

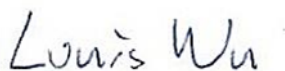


# FCC RADIO TEST REPORT

**FCC ID** : HLZA24005  
**Equipment** : Tablet PC  
**Brand Name** : acer  
**Model Name** : A24005  
**Marketing Name** : Acer Iconia V11, V11-11  
**Applicant** : Acer Incorporated  
8F., No. 88, Sec. 1, Xintai 5th Rd., Xizhi Dist., New  
Taipei City 22181, Taiwan (R.O.C)  
**Manufacturer** : Acer Incorporated  
8F., No. 88, Sec. 1, Xintai 5th Rd., Xizhi Dist., New  
Taipei City 22181, Taiwan (R.O.C)  
**Standard** : FCC Part 15 Subpart C §15.247

The product was received on Jul. 17, 2024 and testing was performed from Jul. 29, 2024 to Aug. 19, 2024. We, Sporton International Inc. Wensan Laboratory, 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 from Sporton International Inc. Wensan Laboratory, the test report shall not be reproduced except in full.



Approved by: Louis Wu

**Sporton International Inc. Wensan Laboratory**

No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)



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## History of this test report

| Report No. | Version | Description                                                                                           | Issue Date    |
|------------|---------|-------------------------------------------------------------------------------------------------------|---------------|
| FR471715C  | 01      | Initial issue of report                                                                               | Sep. 09, 2024 |
| FR471715C  | 02      | Revise Appendix C.<br>This report is an updated version, replacing the report issued on Sep. 09, 2024 | Sep. 13, 2024 |
|            |         |                                                                                                       |               |
|            |         |                                                                                                       |               |
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|            |         |                                                                                                       |               |
|            |         |                                                                                                       |               |

## Summary of Test Result

| Report Clause | Ref Std. Clause | Test Items                                         | Result (PASS/FAIL) | Remark                                 |
|---------------|-----------------|----------------------------------------------------|--------------------|----------------------------------------|
| 3.1           | 15.247(a)(2)    | 6dB Bandwidth                                      | Pass               | -                                      |
| 3.1           | 2.1049          | 99% Occupied Bandwidth                             | Reporting only     | -                                      |
| 3.2           | 15.247(b)       | Power Output Measurement                           | Pass               | -                                      |
| 3.3           | 15.247(e)       | Power Spectral Density                             | Pass               | -                                      |
| 3.4           | 15.247(d)       | Conducted Band Edges                               | Pass               | -                                      |
|               |                 | Conducted Spurious Emission                        | Pass               | -                                      |
| 3.5           | 15.247(d)       | Radiated Band Edges and Radiated Spurious Emission | Pass               | 2.12 dB under the limit at 4874.00 MHz |
| 3.6           | 15.207          | AC Conducted Emission                              | Pass               | 15.28 dB under the limit at 0.50 MHz   |
| 3.7           | 15.203          | Antenna Requirement                                | Pass               | -                                      |

### Conformity Assessment Condition:

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

### Disclaimer:

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

**Reviewed by: Keven Cheng**

**Report Producer: Ming Chen**



# 1 General Description

## 1.1 Product Feature of Equipment Under Test

| Product Feature                                                                                                  |                 |      |
|------------------------------------------------------------------------------------------------------------------|-----------------|------|
| <b>General Specs</b><br>Bluetooth, Wi-Fi 2.4GHz 802.11b/g/n/ac, Wi-Fi 5GHz 802.11a/n/ac and GNSS.                |                 |      |
| <b>Antenna Type</b><br>WLAN: FPC Antenna<br>Bluetooth: FPC Antenna<br>GPS / Glonass / BDS / Galileo: FPC Antenna |                 |      |
| Antenna information                                                                                              |                 |      |
| <b>2400 MHz ~ 2483.5 MHz</b>                                                                                     | Peak Gain (dBi) | 0.28 |

