |        |      |      |    |    |    |     |   |         |        |       |        |       |      |       |     |         |   |         |       |       |       |       |      |       |     |            |
| 1    | 2402.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 104.79      | -----  | 100.13 | 30.42  | 6.88   | 32.64  | 100    | 59 PEAK    |            |  |      |       |      |      |       |        |      |        |  |        |  |     |        |        |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |     |         |   |         |       |       |        |       |       |      |       |     |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |       |        |      |     |       |        |      |      |  |      |       |      |      |       |        |      |        |  |        |  |     |        |        |      |      |    |    |    |     |   |         |        |       |        |       |      |       |     |         |   |         |       |       |       |       |      |       |     |            |
| 2    | 2402.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 80.00       | -----  | 75.34  | 30.42  | 6.88   | 32.64  | 100    | 59 AVERAGE |            |  |      |       |      |      |       |        |      |        |  |        |  |     |        |        |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |     |         |   |         |       |       |        |       |       |      |       |     |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |       |        |      |     |       |        |      |      |  |      |       |      |      |       |        |      |        |  |        |  |     |        |        |      |      |    |    |    |     |   |         |        |       |        |       |      |       |     |         |   |         |       |       |       |       |      |       |     |            |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |             |        |        |        |        |        |        |            |            |  |      |       |      |      |       |        |      |        |  |        |  |     |        |        |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |     |         |   |         |       |       |        |       |       |      |       |     |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |       |        |      |     |       |        |      |      |  |      |       |      |      |       |        |      |        |  |        |  |     |        |        |      |      |    |    |    |     |   |         |        |       |        |       |      |       |     |         |   |         |       |       |       |       |      |       |     |            |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |             |        |        |        |        |        |        |            |            |  |      |       |      |      |       |        |      |        |  |        |  |     |        |        |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |     |         |   |         |       |       |        |       |       |      |       |     |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |       |        |      |     |       |        |      |      |  |      |       |      |      |       |        |      |        |  |        |  |     |        |        |      |      |    |    |    |     |   |         |        |       |        |       |      |       |     |         |   |         |       |       |       |       |      |       |     |            |



| Mode | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |             |        |        |        |        |        |        |             |             |  |      |       |      |      |       |        |      |        |  |        |  |     |        |        |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |     |          |   |         |       |       |        |       |       |      |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |       |        |      |     |       |        |      |      |  |      |       |      |      |       |        |      |        |  |        |  |     |        |        |      |      |    |    |    |     |   |         |        |       |       |       |      |       |     |          |   |         |       |       |       |       |      |       |     |             |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------|--------|--------|--------|--------|--------|-------------|-------------|--|------|-------|------|------|-------|--------|------|--------|--|--------|--|-----|--------|--------|------|------|----|----|----|-----|---|---------|-------|-------|--------|-------|-------|------|-------|-----|----------|---|---------|-------|-------|--------|-------|-------|------|-------|-----|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------|--------|------|-----|-------|--------|------|------|--|------|-------|------|------|-------|--------|------|--------|--|--------|--|-----|--------|--------|------|------|----|----|----|-----|---|---------|--------|-------|-------|-------|------|-------|-----|----------|---|---------|-------|-------|-------|-------|------|-------|-----|-------------|
|      | Band Edge                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |        |        |        |        |        |        |             |             |  |      |       |      |      |       |        |      |        |  |        |  |     |        |        |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |     |          |   |         |       |       |        |       |       |      |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |       |        |      |     |       |        |      |      |  |      |       |      |      |       |        |      |        |  |        |  |     |        |        |      |      |    |    |    |     |   |         |        |       |       |       |      |       |     |          |   |         |       |       |       |       |      |       |     |             |
|      | 2400-2483.5_Bluetooth BR_GFSK_CH00_2402MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |             |        |        |        |        |        |        |             |             |  |      |       |      |      |       |        |      |        |  |        |  |     |        |        |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |     |          |   |         |       |       |        |       |       |      |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |       |        |      |     |       |        |      |      |  |      |       |      |      |       |        |      |        |  |        |  |     |        |        |      |      |    |    |    |     |   |         |        |       |       |       |      |       |     |          |   |         |       |       |       |       |      |       |     |             |
| ANT  | 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |             |        |        |        |        |        |        |             |             |  |      |       |      |      |       |        |      |        |  |        |  |     |        |        |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |     |          |   |         |       |       |        |       |       |      |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |       |        |      |     |       |        |      |      |  |      |       |      |      |       |        |      |        |  |        |  |     |        |        |      |      |    |    |    |     |   |         |        |       |       |       |      |       |     |          |   |         |       |       |       |       |      |       |     |             |
| Pol. | Vertical                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Fundamental |        |        |        |        |        |        |             |             |  |      |       |      |      |       |        |      |        |  |        |  |     |        |        |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |     |          |   |         |       |       |        |       |       |      |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |       |        |      |     |       |        |      |      |  |      |       |      |      |       |        |      |        |  |        |  |     |        |        |      |      |    |    |    |     |   |         |        |       |       |       |      |       |     |          |   |         |       |       |       |       |      |       |     |             |
| Peak | <div><div><div>Level (dBuV/m)</div><div><div>Date: 2026-01-06</div><div>Frequency (MHz)</div></div></div><table><thead><tr><th></th><th>Limit</th><th>Margin</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>(dB)</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th></th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr></thead><tbody><tr><td>1</td><td>2326.28</td><td>45.36</td><td>74.00</td><td>-28.64</td><td>40.87</td><td>30.36</td><td>6.80</td><td>32.67</td><td>400</td><td>120 PEAK</td></tr><tr><td>2</td><td>2326.28</td><td>20.57</td><td>54.00</td><td>-33.43</td><td>16.08</td><td>30.36</td><td>6.80</td><td>32.67</td><td>400</td><td>120 AVERAGE</td></tr></tbody></table></div> |             | Limit  | Margin | Read   | Ant    | Cable  | Preamp | APos        | TPos        |  | Freq | Level | Line | (dB) | Level | Factor | Loss | Factor |  | Remark |  | MHz | dBuV/m | dBuV/m | dBuV | dB/m | dB | dB | cm | deg | 1 | 2326.28 | 45.36 | 74.00 | -28.64 | 40.87 | 30.36 | 6.80 | 32.67 | 400 | 120 PEAK | 2 | 2326.28 | 20.57 | 54.00 | -33.43 | 16.08 | 30.36 | 6.80 | 32.67 | 400 | 120 AVERAGE | <div><div><div>Level (dBuV/m)</div><div><div>Date: 2026-01-06</div><div>Frequency (MHz)</div></div></div><table><thead><tr><th></th><th>Limit</th><th>Margin</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>(dB)</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th></th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr></thead><tbody><tr><td>1</td><td>2402.00</td><td>102.67</td><td>-----</td><td>98.01</td><td>30.42</td><td>6.88</td><td>32.64</td><td>400</td><td>120 PEAK</td></tr><tr><td>2</td><td>2402.00</td><td>77.88</td><td>-----</td><td>73.22</td><td>30.42</td><td>6.88</td><td>32.64</td><td>400</td><td>120 AVERAGE</td></tr></tbody></table></div> |  | Limit | Margin | Read | Ant | Cable | Preamp | APos | TPos |  | Freq | Level | Line | (dB) | Level | Factor | Loss | Factor |  | Remark |  | MHz | dBuV/m | dBuV/m | dBuV | dB/m | dB | dB | cm | deg | 1 | 2402.00 | 102.67 | ----- | 98.01 | 30.42 | 6.88 | 32.64 | 400 | 120 PEAK | 2 | 2402.00 | 77.88 | ----- | 73.22 | 30.42 | 6.88 | 32.64 | 400 | 120 AVERAGE |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Limit       | Margin | Read   | Ant    | Cable  | Preamp | APos   | TPos        |             |  |      |       |      |      |       |        |      |        |  |        |  |     |        |        |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |     |          |   |         |       |       |        |       |       |      |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |       |        |      |     |       |        |      |      |  |      |       |      |      |       |        |      |        |  |        |  |     |        |        |      |      |    |    |    |     |   |         |        |       |       |       |      |       |     |          |   |         |       |       |       |       |      |       |     |             |
|      | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Level       | Line   | (dB)   | Level  | Factor | Loss   | Factor |             | Remark      |  |      |       |      |      |       |        |      |        |  |        |  |     |        |        |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |     |          |   |         |       |       |        |       |       |      |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |       |        |      |     |       |        |      |      |  |      |       |      |      |       |        |      |        |  |        |  |     |        |        |      |      |    |    |    |     |   |         |        |       |       |       |      |       |     |          |   |         |       |       |       |       |      |       |     |             |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | dBuV/m      | dBuV/m | dBuV   | dB/m   | dB     | dB     | cm     | deg         |             |  |      |       |      |      |       |        |      |        |  |        |  |     |        |        |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |     |          |   |         |       |       |        |       |       |      |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |       |        |      |     |       |        |      |      |  |      |       |      |      |       |        |      |        |  |        |  |     |        |        |      |      |    |    |    |     |   |         |        |       |       |       |      |       |     |          |   |         |       |       |       |       |      |       |     |             |