**Remark:** The EUT's information above is declared by manufacturer. Please refer to Disclaimer in report summary.

| SKU List         |                                                                                                             |                                                                                                             |
|------------------|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| Model            | SKU1 (6+128GB)                                                                                              | SKU2 (6+128GB) Second source                                                                                |
| CPU              | G80 (MT8786) WiFi only                                                                                      | G80 (MT8786) WiFi only                                                                                      |
| PCB              | Wuzhu                                                                                                       | Wuzhu                                                                                                       |
| PCB 2            | Kingshine                                                                                                   | Kingshine                                                                                                   |
| LCM              | K&D KD110N09-51II-A002                                                                                      | K&D KD110N09-51II-A002                                                                                      |
| LCM 2            | STARRY 2082109QFH036011-50G                                                                                 | STARRY 2082109QFH036011-50G                                                                                 |
| Memory           | Longsys MLXC4006G 6GB LPDDR4X                                                                               | CXMT CXDBCCCDM-MK-M                                                                                         |
| eMMC             | Longsys FEMDNN128G 128GB                                                                                    | UDStore UEMDGS63S0 128GB                                                                                    |
| Battery          | UTL\Battery\Li-polymer\Pack\MG1011\U3189 91PV-2P\8000mAh_30.4Wh\3.8V\177*93*3.2 5mm\Connector 51146-5P\ACER | UTL\Battery\Li-polymer\Pack\MG1011\U3189 91PV-2P\8000mAh_30.4Wh\3.8V\177*93*3.2 5mm\Connector 51146-5P\ACER |
| Wifi / Bluetooth | MT6631N/A, 802.11 a/b/g/n/ac WIFI (2.4G+5G)                                                                 | MT6631N/A, 802.11 a/b/g/n/ac WIFI (2.4G+5G)                                                                 |
| GPS              | MT6631N/A, GPS BEIDOU, GLONASS, Galileo                                                                     | MT6631N/A, GPS BEIDOU, GLONASS, Galileo                                                                     |
| Front Camera     | Zhuocheng ZE2140-MG1011_F-V1.0                                                                              | Zhuocheng ZE2140-MG1011_F-V1.0                                                                              |
| Rear Camera      | Zhuocheng ZE2142-MG1011_B-V1.0 (8856)                                                                       | Zhuocheng ZE2142-MG1011_B-V1.0 (8856)                                                                       |
| Speaker-R        | Ming Tai Dian Sheng S-1712C-8A-MG1011-R-BOX                                                                 | Ming Tai Dian Sheng S-1712C-8A-MG1011-R-BOX                                                                 |
| Speaker-L        | Ming Tai Dian Sheng S-1712C-8A-MG1011-L-BOX                                                                 | Ming Tai Dian Sheng S-1712C-8A-MG1011-L-BOX                                                                 |
| Wifi Antenna     | Sward ST1821A-1B2-A                                                                                         | Sward ST1821A-1B2-A                                                                                         |
| GPS Antenna      | Sward ST1821A-1B2-A                                                                                         | Sward ST1821A-1B2-A                                                                                         |
| Adapter 1        | Aoda<br>A829-120167C-AR1<br>A829-120167C-US1<br>A829-120167C-EU1<br>A829-120167C-TL1<br>A829-120167C-UK1    | Aoda<br>A829-120167C-AR1<br>A829-120167C-US1<br>A829-120167C-EU1<br>A829-120167C-TL1<br>A829-120167C-UK1    |
| Adapter 2        | TEKA<br>TEKA-SCC20EU<br>TEKA-SCC20BS<br>TEKA-SCC20US<br>TEKA-SCC20AR                                        | TEKA<br>TEKA-SCC20EU<br>TEKA-SCC20BS<br>TEKA-SCC20US<br>TEKA-SCC20AR                                        |



| SKU List         |                                                                                                            |                                                                                                             |
|------------------|------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| Model            | SKU3 (6+256GB)                                                                                             | SKU4 (6+256GB) Second source                                                                                |
| CPU              | G80 (MT8786) WiFi only                                                                                     | G80 (MT8786) WiFi only                                                                                      |
| PCB              | Wuzhu                                                                                                      | Wuzhu                                                                                                       |
| PCB 2            | Kingshine                                                                                                  | Kingshine                                                                                                   |
| LCM              | K&D KD110N09-51II-A002                                                                                     | K&D KD110N09-51II-A002                                                                                      |
| LCM 2            | STARRY 2082109QFH036011-50G                                                                                | STARRY 2082109QFH036011-50G                                                                                 |
| Memory           | Longsys MLXC4006G 6GB LPDDR4X                                                                              | CXMT CXDBCCCDM-MK-M                                                                                         |
| eMMC             | Longsys FEMDNN256G 256GB                                                                                   | Shichuangyi (SCY) E256CSAG4ABE00 256GB                                                                      |
| Battery          | UTL\Battery\Li-polymer\Pack\MG1011\U3 18991PV-2P\8000mAh_30.4Wh\3.8V\177*93*3.25mm\Connector 51146-5P\ACER | UTL\Battery\Li-polymer\Pack\MG1011\U318991PV -2P\8000mAh_30.4Wh\3.8V\177*93*3.25mm\Conn ector 51146-5P\ACER |
| Wifi / Bluetooth | MT6631N/A, 802.11 a/b/g/n/ac WIFI (2.4G+5G)                                                                | MT6631N/A, 802.11 a/b/g/n/ac WIFI (2.4G+5G)                                                                 |
| GPS              | MT6631N/A, GPS BEIDOU, GLONASS, Galileo                                                                    | MT6631N/A, GPS BEIDOU, GLONASS, Galileo                                                                     |
| Front Camera     | Zhuocheng ZE2140-MG1011_F-V1.0                                                                             | Zhuocheng ZE2140-MG1011_F-V1.0                                                                              |
| Rear Camera      | Zhuocheng ZE2142-MG1011_B-V1.0 (8856)                                                                      | Zhuocheng ZE2142-MG1011_B-V1.0 (8856)                                                                       |
| Speaker-R        | Ming Tai Dian Sheng S-1712C-8A-MG1011-R-BOX                                                                | Ming Tai Dian Sheng S-1712C-8A-MG1011-R-BOX                                                                 |
| Speaker-L        | Ming Tai Dian Sheng S-1712C-8A-MG1011-L-BOX                                                                | Ming Tai Dian Sheng S-1712C-8A-MG1011-L-BOX                                                                 |
| Wifi Antenna     | Sward ST1821A-1B2-A                                                                                        | Sward ST1821A-1B2-A                                                                                         |
| GPS Antenna      | Sward ST1821A-1B2-A                                                                                        | Sward ST1821A-1B2-A                                                                                         |
| Adapter 1        | Aoda<br>A829-120167C-AR1<br>A829-120167C-US1<br>A829-120167C-EU1<br>A829-120167C-TL1<br>A829-120167C-UK1   | Aoda<br>A829-120167C-AR1<br>A829-120167C-US1<br>A829-120167C-EU1<br>A829-120167C-TL1<br>A829-120167C-UK1    |
| Adapter 2        | TEKA<br>TEKA-SCC20EU<br>TEKA-SCC20BS<br>TEKA-SCC20US<br>TEKA-SCC20AR                                       | TEKA<br>TEKA-SCC20EU<br>TEKA-SCC20BS<br>TEKA-SCC20US<br>TEKA-SCC20AR                                        |



## 1.2 Modification of EUT

No modifications made to the EUT during the testing.