| 1    | 2326.28                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 45.36       | 74.00  | -28.64 | 40.87  | 30.36  | 6.80   | 32.67  | 400         | 120 PEAK    |  |      |       |      |      |       |        |      |        |  |        |  |     |        |        |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |     |          |   |         |       |       |        |       |       |      |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |       |        |      |     |       |        |      |      |  |      |       |      |      |       |        |      |        |  |        |  |     |        |        |      |      |    |    |    |     |   |         |        |       |       |       |      |       |     |          |   |         |       |       |       |       |      |       |     |             |
| 2    | 2326.28                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 20.57       | 54.00  | -33.43 | 16.08  | 30.36  | 6.80   | 32.67  | 400         | 120 AVERAGE |  |      |       |      |      |       |        |      |        |  |        |  |     |        |        |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |     |          |   |         |       |       |        |       |       |      |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |       |        |      |     |       |        |      |      |  |      |       |      |      |       |        |      |        |  |        |  |     |        |        |      |      |    |    |    |     |   |         |        |       |       |       |      |       |     |          |   |         |       |       |       |       |      |       |     |             |
|      | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Margin      | Read   | Ant    | Cable  | Preamp | APos   | TPos   |             |             |  |      |       |      |      |       |        |      |        |  |        |  |     |        |        |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |     |          |   |         |       |       |        |       |       |      |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |       |        |      |     |       |        |      |      |  |      |       |      |      |       |        |      |        |  |        |  |     |        |        |      |      |    |    |    |     |   |         |        |       |       |       |      |       |     |          |   |         |       |       |       |       |      |       |     |             |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Line        | (dB)   | Level  | Factor | Loss   | Factor |        | Remark      |             |  |      |       |      |      |       |        |      |        |  |        |  |     |        |        |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |     |          |   |         |       |       |        |       |       |      |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |       |        |      |     |       |        |      |      |  |      |       |      |      |       |        |      |        |  |        |  |     |        |        |      |      |    |    |    |     |   |         |        |       |       |       |      |       |     |          |   |         |       |       |       |       |      |       |     |             |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | dBuV/m      | dBuV/m | dBuV   | dB/m   | dB     | dB     | cm     | deg         |             |  |      |       |      |      |       |        |      |        |  |        |  |     |        |        |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |     |          |   |         |       |       |        |       |       |      |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |       |        |      |     |       |        |      |      |  |      |       |      |      |       |        |      |        |  |        |  |     |        |        |      |      |    |    |    |     |   |         |        |       |       |       |      |       |     |          |   |         |       |       |       |       |      |       |     |             |
| 1    | 2402.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 102.67      | -----  | 98.01  | 30.42  | 6.88   | 32.64  | 400    | 120 PEAK    |             |  |      |       |      |      |       |        |      |        |  |        |  |     |        |        |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |     |          |   |         |       |       |        |       |       |      |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |       |        |      |     |       |        |      |      |  |      |       |      |      |       |        |      |        |  |        |  |     |        |        |      |      |    |    |    |     |   |         |        |       |       |       |      |       |     |          |   |         |       |       |       |       |      |       |     |             |
| 2    | 2402.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 77.88       | -----  | 73.22  | 30.42  | 6.88   | 32.64  | 400    | 120 AVERAGE |             |  |      |       |      |      |       |        |      |        |  |        |  |     |        |        |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |     |          |   |         |       |       |        |       |       |      |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |       |        |      |     |       |        |      |      |  |      |       |      |      |       |        |      |        |  |        |  |     |        |        |      |      |    |    |    |     |   |         |        |       |       |       |      |       |     |          |   |         |       |       |       |       |      |       |     |             |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |             |        |        |        |        |        |        |             |             |  |      |       |      |      |       |        |      |        |  |        |  |     |        |        |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |     |          |   |         |       |       |        |       |       |      |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |       |        |      |     |       |        |      |      |  |      |       |      |      |       |        |      |        |  |        |  |     |        |        |      |      |    |    |    |     |   |         |        |       |       |       |      |       |     |          |   |         |       |       |       |       |      |       |     |             |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |             |        |        |        |        |        |        |             |             |  |      |       |      |      |       |        |      |        |  |        |  |     |        |        |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |     |          |   |         |       |       |        |       |       |      |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |       |        |      |     |       |        |      |      |  |      |       |      |      |       |        |      |        |  |        |  |     |        |        |      |      |    |    |    |     |   |         |        |       |       |       |      |       |     |          |   |         |       |       |       |       |      |       |     |             |



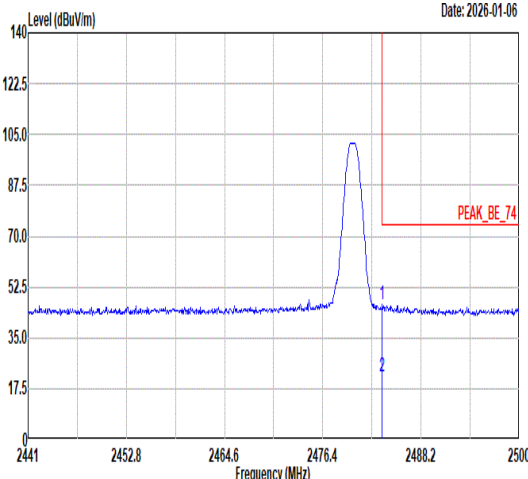
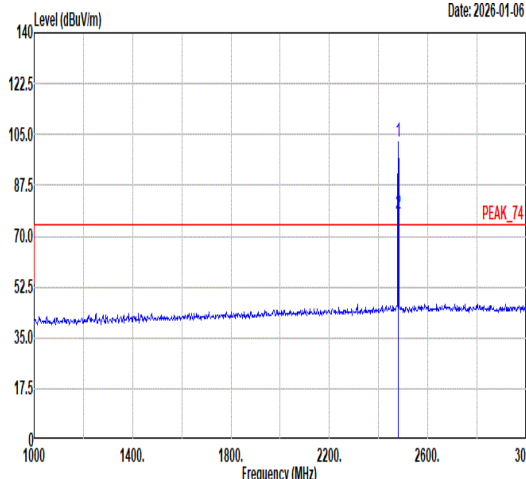
| Mode            | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |        |        |        |        |       |                                                                                                                                                                                                                                                                              |        |        |      |         |        |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |   |         |       |       |        |       |       |       |       |     |     |      |   |         |       |       |        |       |       |       |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |  |  |  |  |  |       |  |      |  |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |   |         |       |       |        |       |       |       |       |     |     |      |   |         |       |       |        |       |       |       |       |     |     |         |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|--------|--------|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|------|---------|--------|-----|-------|--------|------|------|--------|------|-------|------|--------|-------|--------|------|--------|--|--|--|-----|--------|--------|----|------|------|----|----|----|-----|--|--|---|---------|-------|-------|--------|-------|-------|-------|-------|-----|-----|------|---|---------|-------|-------|--------|-------|-------|-------|-------|-----|-----|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|-------|--|------|--|-----|-------|--------|------|------|--------|------|-------|------|--------|-------|--------|------|--------|--|--|--|-----|--------|--------|----|------|------|----|----|----|-----|--|--|---|---------|-------|-------|--------|-------|-------|-------|-------|-----|-----|------|---|---------|-------|-------|--------|-------|-------|-------|-------|-----|-----|---------|
|                 | Harmonic                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |        |        |        |        |       |                                                                                                                                                                                                                                                                              |        |        |      |         |        |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |   |         |       |       |        |       |       |       |       |     |     |      |   |         |       |       |        |       |       |       |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |  |  |  |  |  |       |  |      |  |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |   |         |       |       |        |       |       |       |       |     |     |      |   |         |       |       |        |       |       |       |       |     |     |         |
|                 | 2400-2483.5_Bluetooth BR_GFSK_CH00_2402MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |        |        |        |        |       |                                                                                                                                                                                                                                                                              |        |        |      |         |        |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |   |         |       |       |        |       |       |       |       |     |     |      |   |         |       |       |        |       |       |       |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |  |  |  |  |  |       |  |      |  |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |   |         |       |       |        |       |       |       |       |     |     |      |   |         |       |       |        |       |       |       |       |     |     |         |
| ANT             | 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |        |        |        |        |       |                                                                                                                                                                                                                                                                              |        |        |      |         |        |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |   |         |       |       |        |       |       |       |       |     |     |      |   |         |       |       |        |       |       |       |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |  |  |  |  |  |       |  |      |  |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |   |         |       |       |        |       |       |       |       |     |     |      |   |         |       |       |        |       |       |       |       |     |     |         |
| Pol.            | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |        |        |        |        |       | Vertical                                                                                                                                                                                                                                                                     |        |        |      |         |        |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |   |         |       |       |        |       |       |       |       |     |     |      |   |         |       |       |        |       |       |       |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |  |  |  |  |  |       |  |      |  |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |   |         |       |       |        |       |       |       |       |     |     |      |   |         |       |       |        |       |       |       |       |     |     |         |