## 1.3 Testing Location

|                           |                                                                                                                                 |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| <b>Test Site</b>          | Sporton International Inc. Wensan Laboratory                                                                                    |
| <b>Test Site Location</b> | No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist.,<br>Taoyuan City 333010<br>TEL: +886-3-327-0868<br>FAX: +886-3-327-0855 |
| <b>Test Site No.</b>      | <b>Sporton Site No.</b>                                                                                                         |
|                           | TH05-HY, CO07-HY, 03CH11-HY                                                                                                     |

**Note:** The test site complies with ANSI C63.4 2014 requirement.

FCC designation No.: TW3786

## 1.4 Applicable Standards

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

- ♦ FCC Part 15 Subpart C §15.247
- ♦ FCC KDB Publication No. 558074 D01 15.247 Meas Guidance v05r02
- ♦ FCC KDB 414788 D01 Radiated Test Site v01r01.
- ♦ ANSI C63.10-2013

### **Remark:**

1. All the test items were validated and recorded in accordance with the standards without any modification during the testing.
2. The TAF code is not including all the FCC KDB listed without accreditation.

## 2 Test Configuration of Equipment Under Test

- 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, the measured emission level of the EUT was maximized by rotating the EUT on a turntable, adjusting the orientation of the EUT and EUT antenna in three orthogonal axis (X: flat, Y: portrait, Z: landscape), and adjusting the measurement antenna orientation, following C63.10 exploratory test procedures and only the worst case emissions were reported in this report.
- b. AC power line Conducted Emission was tested under maximum output power.

### 2.1 Carrier Frequency and Channel

| Frequency Band  | Channel | Freq.<br>(MHz) | Channel | Freq.<br>(MHz) |
|-----------------|---------|----------------|---------|----------------|
| 2400-2483.5 MHz | 1       | 2412           | 7       | 2442           |
|                 | 2       | 2417           | 8       | 2447           |
|                 | 3       | 2422           | 9       | 2452           |
|                 | 4       | 2427           | 10      | 2457           |
|                 | 5       | 2432           | 11      | 2462           |
|                 | 6       | 2437           |         |                |

## 2.2 Test Mode

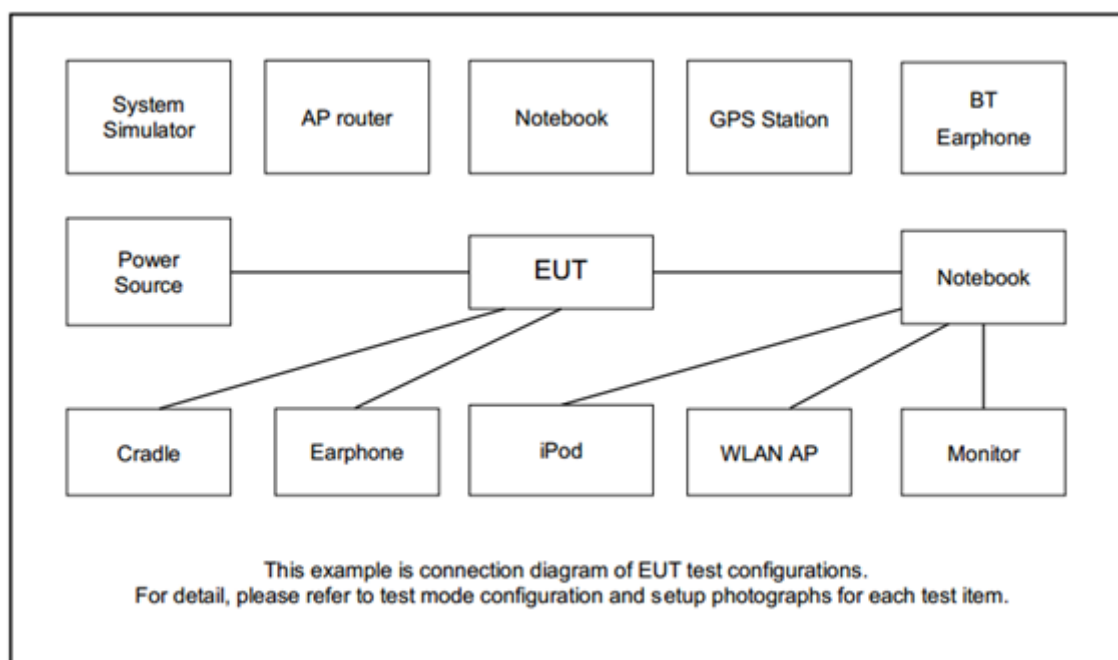
The power for 802.11ac VHT20 and VHT40 mode is smaller than 802.11n mode, so all other conducted and radiated test is covered by 802.11n mode.