| Peak<br><br>Avg | <p>Horizontal Polarization Spectrum Plot showing Level (dBuV/m) vs Frequency (MHz). The plot includes a blue signal line, a red limit line at 74.00 dBuV/m (PEAK_74), and a red average line at 54.00 dBuV/m (AVG_54). A blue vertical line at 4804.00 MHz is labeled '2'.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |        |        |        |        |       | <p>Vertical Polarization Spectrum Plot showing Level (dBuV/m) vs Frequency (MHz). The plot includes a blue signal line, a red limit line at 74.00 dBuV/m (PEAK_74), and a red average line at 54.00 dBuV/m (AVG_54). A blue vertical line at 4804.00 MHz is labeled '2'.</p> |        |        |      |         |        |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |   |         |       |       |        |       |       |       |       |     |     |      |   |         |       |       |        |       |       |       |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |  |  |  |  |  |       |  |      |  |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |   |         |       |       |        |       |       |       |       |     |     |      |   |         |       |       |        |       |       |       |       |     |     |         |
|                 | <table><tr><th colspan="2"></th><th colspan="2">Limit</th><th colspan="2">Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>APos</th><th>TPos</th><th rowspan="2">Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>4804.00</td><td>48.43</td><td>74.00</td><td>-25.57</td><td>55.53</td><td>35.37</td><td>10.11</td><td>52.58</td><td>172</td><td>174</td><td>Peak</td></tr><tr><td>2</td><td>4804.00</td><td>23.64</td><td>54.00</td><td>-30.36</td><td>30.74</td><td>35.37</td><td>10.11</td><td>52.58</td><td>172</td><td>174</td><td>Average</td></tr></table> |        |        |        |        |       |                                                                                                                                                                                                                                                                              |        | Limit  |      | Read    |        | Ant | Cable | Preamp | APos | TPos | Remark | Freq | Level | Line | Margin | Level | Factor | Loss | Factor |  |  |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg |  |  | 1 | 4804.00 | 48.43 | 74.00 | -25.57 | 55.53 | 35.37 | 10.11 | 52.58 | 172 | 174 | Peak | 2 | 4804.00 | 23.64 | 54.00 | -30.36 | 30.74 | 35.37 | 10.11 | 52.58 | 172 | 174 | Average | <table><tr><th colspan="2"></th><th colspan="2">Limit</th><th colspan="2">Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>APos</th><th>TPos</th><th rowspan="2">Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>4804.00</td><td>51.53</td><td>74.00</td><td>-22.47</td><td>58.63</td><td>35.37</td><td>10.11</td><td>52.58</td><td>165</td><td>356</td><td>Peak</td></tr><tr><td>2</td><td>4804.00</td><td>26.74</td><td>54.00</td><td>-27.26</td><td>33.84</td><td>35.37</td><td>10.11</td><td>52.58</td><td>165</td><td>356</td><td>Average</td></tr></table> |  |  |  |  |  |  |  | Limit |  | Read |  | Ant | Cable | Preamp | APos | TPos | Remark | Freq | Level | Line | Margin | Level | Factor | Loss | Factor |  |  |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg |  |  | 1 | 4804.00 | 51.53 | 74.00 | -22.47 | 58.63 | 35.37 | 10.11 | 52.58 | 165 | 356 | Peak | 2 | 4804.00 | 26.74 | 54.00 | -27.26 | 33.84 | 35.37 | 10.11 | 52.58 | 165 | 356 | Average |
|                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        | Limit  |        | Read   |       | Ant                                                                                                                                                                                                                                                                          | Cable  | Preamp | APos | TPos    | Remark |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |   |         |       |       |        |       |       |       |       |     |     |      |   |         |       |       |        |       |       |       |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |  |  |  |  |  |       |  |      |  |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |   |         |       |       |        |       |       |       |       |     |     |      |   |         |       |       |        |       |       |       |       |     |     |         |
| Freq            | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Line   | Margin | Level  | Factor | Loss  | Factor                                                                                                                                                                                                                                                                       |        |        |      |         |        |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |   |         |       |       |        |       |       |       |       |     |     |      |   |         |       |       |        |       |       |       |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |  |  |  |  |  |       |  |      |  |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |   |         |       |       |        |       |       |       |       |     |     |      |   |         |       |       |        |       |       |       |       |     |     |         |
| MHz             | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | dBuV/m | dB     | dBuV   | dB/m   | dB    | dB                                                                                                                                                                                                                                                                           | cm     | deg    |      |         |        |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |   |         |       |       |        |       |       |       |       |     |     |      |   |         |       |       |        |       |       |       |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |  |  |  |  |  |       |  |      |  |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |   |         |       |       |        |       |       |       |       |     |     |      |   |         |       |       |        |       |       |       |       |     |     |         |
| 1               | 4804.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 48.43  | 74.00  | -25.57 | 55.53  | 35.37 | 10.11                                                                                                                                                                                                                                                                        | 52.58  | 172    | 174  | Peak    |        |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |   |         |       |       |        |       |       |       |       |     |     |      |   |         |       |       |        |       |       |       |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |  |  |  |  |  |       |  |      |  |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |   |         |       |       |        |       |       |       |       |     |     |      |   |         |       |       |        |       |       |       |       |     |     |         |
| 2               | 4804.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 23.64  | 54.00  | -30.36 | 30.74  | 35.37 | 10.11                                                                                                                                                                                                                                                                        | 52.58  | 172    | 174  | Average |        |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |   |         |       |       |        |       |       |       |       |     |     |      |   |         |       |       |        |       |       |       |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |  |  |  |  |  |       |  |      |  |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |   |         |       |       |        |       |       |       |       |     |     |      |   |         |       |       |        |       |       |       |       |     |     |         |
|                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Limit  |        | Read   |        | Ant   | Cable                                                                                                                                                                                                                                                                        | Preamp | APos   | TPos | Remark  |        |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |   |         |       |       |        |       |       |       |       |     |     |      |   |         |       |       |        |       |       |       |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |  |  |  |  |  |       |  |      |  |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |   |         |       |       |        |       |       |       |       |     |     |      |   |         |       |       |        |       |       |       |       |     |     |         |
| Freq            | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Line   | Margin | Level  | Factor | Loss  | Factor                                                                                                                                                                                                                                                                       |        |        |      |         |        |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |   |         |       |       |        |       |       |       |       |     |     |      |   |         |       |       |        |       |       |       |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |  |  |  |  |  |       |  |      |  |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |   |         |       |       |        |       |       |       |       |     |     |      |   |         |       |       |        |       |       |       |       |     |     |         |
| MHz             | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | dBuV/m | dB     | dBuV   | dB/m   | dB    | dB                                                                                                                                                                                                                                                                           | cm     | deg    |      |         |        |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |   |         |       |       |        |       |       |       |       |     |     |      |   |         |       |       |        |       |       |       |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |  |  |  |  |  |       |  |      |  |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |   |         |       |       |        |       |       |       |       |     |     |      |   |         |       |       |        |       |       |       |       |     |     |         |
| 1               | 4804.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 51.53  | 74.00  | -22.47 | 58.63  | 35.37 | 10.11                                                                                                                                                                                                                                                                        | 52.58  | 165    | 356  | Peak    |        |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |   |         |       |       |        |       |       |       |       |     |     |      |   |         |       |       |        |       |       |       |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |  |  |  |  |  |       |  |      |  |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |   |         |       |       |        |       |       |       |       |     |     |      |   |         |       |       |        |       |       |       |       |     |     |         |
| 2               | 4804.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 26.74  | 54.00  | -27.26 | 33.84  | 35.37 | 10.11                                                                                                                                                                                                                                                                        | 52.58  | 165    | 356  | Average |        |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |   |         |       |       |        |       |       |       |       |     |     |      |   |         |       |       |        |       |       |       |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |  |  |  |  |  |       |  |      |  |     |       |        |      |      |        |      |       |      |        |       |        |      |        |  |  |  |     |        |        |    |      |      |    |    |    |     |  |  |   |         |       |       |        |       |       |       |       |     |     |      |   |         |       |       |        |       |       |       |       |     |     |         |