The final test modes include the worst data rates for each modulation shown in the table below.

| Modulation                       | Data Rate |
|----------------------------------|-----------|
| 802.11a                          | 6 Mbps    |
| 802.11n HT20                     | MCS0      |
| 802.11n HT40                     | MCS0      |
| 802.11ac VHT20 (Covered by HT20) | MCS0      |
| 802.11ac VHT40 (Covered by HT40) | MCS0      |

| Test Cases                                                                                          |                                                                                                                   |
|-----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| <b>AC Conducted Emission</b>                                                                        | Mode 1 :Bluetooth Link + WLAN (2.4GHz) Link + Battery + USB Cable (Charging form AC Adapter 2) for SKU3 (6+256GB) |
| <b>Remark:</b> For Radiated Test Cases, the tests were performed with Adapter 2 and SKU3 (6+256GB). |                                                                                                                   |

## 2.3 Connection Diagram of Test System



## 2.4 Support Unit used in test configuration and system

| Item | Equipment          | Brand Name    | Model Name    | FCC ID       | Data Cable           | Power Cord                                                 |
|------|--------------------|---------------|---------------|--------------|----------------------|------------------------------------------------------------|
| 1.   | Bluetooth Earphone | Sony Ericsson | MW600         | PY7DDA-2029  | N/A                  | N/A                                                        |
| 2.   | WLAN AP            | ASUS          | RT-AC52       | MSQ-RTAC4A00 | N/A                  | Unshielded, 1.8 m                                          |
| 3.   | Notebook           | DELL          | Latitude 3400 | FCC DoC      | N/A                  | AC I/P:<br>Unshielded, 1.2 m<br>DC O/P:<br>Shielded, 1.8 m |
| 4.   | Earphone + Mic     | Samsung       | Ecouteur      | N/A          | Unshielded<br>1.8m   | N/A                                                        |
| 5.   | iPod Earphone      | Apple         | N/A           | Verification | Unshielded,<br>1.0 m | N/A                                                        |

## 2.5 EUT Operation Test Setup

The RF test items, make the EUT (FW: 2023-12-15-160559) get into the engineering modes to provide channel selection, power level, data rate and the application type and for continuous transmitting signals.

## 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 4.2 dB and 10 dB attenuator.

*Offset(dB) = RF cable loss(dB) + attenuator factor(dB).*

*= 4.2 + 10 = 14.2 (dB)*

### 3 Test Result

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

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

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

##### 3.1.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

##### 3.1.3 Test Procedures

1. The testing follows the ANSI C63.10 Section 6.9.3 (OBW) and 11.8.1 (6dB BW).
2. The RF output of EUT is connected to the spectrum analyzer by RF cable and attenuator. The path loss is compensated to the results for each measurement.
3. Set the maximum power setting and enable the EUT to transmit continuously.
4. Make the measurement with the spectrum analyzer's resolution bandwidth (RBW) = 100 kHz. Set the Video bandwidth (VBW) = 300 kHz. In order to make an accurate measurement. The 6 dB bandwidth must be greater than 500 kHz.
5. For 99% Bandwidth Measurement, the spectrum analyzer's resolution bandwidth (RBW) is set 1-5% of the emission bandwidth and set the Video bandwidth (VBW)  $\geq 3 * RBW$ .
6. Measure and record the results in the test report.