| Mode                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |         |        |        |        |             |             |        |        |      |         |        |       |       |      |      |     |       |        |        |      |        |        |       |       |        |        |        |             |             |  |  |  |     |        |        |        |      |      |      |    |    |    |     |     |   |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|--------|--------|-------------|-------------|--------|--------|------|---------|--------|-------|-------|------|------|-----|-------|--------|--------|------|--------|--------|-------|-------|--------|--------|--------|-------------|-------------|--|--|--|-----|--------|--------|--------|------|------|------|----|----|----|-----|-----|---|---------|---------|-------|--------|--------|-------|-------|-------|-------|-----|------|------|---------|---------|-------|--------|--------|-------|-------|-------|-------|-----|---------|---------|---------|---------|-------|--------|--------|-------|-------|-------|-------|-----|------|------|---------|---------|-------|--------|--------|-------|-------|-------|-------|-----|---------|---------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Harmonic                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |         |        |        |        |             |             |        |        |      |         |        |       |       |      |      |     |       |        |        |      |        |        |       |       |        |        |        |             |             |  |  |  |     |        |        |        |      |      |      |    |    |    |     |     |   |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 2400-2483.5_Bluetooth BR_GFSK_CH39_2441MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |         |        |        |        |             |             |        |        |      |         |        |       |       |      |      |     |       |        |        |      |        |        |       |       |        |        |        |             |             |  |  |  |     |        |        |        |      |      |      |    |    |    |     |     |   |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |
| ANT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |         |        |        |        |             |             |        |        |      |         |        |       |       |      |      |     |       |        |        |      |        |        |       |       |        |        |        |             |             |  |  |  |     |        |        |        |      |      |      |    |    |    |     |     |   |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |
| Pol.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |         |        |        |        |             |             |        |        |      |         |        |       |       |      |      |     |       |        |        |      |        |        |       |       |        |        |        |             |             |  |  |  |     |        |        |        |      |      |      |    |    |    |     |     |   |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |
| Peak<br><br>Avg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |         |        |        |        |             |             |        |        |      |         |        |       |       |      |      |     |       |        |        |      |        |        |       |       |        |        |        |             |             |  |  |  |     |        |        |        |      |      |      |    |    |    |     |     |   |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <table><tr><th colspan="2"></th><th colspan="2">Limit</th><th colspan="2">Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>APos</th><th>TPos</th><th rowspan="2">Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss Factor</th><th></th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>4882.00</td><td>48.57</td><td>74.00</td><td>-25.43</td><td>55.37</td><td>35.54</td><td>10.29</td><td>52.63</td><td>147</td><td>152</td><td>Peak</td></tr><tr><td>2</td><td>4882.00</td><td>23.78</td><td>54.00</td><td>-30.22</td><td>30.58</td><td>35.54</td><td>10.29</td><td>52.63</td><td>147</td><td>152</td><td>Average</td></tr><tr><td>3</td><td>7323.00</td><td>46.74</td><td>74.00</td><td>-27.26</td><td>50.48</td><td>36.49</td><td>12.00</td><td>52.23</td><td>---</td><td>---</td><td>Peak</td></tr><tr><td>4</td><td>7323.00</td><td>21.95</td><td>54.00</td><td>-32.05</td><td>25.69</td><td>36.49</td><td>12.00</td><td>52.23</td><td>---</td><td>---</td><td>Average</td></tr></table> |         |        |        |        |             |             |        |        |      |         |        |       | Limit |      | Read |     | Ant   | Cable  | Preamp | APos | TPos   | Remark | Freq  | Level | Line   | Margin | Level  | Factor      | Loss Factor |  |  |  |     | MHz    | dBuV/m | dBuV/m | dB   | dBuV | dB/m | dB | dB | dB | cm  | deg |   | 1       | 4882.00 | 48.57 | 74.00  | -25.43 | 55.37 | 35.54 | 10.29 | 52.63 | 147 | 152  | Peak | 2       | 4882.00 | 23.78 | 54.00  | -30.22 | 30.58 | 35.54 | 10.29 | 52.63 | 147 | 152     | Average | 3       | 7323.00 | 46.74 | 74.00  | -27.26 | 50.48 | 36.49 | 12.00 | 52.23 | --- | ---  | Peak | 4       | 7323.00 | 21.95 | 54.00  | -32.05 | 25.69 | 36.49 | 12.00 | 52.23 | --- | ---     | Average |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |         | Limit  |        | Read   |             | Ant         | Cable  | Preamp | APos | TPos    | Remark |       |       |      |      |     |       |        |        |      |        |        |       |       |        |        |        |             |             |  |  |  |     |        |        |        |      |      |      |    |    |    |     |     |   |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Level   | Line   | Margin | Level  | Factor      | Loss Factor |        |        |      |         |        |       |       |      |      |     |       |        |        |      |        |        |       |       |        |        |        |             |             |  |  |  |     |        |        |        |      |      |      |    |    |    |     |     |   |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | dBuV/m  | dBuV/m | dB     | dBuV   | dB/m        | dB          | dB     | dB     | cm   | deg     |        |       |       |      |      |     |       |        |        |      |        |        |       |       |        |        |        |             |             |  |  |  |     |        |        |        |      |      |      |    |    |    |     |     |   |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 4882.00 | 48.57  | 74.00  | -25.43 | 55.37       | 35.54       | 10.29  | 52.63  | 147  | 152     | Peak   |       |       |      |      |     |       |        |        |      |        |        |       |       |        |        |        |             |             |  |  |  |     |        |        |        |      |      |      |    |    |    |     |     |   |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 4882.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 23.78   | 54.00  | -30.22 | 30.58  | 35.54       | 10.29       | 52.63  | 147    | 152  | Average |        |       |       |      |      |     |       |        |        |      |        |        |       |       |        |        |        |             |             |  |  |  |     |        |        |        |      |      |      |    |    |    |     |     |   |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 7323.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 46.74   | 74.00  | -27.26 | 50.48  | 36.49       | 12.00       | 52.23  | ---    | ---  | Peak    |        |       |       |      |      |     |       |        |        |      |        |        |       |       |        |        |        |             |             |  |  |  |     |        |        |        |      |      |      |    |    |    |     |     |   |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 7323.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 21.95   | 54.00  | -32.05 | 25.69  | 36.49       | 12.00       | 52.23  | ---    | ---  | Average |        |       |       |      |      |     |       |        |        |      |        |        |       |       |        |        |        |             |             |  |  |  |     |        |        |        |      |      |      |    |    |    |     |     |   |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |
| Vertical                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |         |        |        |        |             |             |        |        |      |         |        |       |       |      |      |     |       |        |        |      |        |        |       |       |        |        |        |             |             |  |  |  |     |        |        |        |      |      |      |    |    |    |     |     |   |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |         |        |        |        |             |             |        |        |      |         |        |       |       |      |      |     |       |        |        |      |        |        |       |       |        |        |        |             |             |  |  |  |     |        |        |        |      |      |      |    |    |    |     |     |   |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |
| <table><tr><th colspan="2"></th><th colspan="2">Limit</th><th colspan="2">Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>APos</th><th>TPos</th><th rowspan="2">Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss Factor</th><th></th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>4882.00</td><td>52.55</td><td>74.00</td><td>-21.45</td><td>59.35</td><td>35.54</td><td>10.29</td><td>52.63</td><td>147</td><td>356</td><td>Peak</td></tr><tr><td>2</td><td>4882.00</td><td>27.76</td><td>54.00</td><td>-26.24</td><td>34.56</td><td>35.54</td><td>10.29</td><td>52.63</td><td>147</td><td>356</td><td>Average</td></tr><tr><td>3</td><td>7323.00</td><td>46.52</td><td>74.00</td><td>-27.48</td><td>50.26</td><td>36.49</td><td>12.00</td><td>52.23</td><td>---</td><td>---</td><td>Peak</td></tr><tr><td>4</td><td>7323.00</td><td>21.73</td><td>54.00</td><td>-32.27</td><td>25.47</td><td>36.49</td><td>12.00</td><td>52.23</td><td>---</td><td>---</td><td>Average</td></tr></table> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |         |        |        |        |             |             |        |        |      |         |        | Limit |       | Read |      | Ant | Cable | Preamp | APos   | TPos | Remark | Freq   | Level | Line  | Margin | Level  | Factor | Loss Factor |             |  |  |  | MHz | dBuV/m | dBuV/m | dB     | dBuV | dB/m | dB   | dB | dB | cm | deg |     | 1 | 4882.00 | 52.55   | 74.00 | -21.45 | 59.35  | 35.54 | 10.29 | 52.63 | 147   | 356 | Peak | 2    | 4882.00 | 27.76   | 54.00 | -26.24 | 34.56  | 35.54 | 10.29 | 52.63 | 147   | 356 | Average | 3       | 7323.00 | 46.52   | 74.00 | -27.48 | 50.26  | 36.49 | 12.00 | 52.23 | ---   | --- | Peak | 4    | 7323.00 | 21.73   | 54.00 | -32.27 | 25.47  | 36.49 | 12.00 | 52.23 | ---   | --- | Average |         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Limit   |        | Read   |        | Ant         | Cable       | Preamp | APos   | TPos | Remark  |        |       |       |      |      |     |       |        |        |      |        |        |       |       |        |        |        |             |             |  |  |  |     |        |        |        |      |      |      |    |    |    |     |     |   |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |
| Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Line    | Margin | Level  | Factor | Loss Factor |             |        |        |      |         |        |       |       |      |      |     |       |        |        |      |        |        |       |       |        |        |        |             |             |  |  |  |     |        |        |        |      |      |      |    |    |    |     |     |   |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |
| MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | dBuV/m  | dB     | dBuV   | dB/m   | dB          | dB          | dB     | cm     | deg  |         |        |       |       |      |      |     |       |        |        |      |        |        |       |       |        |        |        |             |             |  |  |  |     |        |        |        |      |      |      |    |    |    |     |     |   |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 4882.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 52.55   | 74.00  | -21.45 | 59.35  | 35.54       | 10.29       | 52.63  | 147    | 356  | Peak    |        |       |       |      |      |     |       |        |        |      |        |        |       |       |        |        |        |             |             |  |  |  |     |        |        |        |      |      |      |    |    |    |     |     |   |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 4882.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 27.76   | 54.00  | -26.24 | 34.56  | 35.54       | 10.29       | 52.63  | 147    | 356  | Average |        |       |       |      |      |     |       |        |        |      |        |        |       |       |        |        |        |             |             |  |  |  |     |        |        |        |      |      |      |    |    |    |     |     |   |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 7323.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 46.52   | 74.00  | -27.48 | 50.26  | 36.49       | 12.00       | 52.23  | ---    | ---  | Peak    |        |       |       |      |      |     |       |        |        |      |        |        |       |       |        |        |        |             |             |  |  |  |     |        |        |        |      |      |      |    |    |    |     |     |   |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 7323.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 21.73   | 54.00  | -32.27 | 25.47  | 36.49       | 12.00       | 52.23  | ---    | ---  | Average |        |       |       |      |      |     |       |        |        |      |        |        |       |       |        |        |        |             |             |  |  |  |     |        |        |        |      |      |      |    |    |    |     |     |   |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |



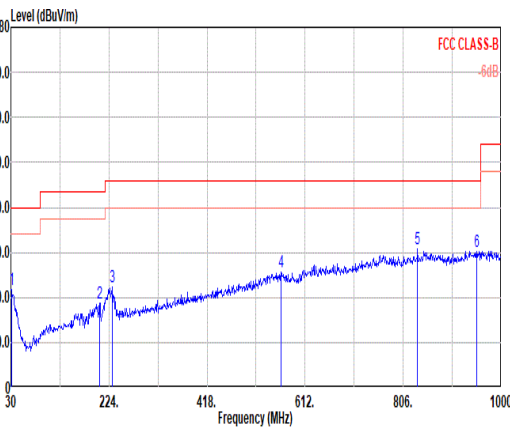
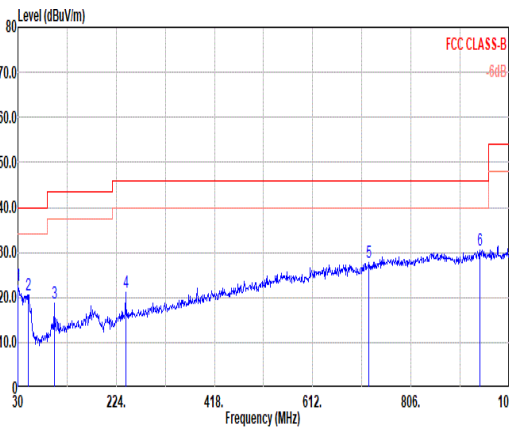


| Mode | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |             |        |        |        |        |        |        |        |             |  |      |       |      |      |       |        |      |        |  |        |     |        |        |  |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |     |          |   |         |       |       |        |       |       |      |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |       |        |      |     |       |        |      |      |  |      |       |      |      |       |        |      |        |  |        |     |        |        |  |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |     |          |   |         |       |       |       |       |       |      |       |     |             |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------|--------|--------|--------|--------|--------|--------|-------------|--|------|-------|------|------|-------|--------|------|--------|--|--------|-----|--------|--------|--|------|------|----|----|----|-----|---|---------|-------|-------|--------|-------|-------|------|-------|-----|----------|---|---------|-------|-------|--------|-------|-------|------|-------|-----|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------|--------|------|-----|-------|--------|------|------|--|------|-------|------|------|-------|--------|------|--------|--|--------|-----|--------|--------|--|------|------|----|----|----|-----|---|---------|--------|-------|-------|-------|-------|------|-------|-----|----------|---|---------|-------|-------|-------|-------|-------|------|-------|-----|-------------|
|      | Band Edge                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |             |        |        |        |        |        |        |        |             |  |      |       |      |      |       |        |      |        |  |        |     |        |        |  |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |     |          |   |         |       |       |        |       |       |      |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |       |        |      |     |       |        |      |      |  |      |       |      |      |       |        |      |        |  |        |     |        |        |  |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |     |          |   |         |       |       |       |       |       |      |       |     |             |
|      | 2400-2483.5_Bluetooth BR_GFSK_CH78_2480MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |             |        |        |        |        |        |        |        |             |  |      |       |      |      |       |        |      |        |  |        |     |        |        |  |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |     |          |   |         |       |       |        |       |       |      |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |       |        |      |     |       |        |      |      |  |      |       |      |      |       |        |      |        |  |        |     |        |        |  |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |     |          |   |         |       |       |       |       |       |      |       |     |             |
| ANT  | 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |             |        |        |        |        |        |        |        |             |  |      |       |      |      |       |        |      |        |  |        |     |        |        |  |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |     |          |   |         |       |       |        |       |       |      |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |       |        |      |     |       |        |      |      |  |      |       |      |      |       |        |      |        |  |        |     |        |        |  |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |     |          |   |         |       |       |       |       |       |      |       |     |             |
| Pol. | Vertical                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Fundamental |        |        |        |        |        |        |        |             |  |      |       |      |      |       |        |      |        |  |        |     |        |        |  |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |     |          |   |         |       |       |        |       |       |      |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |       |        |      |     |       |        |      |      |  |      |       |      |      |       |        |      |        |  |        |     |        |        |  |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |     |          |   |         |       |       |       |       |       |      |       |     |             |
| Peak | <div><p>Level (dBuV/m)</p><p>Date: 2026-01-06</p><p>PEAK_BE_74</p><table><tr><th></th><th>Limit</th><th>Margin</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>(dB)</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th></th><th>Remark</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th></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>2483.54</td><td>46.28</td><td>74.00</td><td>-27.72</td><td>41.42</td><td>30.49</td><td>6.98</td><td>32.61</td><td>325</td><td>258 PEAK</td></tr><tr><td>2</td><td>2483.54</td><td>21.49</td><td>54.00</td><td>-32.51</td><td>16.63</td><td>30.49</td><td>6.98</td><td>32.61</td><td>325</td><td>258 AVERAGE</td></tr></table></div> |             | Limit  | Margin | Read   | Ant    | Cable  | Preamp | APos   | TPos        |  | Freq | Level | Line | (dB) | Level | Factor | Loss | Factor |  | Remark | MHz | dBuV/m | dBuV/m |  | dBuV | dB/m | dB | dB | cm | deg | 1 | 2483.54 | 46.28 | 74.00 | -27.72 | 41.42 | 30.49 | 6.98 | 32.61 | 325 | 258 PEAK | 2 | 2483.54 | 21.49 | 54.00 | -32.51 | 16.63 | 30.49 | 6.98 | 32.61 | 325 | 258 AVERAGE | <div><p>Level (dBuV/m)</p><p>Date: 2026-01-06</p><p>PEAK_74</p><table><tr><th></th><th>Limit</th><th>Margin</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>(dB)</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th></th><th>Remark</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th></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>102.41</td><td>-----</td><td>-----</td><td>97.57</td><td>30.48</td><td>6.97</td><td>32.61</td><td>325</td><td>258 PEAK</td></tr><tr><td>2</td><td>2480.00</td><td>77.62</td><td>-----</td><td>-----</td><td>72.78</td><td>30.48</td><td>6.97</td><td>32.61</td><td>325</td><td>258 AVERAGE</td></tr></table></div> |  | Limit | Margin | Read | Ant | Cable | Preamp | APos | TPos |  | Freq | Level | Line | (dB) | Level | Factor | Loss | Factor |  | Remark | MHz | dBuV/m | dBuV/m |  | dBuV | dB/m | dB | dB | cm | deg | 1 | 2480.00 | 102.41 | ----- | ----- | 97.57 | 30.48 | 6.97 | 32.61 | 325 | 258 PEAK | 2 | 2480.00 | 77.62 | ----- | ----- | 72.78 | 30.48 | 6.97 | 32.61 | 325 | 258 AVERAGE |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Limit       | Margin | Read   | Ant    | Cable  | Preamp | APos   | TPos   |             |  |      |       |      |      |       |        |      |        |  |        |     |        |        |  |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |     |          |   |         |       |       |        |       |       |      |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |       |        |      |     |       |        |      |      |  |      |       |      |      |       |        |      |        |  |        |     |        |        |  |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |     |          |   |         |       |       |       |       |       |      |       |     |             |
|      | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Level       | Line   | (dB)   | Level  | Factor | Loss   | Factor |        | Remark      |  |      |       |      |      |       |        |      |        |  |        |     |        |        |  |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |     |          |   |         |       |       |        |       |       |      |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |       |        |      |     |       |        |      |      |  |      |       |      |      |       |        |      |        |  |        |     |        |        |  |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |     |          |   |         |       |       |       |       |       |      |       |     |             |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | dBuV/m      |        | dBuV   | dB/m   | dB     | dB     | cm     | deg    |             |  |      |       |      |      |       |        |      |        |  |        |     |        |        |  |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |     |          |   |         |       |       |        |       |       |      |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |       |        |      |     |       |        |      |      |  |      |       |      |      |       |        |      |        |  |        |     |        |        |  |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |     |          |   |         |       |       |       |       |       |      |       |     |             |
| 1    | 2483.54                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 46.28       | 74.00  | -27.72 | 41.42  | 30.49  | 6.98   | 32.61  | 325    | 258 PEAK    |  |      |       |      |      |       |        |      |        |  |        |     |        |        |  |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |     |          |   |         |       |       |        |       |       |      |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |       |        |      |     |       |        |      |      |  |      |       |      |      |       |        |      |        |  |        |     |        |        |  |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |     |          |   |         |       |       |       |       |       |      |       |     |             |
| 2    | 2483.54                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 21.49       | 54.00  | -32.51 | 16.63  | 30.49  | 6.98   | 32.61  | 325    | 258 AVERAGE |  |      |       |      |      |       |        |      |        |  |        |     |        |        |  |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |     |          |   |         |       |       |        |       |       |      |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |       |        |      |     |       |        |      |      |  |      |       |      |      |       |        |      |        |  |        |     |        |        |  |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |     |          |   |         |       |       |       |       |       |      |       |     |             |
|      | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Margin      | Read   | Ant    | Cable  | Preamp | APos   | TPos   |        |             |  |      |       |      |      |       |        |      |        |  |        |     |        |        |  |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |     |          |   |         |       |       |        |       |       |      |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |       |        |      |     |       |        |      |      |  |      |       |      |      |       |        |      |        |  |        |     |        |        |  |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |     |          |   |         |       |       |       |       |       |      |       |     |             |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Line        | (dB)   | Level  | Factor | Loss   | Factor |        | Remark |             |  |      |       |      |      |       |        |      |        |  |        |     |        |        |  |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |     |          |   |         |       |       |        |       |       |      |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |       |        |      |     |       |        |      |      |  |      |       |      |      |       |        |      |        |  |        |     |        |        |  |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |     |          |   |         |       |       |       |       |       |      |       |     |             |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | dBuV/m      |        | dBuV   | dB/m   | dB     | dB     | cm     | deg    |             |  |      |       |      |      |       |        |      |        |  |        |     |        |        |  |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |     |          |   |         |       |       |        |       |       |      |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |       |        |      |     |       |        |      |      |  |      |       |      |      |       |        |      |        |  |        |     |        |        |  |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |     |          |   |         |       |       |       |       |       |      |       |     |             |
| 1    | 2480.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 102.41      | -----  | -----  | 97.57  | 30.48  | 6.97   | 32.61  | 325    | 258 PEAK    |  |      |       |      |      |       |        |      |        |  |        |     |        |        |  |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |     |          |   |         |       |       |        |       |       |      |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |       |        |      |     |       |        |      |      |  |      |       |      |      |       |        |      |        |  |        |     |        |        |  |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |     |          |   |         |       |       |       |       |       |      |       |     |             |
| 2    | 2480.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 77.62       | -----  | -----  | 72.78  | 30.48  | 6.97   | 32.61  | 325    | 258 AVERAGE |  |      |       |      |      |       |        |      |        |  |        |     |        |        |  |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |     |          |   |         |       |       |        |       |       |      |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |       |        |      |     |       |        |      |      |  |      |       |      |      |       |        |      |        |  |        |     |        |        |  |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |     |          |   |         |       |       |       |       |       |      |       |     |             |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |             |        |        |        |        |        |        |        |             |  |      |       |      |      |       |        |      |        |  |        |     |        |        |  |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |     |          |   |         |       |       |        |       |       |      |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |       |        |      |     |       |        |      |      |  |      |       |      |      |       |        |      |        |  |        |     |        |        |  |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |     |          |   |         |       |       |       |       |       |      |       |     |             |



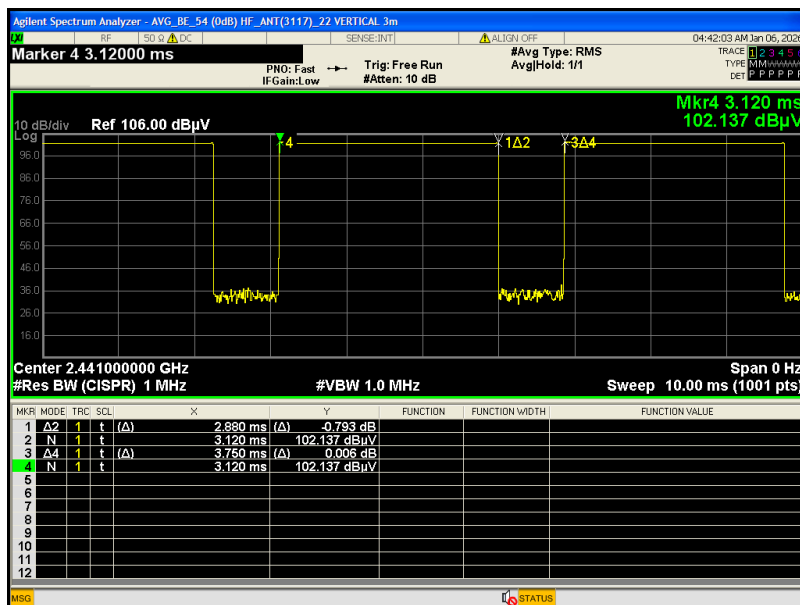
| Mode                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |        |        |        |        |        |        |        |      |         |        |       |       |      |      |     |       |        |        |      |        |        |       |       |        |        |        |        |        |        |  |  |     |        |        |        |      |      |      |    |    |     |     |  |   |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|--------|--------|--------|--------|--------|--------|------|---------|--------|-------|-------|------|------|-----|-------|--------|--------|------|--------|--------|-------|-------|--------|--------|--------|--------|--------|--------|--|--|-----|--------|--------|--------|------|------|------|----|----|-----|-----|--|---|---------|---------|-------|--------|--------|-------|-------|-------|-------|-----|------|------|---------|---------|-------|--------|--------|-------|-------|-------|-------|-----|---------|---------|---------|---------|-------|--------|--------|-------|-------|-------|-------|-----|------|------|---------|---------|-------|--------|--------|-------|-------|-------|-------|-----|---------|---------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Harmonic                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |         |        |        |        |        |        |        |        |      |         |        |       |       |      |      |     |       |        |        |      |        |        |       |       |        |        |        |        |        |        |  |  |     |        |        |        |      |      |      |    |    |     |     |  |   |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2400-2483.5_Bluetooth BR_GFSK_CH78_2480MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |         |        |        |        |        |        |        |        |      |         |        |       |       |      |      |     |       |        |        |      |        |        |       |       |        |        |        |        |        |        |  |  |     |        |        |        |      |      |      |    |    |     |     |  |   |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |
| ANT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |        |        |        |        |        |        |        |      |         |        |       |       |      |      |     |       |        |        |      |        |        |       |       |        |        |        |        |        |        |  |  |     |        |        |        |      |      |      |    |    |     |     |  |   |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |
| Pol.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |         |        |        |        |        |        |        |        |      |         |        |       |       |      |      |     |       |        |        |      |        |        |       |       |        |        |        |        |        |        |  |  |     |        |        |        |      |      |      |    |    |     |     |  |   |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |
| Peak<br><br>Avg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |         |        |        |        |        |        |        |        |      |         |        |       |       |      |      |     |       |        |        |      |        |        |       |       |        |        |        |        |        |        |  |  |     |        |        |        |      |      |      |    |    |     |     |  |   |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <table><tr><th colspan="2"></th><th colspan="2">Limit</th><th colspan="2">Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>APos</th><th>TPos</th><th rowspan="2">Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>4960.00</td><td>49.33</td><td>74.00</td><td>-24.67</td><td>55.96</td><td>35.71</td><td>10.34</td><td>52.68</td><td>191</td><td>113</td><td>Peak</td></tr><tr><td>2</td><td>4960.00</td><td>24.54</td><td>54.00</td><td>-29.46</td><td>31.17</td><td>35.71</td><td>10.34</td><td>52.68</td><td>191</td><td>113</td><td>Average</td></tr><tr><td>3</td><td>7440.00</td><td>46.09</td><td>74.00</td><td>-27.91</td><td>49.74</td><td>36.63</td><td>12.00</td><td>52.28</td><td>---</td><td>---</td><td>Peak</td></tr><tr><td>4</td><td>7440.00</td><td>21.30</td><td>54.00</td><td>-32.70</td><td>24.95</td><td>36.63</td><td>12.00</td><td>52.28</td><td>---</td><td>---</td><td>Average</td></tr></table> |         |        |        |        |        |        |        |        |      |         |        |       | Limit |      | Read |     | Ant   | Cable  | Preamp | APos | TPos   | Remark | Freq  | Level | Line   | Margin | Level  | Factor | Loss   | Factor |  |  |     | MHz    | dBuV/m | dBuV/m | dB   | dBuV | dB/m | dB | dB | cm  | deg |  |   | 1       | 4960.00 | 49.33 | 74.00  | -24.67 | 55.96 | 35.71 | 10.34 | 52.68 | 191 | 113  | Peak | 2       | 4960.00 | 24.54 | 54.00  | -29.46 | 31.17 | 35.71 | 10.34 | 52.68 | 191 | 113     | Average | 3       | 7440.00 | 46.09 | 74.00  | -27.91 | 49.74 | 36.63 | 12.00 | 52.28 | --- | ---  | Peak | 4       | 7440.00 | 21.30 | 54.00  | -32.70 | 24.95 | 36.63 | 12.00 | 52.28 | --- | ---     | Average |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |         | Limit  |        | Read   |        | Ant    | Cable  | Preamp | APos | TPos    | Remark |       |       |      |      |     |       |        |        |      |        |        |       |       |        |        |        |        |        |        |  |  |     |        |        |        |      |      |      |    |    |     |     |  |   |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Level   | Line   | Margin | Level  | Factor | Loss   | Factor |        |      |         |        |       |       |      |      |     |       |        |        |      |        |        |       |       |        |        |        |        |        |        |  |  |     |        |        |        |      |      |      |    |    |     |     |  |   |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | dBuV/m  | dBuV/m | dB     | dBuV   | dB/m   | dB     | dB     | cm     | deg  |         |        |       |       |      |      |     |       |        |        |      |        |        |       |       |        |        |        |        |        |        |  |  |     |        |        |        |      |      |      |    |    |     |     |  |   |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 4960.00 | 49.33  | 74.00  | -24.67 | 55.96  | 35.71  | 10.34  | 52.68  | 191  | 113     | Peak   |       |       |      |      |     |       |        |        |      |        |        |       |       |        |        |        |        |        |        |  |  |     |        |        |        |      |      |      |    |    |     |     |  |   |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 4960.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 24.54   | 54.00  | -29.46 | 31.17  | 35.71  | 10.34  | 52.68  | 191    | 113  | Average |        |       |       |      |      |     |       |        |        |      |        |        |       |       |        |        |        |        |        |        |  |  |     |        |        |        |      |      |      |    |    |     |     |  |   |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 7440.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 46.09   | 74.00  | -27.91 | 49.74  | 36.63  | 12.00  | 52.28  | ---    | ---  | Peak    |        |       |       |      |      |     |       |        |        |      |        |        |       |       |        |        |        |        |        |        |  |  |     |        |        |        |      |      |      |    |    |     |     |  |   |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 7440.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 21.30   | 54.00  | -32.70 | 24.95  | 36.63  | 12.00  | 52.28  | ---    | ---  | Average |        |       |       |      |      |     |       |        |        |      |        |        |       |       |        |        |        |        |        |        |  |  |     |        |        |        |      |      |      |    |    |     |     |  |   |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |         |        |        |        |        |        |        |        |      |         |        |       |       |      |      |     |       |        |        |      |        |        |       |       |        |        |        |        |        |        |  |  |     |        |        |        |      |      |      |    |    |     |     |  |   |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |
| <table><tr><th colspan="2"></th><th colspan="2">Limit</th><th colspan="2">Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>APos</th><th>TPos</th><th rowspan="2">Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>4960.00</td><td>52.63</td><td>74.00</td><td>-21.37</td><td>59.26</td><td>35.71</td><td>10.34</td><td>52.68</td><td>180</td><td>354</td><td>Peak</td></tr><tr><td>2</td><td>4960.00</td><td>27.84</td><td>54.00</td><td>-26.16</td><td>34.47</td><td>35.71</td><td>10.34</td><td>52.68</td><td>180</td><td>354</td><td>Average</td></tr><tr><td>3</td><td>7440.00</td><td>46.01</td><td>74.00</td><td>-27.99</td><td>49.66</td><td>36.63</td><td>12.00</td><td>52.28</td><td>---</td><td>---</td><td>Peak</td></tr><tr><td>4</td><td>7440.00</td><td>21.22</td><td>54.00</td><td>-32.78</td><td>24.87</td><td>36.63</td><td>12.00</td><td>52.28</td><td>---</td><td>---</td><td>Average</td></tr></table> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |         |        |        |        |        |        |        |        |      |         |        | Limit |       | Read |      | Ant | Cable | Preamp | APos   | TPos | Remark | Freq   | Level | Line  | Margin | Level  | Factor | Loss   | Factor |        |  |  | MHz | dBuV/m | dBuV/m | dB     | dBuV | dB/m | dB   | dB | cm | deg |     |  | 1 | 4960.00 | 52.63   | 74.00 | -21.37 | 59.26  | 35.71 | 10.34 | 52.68 | 180   | 354 | Peak | 2    | 4960.00 | 27.84   | 54.00 | -26.16 | 34.47  | 35.71 | 10.34 | 52.68 | 180   | 354 | Average | 3       | 7440.00 | 46.01   | 74.00 | -27.99 | 49.66  | 36.63 | 12.00 | 52.28 | ---   | --- | Peak | 4    | 7440.00 | 21.22   | 54.00 | -32.78 | 24.87  | 36.63 | 12.00 | 52.28 | ---   | --- | Average |         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Limit   |        | Read   |        | Ant    | Cable  | Preamp | APos   | TPos | Remark  |        |       |       |      |      |     |       |        |        |      |        |        |       |       |        |        |        |        |        |        |  |  |     |        |        |        |      |      |      |    |    |     |     |  |   |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |
| Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Line    | Margin | Level  | Factor | Loss   | Factor |        |        |      |         |        |       |       |      |      |     |       |        |        |      |        |        |       |       |        |        |        |        |        |        |  |  |     |        |        |        |      |      |      |    |    |     |     |  |   |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |
| MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | dBuV/m  | dB     | dBuV   | dB/m   | dB     | dB     | cm     | deg    |      |         |        |       |       |      |      |     |       |        |        |      |        |        |       |       |        |        |        |        |        |        |  |  |     |        |        |        |      |      |      |    |    |     |     |  |   |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 4960.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 52.63   | 74.00  | -21.37 | 59.26  | 35.71  | 10.34  | 52.68  | 180    | 354  | Peak    |        |       |       |      |      |     |       |        |        |      |        |        |       |       |        |        |        |        |        |        |  |  |     |        |        |        |      |      |      |    |    |     |     |  |   |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 4960.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 27.84   | 54.00  | -26.16 | 34.47  | 35.71  | 10.34  | 52.68  | 180    | 354  | Average |        |       |       |      |      |     |       |        |        |      |        |        |       |       |        |        |        |        |        |        |  |  |     |        |        |        |      |      |      |    |    |     |     |  |   |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 7440.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 46.01   | 74.00  | -27.99 | 49.66  | 36.63  | 12.00  | 52.28  | ---    | ---  | Peak    |        |       |       |      |      |     |       |        |        |      |        |        |       |       |        |        |        |        |        |        |  |  |     |        |        |        |      |      |      |    |    |     |     |  |   |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 7440.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 21.22   | 54.00  | -32.78 | 24.87  | 36.63  | 12.00  | 52.28  | ---    | ---  | Average |        |       |       |      |      |     |       |        |        |      |        |        |       |       |        |        |        |        |        |        |  |  |     |        |        |        |      |      |      |    |    |     |     |  |   |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |         |         |       |        |        |       |       |       |       |     |      |      |         |         |       |        |        |       |       |       |       |     |         |         |



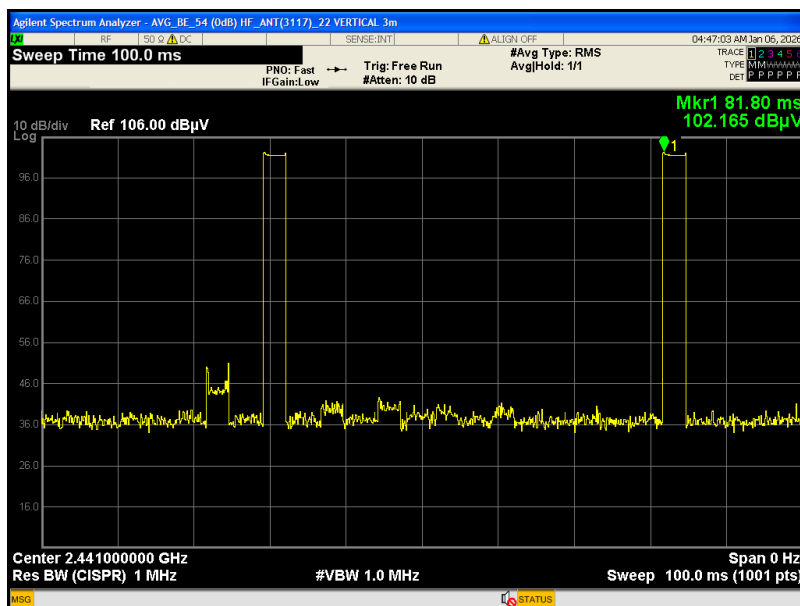
| Mode        | 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        |        |        |        |        |                                                                                     |       |        |        |      |        |        |     |       |        |      |      |        |  |     |        |        |    |      |      |    |    |    |    |     |  |   |       |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |      |       |       |      |        |      |     |       |        |      |      |        |  |     |        |        |    |      |      |    |    |    |    |     |  |   |       |       |       |        |       |       |      |       |     |     |     |      |   |       |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|--------|--------|--------|-------------------------------------------------------------------------------------|-------|--------|--------|------|--------|--------|-----|-------|--------|------|------|--------|--|-----|--------|--------|----|------|------|----|----|----|----|-----|--|---|-------|-------|-------|--------|-------|-------|------|-------|-----|-----|-----|------|---|--------|-------|-------|--------|-------|-------|------|-------|-----|-----|-----|------|---|--------|-------|-------|--------|-------|-------|------|-------|-----|-----|-----|------|---|--------|-------|-------|--------|-------|-------|------|-------|-----|-----|-----|------|---|--------|-------|-------|--------|-------|-------|------|-------|-----|-----|-----|------|---|--------|-------|-------|--------|-------|-------|------|-------|-----|-----|-----|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|------|-------|-------|------|--------|------|-----|-------|--------|------|------|--------|--|-----|--------|--------|----|------|------|----|----|----|----|-----|--|---|-------|-------|-------|--------|-------|-------|------|-------|-----|-----|-----|------|---|-------|-------|-------|--------|-------|-------|------|-------|-----|-----|-----|------|---|--------|-------|-------|--------|-------|-------|------|-------|-----|-----|-----|------|---|--------|-------|-------|--------|-------|-------|------|-------|-----|-----|-----|------|---|--------|-------|-------|--------|-------|-------|------|-------|-----|-----|-----|------|---|--------|-------|-------|--------|-------|-------|------|-------|-----|-----|-----|------|
|             | LF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |        |        |        |        |        |                                                                                     |       |        |        |      |        |        |     |       |        |      |      |        |  |     |        |        |    |      |      |    |    |    |    |     |  |   |       |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |      |       |       |      |        |      |     |       |        |      |      |        |  |     |        |        |    |      |      |    |    |    |    |     |  |   |       |       |       |        |       |       |      |       |     |     |     |      |   |       |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |
|             | 2400-2483.5_Bluetooth BR_GFSK-LF_CH78_2480MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |        |        |        |        |        |                                                                                     |       |        |        |      |        |        |     |       |        |      |      |        |  |     |        |        |    |      |      |    |    |    |    |     |  |   |       |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |      |       |       |      |        |      |     |       |        |      |      |        |  |     |        |        |    |      |      |    |    |    |    |     |  |   |       |       |       |        |       |       |      |       |     |     |     |      |   |       |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |
| ANT         | 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        |        |        |        |        |                                                                                     |       |        |        |      |        |        |     |       |        |      |      |        |  |     |        |        |    |      |      |    |    |    |    |     |  |   |       |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |      |       |       |      |        |      |     |       |        |      |      |        |  |     |        |        |    |      |      |    |    |    |    |     |  |   |       |       |       |        |       |       |      |       |     |     |     |      |   |       |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |
| Pol.        | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |        |        |        |        |        | Vertical                                                                            |       |        |        |      |        |        |     |       |        |      |      |        |  |     |        |        |    |      |      |    |    |    |    |     |  |   |       |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |      |       |       |      |        |      |     |       |        |      |      |        |  |     |        |        |    |      |      |    |    |    |    |     |  |   |       |       |       |        |       |       |      |       |     |     |     |      |   |       |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |
| QP/<br>Peak |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        |        |        |        |        |  |       |        |        |      |        |        |     |       |        |      |      |        |  |     |        |        |    |      |      |    |    |    |    |     |  |   |       |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |      |       |       |      |        |      |     |       |        |      |      |        |  |     |        |        |    |      |      |    |    |    |    |     |  |   |       |       |       |        |       |       |      |       |     |     |     |      |   |       |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |
|             | <table><tr><th></th><th>Freq</th><th>Level</th><th>Limit</th><th>Line</th><th>Margin</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>APos</th><th>TPos</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>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>30.97</td><td>21.85</td><td>40.00</td><td>-18.15</td><td>41.86</td><td>18.84</td><td>1.03</td><td>39.88</td><td>---</td><td>---</td><td>---</td><td>Peak</td></tr><tr><td>2</td><td>205.57</td><td>18.80</td><td>43.50</td><td>-24.70</td><td>39.68</td><td>16.51</td><td>2.60</td><td>39.99</td><td>---</td><td>---</td><td>---</td><td>Peak</td></tr><tr><td>3</td><td>230.79</td><td>22.45</td><td>46.00</td><td>-23.55</td><td>42.10</td><td>17.57</td><td>2.75</td><td>39.97</td><td>---</td><td>---</td><td>---</td><td>Peak</td></tr><tr><td>4</td><td>564.47</td><td>25.70</td><td>46.00</td><td>-20.30</td><td>36.00</td><td>25.08</td><td>4.28</td><td>39.66</td><td>---</td><td>---</td><td>---</td><td>Peak</td></tr><tr><td>5</td><td>834.13</td><td>30.73</td><td>46.00</td><td>-15.27</td><td>36.50</td><td>28.49</td><td>5.18</td><td>39.44</td><td>---</td><td>---</td><td>---</td><td>Peak</td></tr><tr><td>6</td><td>951.50</td><td>30.33</td><td>46.00</td><td>-15.67</td><td>34.29</td><td>29.78</td><td>5.57</td><td>39.31</td><td>---</td><td>---</td><td>---</td><td>Peak</td></tr></table> |        |        |        |        |        |                                                                                     | Freq  | Level  | Limit  | Line | Margin | Read   | Ant | Cable | Preamp | APos | TPos | Remark |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | cm | deg |  | 1 | 30.97 | 21.85 | 40.00 | -18.15 | 41.86 | 18.84 | 1.03 | 39.88 | --- | --- | --- | Peak | 2 | 205.57 | 18.80 | 43.50 | -24.70 | 39.68 | 16.51 | 2.60 | 39.99 | --- | --- | --- | Peak | 3 | 230.79 | 22.45 | 46.00 | -23.55 | 42.10 | 17.57 | 2.75 | 39.97 | --- | --- | --- | Peak | 4 | 564.47 | 25.70 | 46.00 | -20.30 | 36.00 | 25.08 | 4.28 | 39.66 | --- | --- | --- | Peak | 5 | 834.13 | 30.73 | 46.00 | -15.27 | 36.50 | 28.49 | 5.18 | 39.44 | --- | --- | --- | Peak | 6 | 951.50 | 30.33 | 46.00 | -15.67 | 34.29 | 29.78 | 5.57 | 39.31 | --- | --- | --- | Peak | <table><tr><th></th><th>Freq</th><th>Level</th><th>Limit</th><th>Line</th><th>Margin</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>APos</th><th>TPos</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>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>30.00</td><td>22.64</td><td>40.00</td><td>-17.36</td><td>42.66</td><td>18.85</td><td>1.01</td><td>39.88</td><td>---</td><td>---</td><td>---</td><td>Peak</td></tr><tr><td>2</td><td>50.37</td><td>20.61</td><td>40.00</td><td>-19.39</td><td>38.95</td><td>20.30</td><td>1.30</td><td>39.94</td><td>---</td><td>---</td><td>---</td><td>Peak</td></tr><tr><td>3</td><td>101.78</td><td>18.62</td><td>43.50</td><td>-24.88</td><td>41.70</td><td>15.14</td><td>1.85</td><td>40.07</td><td>---</td><td>---</td><td>---</td><td>Peak</td></tr><tr><td>4</td><td>242.43</td><td>20.99</td><td>46.00</td><td>-25.01</td><td>40.04</td><td>18.10</td><td>2.82</td><td>39.97</td><td>---</td><td>---</td><td>---</td><td>Peak</td></tr><tr><td>5</td><td>722.58</td><td>27.82</td><td>46.00</td><td>-18.18</td><td>35.29</td><td>27.24</td><td>4.83</td><td>39.54</td><td>---</td><td>---</td><td>---</td><td>Peak</td></tr><tr><td>6</td><td>941.80</td><td>30.62</td><td>46.00</td><td>-15.38</td><td>34.68</td><td>29.73</td><td>5.54</td><td>39.33</td><td>---</td><td>---</td><td>---</td><td>Peak</td></tr></table> |  |  |  |  |  |  | Freq | Level | Limit | Line | Margin | Read | Ant | Cable | Preamp | APos | TPos | Remark |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | cm | deg |  | 1 | 30.00 | 22.64 | 40.00 | -17.36 | 42.66 | 18.85 | 1.01 | 39.88 | --- | --- | --- | Peak | 2 | 50.37 | 20.61 | 40.00 | -19.39 | 38.95 | 20.30 | 1.30 | 39.94 | --- | --- | --- | Peak | 3 | 101.78 | 18.62 | 43.50 | -24.88 | 41.70 | 15.14 | 1.85 | 40.07 | --- | --- | --- | Peak | 4 | 242.43 | 20.99 | 46.00 | -25.01 | 40.04 | 18.10 | 2.82 | 39.97 | --- | --- | --- | Peak | 5 | 722.58 | 27.82 | 46.00 | -18.18 | 35.29 | 27.24 | 4.83 | 39.54 | --- | --- | --- | Peak | 6 | 941.80 | 30.62 | 46.00 | -15.38 | 34.68 | 29.73 | 5.54 | 39.33 | --- | --- | --- | Peak |
|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Freq   | Level  | Limit  | Line   | Margin | Read                                                                                | Ant   | Cable  | Preamp | APos | TPos   | Remark |     |       |        |      |      |        |  |     |        |        |    |      |      |    |    |    |    |     |  |   |       |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |      |       |       |      |        |      |     |       |        |      |      |        |  |     |        |        |    |      |      |    |    |    |    |     |  |   |       |       |       |        |       |       |      |       |     |     |     |      |   |       |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |
|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | MHz    | dBuV/m | dBuV/m | dB     | dBuV   | dB/m                                                                                | dB    | dB     | dB     | cm   | deg    |        |     |       |        |      |      |        |  |     |        |        |    |      |      |    |    |    |    |     |  |   |       |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |      |       |       |      |        |      |     |       |        |      |      |        |  |     |        |        |    |      |      |    |    |    |    |     |  |   |       |       |       |        |       |       |      |       |     |     |     |      |   |       |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |
|             | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 30.97  | 21.85  | 40.00  | -18.15 | 41.86  | 18.84                                                                               | 1.03  | 39.88  | ---    | ---  | ---    | Peak   |     |       |        |      |      |        |  |     |        |        |    |      |      |    |    |    |    |     |  |   |       |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |      |       |       |      |        |      |     |       |        |      |      |        |  |     |        |        |    |      |      |    |    |    |    |     |  |   |       |       |       |        |       |       |      |       |     |     |     |      |   |       |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |
|             | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 205.57 | 18.80  | 43.50  | -24.70 | 39.68  | 16.51                                                                               | 2.60  | 39.99  | ---    | ---  | ---    | Peak   |     |       |        |      |      |        |  |     |        |        |    |      |      |    |    |    |    |     |  |   |       |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |      |       |       |      |        |      |     |       |        |      |      |        |  |     |        |        |    |      |      |    |    |    |    |     |  |   |       |       |       |        |       |       |      |       |     |     |     |      |   |       |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |
|             | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 230.79 | 22.45  | 46.00  | -23.55 | 42.10  | 17.57                                                                               | 2.75  | 39.97  | ---    | ---  | ---    | Peak   |     |       |        |      |      |        |  |     |        |        |    |      |      |    |    |    |    |     |  |   |       |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |      |       |       |      |        |      |     |       |        |      |      |        |  |     |        |        |    |      |      |    |    |    |    |     |  |   |       |       |       |        |       |       |      |       |     |     |     |      |   |       |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |
|             | 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 564.47 | 25.70  | 46.00  | -20.30 | 36.00  | 25.08                                                                               | 4.28  | 39.66  | ---    | ---  | ---    | Peak   |     |       |        |      |      |        |  |     |        |        |    |      |      |    |    |    |    |     |  |   |       |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |      |       |       |      |        |      |     |       |        |      |      |        |  |     |        |        |    |      |      |    |    |    |    |     |  |   |       |       |       |        |       |       |      |       |     |     |     |      |   |       |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |
|             | 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 834.13 | 30.73  | 46.00  | -15.27 | 36.50  | 28.49                                                                               | 5.18  | 39.44  | ---    | ---  | ---    | Peak   |     |       |        |      |      |        |  |     |        |        |    |      |      |    |    |    |    |     |  |   |       |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |      |       |       |      |        |      |     |       |        |      |      |        |  |     |        |        |    |      |      |    |    |    |    |     |  |   |       |       |       |        |       |       |      |       |     |     |     |      |   |       |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |
|             | 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 951.50 | 30.33  | 46.00  | -15.67 | 34.29  | 29.78                                                                               | 5.57  | 39.31  | ---    | ---  | ---    | Peak   |     |       |        |      |      |        |  |     |        |        |    |      |      |    |    |    |    |     |  |   |       |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |      |       |       |      |        |      |     |       |        |      |      |        |  |     |        |        |    |      |      |    |    |    |    |     |  |   |       |       |       |        |       |       |      |       |     |     |     |      |   |       |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |
|             | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Level  | Limit  | Line   | Margin | Read   | Ant                                                                                 | Cable | Preamp | APos   | TPos | Remark |        |     |       |        |      |      |        |  |     |        |        |    |      |      |    |    |    |    |     |  |   |       |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |      |       |       |      |        |      |     |       |        |      |      |        |  |     |        |        |    |      |      |    |    |    |    |     |  |   |       |       |       |        |       |       |      |       |     |     |     |      |   |       |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |
|             | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | dBuV/m | dBuV/m | dB     | dBuV   | dB/m   | dB                                                                                  | dB    | dB     | cm     | deg  |        |        |     |       |        |      |      |        |  |     |        |        |    |      |      |    |    |    |    |     |  |   |       |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |      |       |       |      |        |      |     |       |        |      |      |        |  |     |        |        |    |      |      |    |    |    |    |     |  |   |       |       |       |        |       |       |      |       |     |     |     |      |   |       |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |
| 1           | 30.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 22.64  | 40.00  | -17.36 | 42.66  | 18.85  | 1.01                                                                                | 39.88 | ---    | ---    | ---  | Peak   |        |     |       |        |      |      |        |  |     |        |        |    |      |      |    |    |    |    |     |  |   |       |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |      |       |       |      |        |      |     |       |        |      |      |        |  |     |        |        |    |      |      |    |    |    |    |     |  |   |       |       |       |        |       |       |      |       |     |     |     |      |   |       |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |
| 2           | 50.37                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 20.61  | 40.00  | -19.39 | 38.95  | 20.30  | 1.30                                                                                | 39.94 | ---    | ---    | ---  | Peak   |        |     |       |        |      |      |        |  |     |        |        |    |      |      |    |    |    |    |     |  |   |       |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |      |       |       |      |        |      |     |       |        |      |      |        |  |     |        |        |    |      |      |    |    |    |    |     |  |   |       |       |       |        |       |       |      |       |     |     |     |      |   |       |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |
| 3           | 101.78                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 18.62  | 43.50  | -24.88 | 41.70  | 15.14  | 1.85                                                                                | 40.07 | ---    | ---    | ---  | Peak   |        |     |       |        |      |      |        |  |     |        |        |    |      |      |    |    |    |    |     |  |   |       |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |      |       |       |      |        |      |     |       |        |      |      |        |  |     |        |        |    |      |      |    |    |    |    |     |  |   |       |       |       |        |       |       |      |       |     |     |     |      |   |       |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |
| 4           | 242.43                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 20.99  | 46.00  | -25.01 | 40.04  | 18.10  | 2.82                                                                                | 39.97 | ---    | ---    | ---  | Peak   |        |     |       |        |      |      |        |  |     |        |        |    |      |      |    |    |    |    |     |  |   |       |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |      |       |       |      |        |      |     |       |        |      |      |        |  |     |        |        |    |      |      |    |    |    |    |     |  |   |       |       |       |        |       |       |      |       |     |     |     |      |   |       |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |
| 5           | 722.58                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 27.82  | 46.00  | -18.18 | 35.29  | 27.24  | 4.83                                                                                | 39.54 | ---    | ---    | ---  | Peak   |        |     |       |        |      |      |        |  |     |        |        |    |      |      |    |    |    |    |     |  |   |       |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |      |       |       |      |        |      |     |       |        |      |      |        |  |     |        |        |    |      |      |    |    |    |    |     |  |   |       |       |       |        |       |       |      |       |     |     |     |      |   |       |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |
| 6           | 941.80                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 30.62  | 46.00  | -15.38 | 34.68  | 29.73  | 5.54                                                                                | 39.33 | ---    | ---    | ---  | Peak   |        |     |       |        |      |      |        |  |     |        |        |    |      |      |    |    |    |    |     |  |   |       |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |      |       |       |      |        |      |     |       |        |      |      |        |  |     |        |        |    |      |      |    |    |    |    |     |  |   |       |       |       |        |       |       |      |       |     |     |     |      |   |       |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |
|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |        |        |        |        |        |                                                                                     |       |        |        |      |        |        |     |       |        |      |      |        |  |     |        |        |    |      |      |    |    |    |    |     |  |   |       |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |      |       |       |      |        |      |     |       |        |      |      |        |  |     |        |        |    |      |      |    |    |    |    |     |  |   |       |       |       |        |       |       |      |       |     |     |     |      |   |       |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |   |        |       |       |        |       |       |      |       |     |     |     |      |

## Appendix D. Duty Cycle Plots

### DH5 on time (One Pulse) Plot on Channel 39



### DH5 on time (Count Pulses) Plot on Channel 39



#### 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. DH5 has the highest duty cycle worst case and is reported.