##### 3.1.4 Test Setup



##### 3.1.5 Test Result of 6dB and 99% Occupied Bandwidth

Please refer to Appendix A.

## 3.2 Output Power Measurement

### 3.2.1 Limit of Output Power

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

### 3.2.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

### 3.2.3 Test Procedures

1. For Average Power, the testing follows ANSI C63.10 Section 11.9.2.3.2 Method AVGPM-G
2. The RF output of EUT is connected to the power meter by RF cable and attenuator. The path loss is compensated to the results for each measurement.
3. Set the maximum power setting and enable the EUT to transmit continuously.
4. Measure the conducted output power and record the results in the test report.

### 3.2.4 Test Setup



### 3.2.5 Test Result of Average Output Power

Please refer to Appendix A.



### **3.3 Power Spectral Density Measurement**

#### **3.3.1 Limit of Power Spectral Density**

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

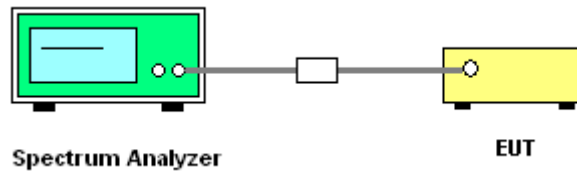
#### **3.3.2 Measuring Instruments**

Please refer to the measuring equipment list in this test report.

#### **3.3.3 Test Procedures**

1. The testing follows the ANSI C63.10 Section 11.10.2 Method PKPSD.
2. The RF output of EUT is connected to the spectrum analyzer by RF cable and attenuator. The path loss is compensated to the results for each measurement.
3. Set the maximum power setting and enable the EUT to transmit continuously.
4. Make the measurement with the spectrum analyzer's resolution bandwidth (RBW) = 3 kHz. Video bandwidth VBW = 10 kHz In order to make an accurate measurement, set the span to 1.5 times DTS Channel Bandwidth. (6dB BW)
5. Detector = peak, Sweep time = auto couple, Trace mode = max hold, Allow trace to fully stabilize. Use the peak marker function to determine the maximum power level.
6. Measure and record the results in the test report.

### 3.3.4 Test Setup



### 3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.

### 3.4 Conducted Band Edges and Spurious Emission Measurement

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

In any 100 kHz bandwidth outside of the authorized frequency band, the emissions which fall in the non-restricted bands shall be attenuated at least 20 dB / 30dB relative to the maximum PSD level in 100 kHz by RF conducted measurement.

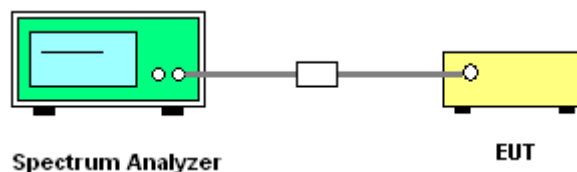
#### 3.4.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

#### 3.4.3 Test Procedures

1. The testing follows the ANSI C63.10 Section 11.11.3 Emission level measurement.
2. The RF output of EUT is connected to the spectrum analyzer by RF cable and attenuator. The path loss is compensated to the results for each measurement.
3. Set the maximum power setting and enable the EUT to transmit continuously.
4. Set RBW = 100 kHz, VBW=300 kHz, Peak Detector. Unwanted Emissions measured in any 100 kHz bandwidth outside of the authorized frequency band shall be attenuated by at least 20 dB relative to the maximum in-band peak PSD level in 100 kHz when maximum peak conducted output power procedure is used. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, the attenuation required under this paragraph shall be 30 dB instead of 20 dB per 15.247(d).
5. Measure and record the results in the test report.
6. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

#### 3.4.4 Test Setup



#### 3.4.5 Test Result of Conducted Band Edges and Spurious Emission

Please refer to Appendix A.



### 3.5 Radiated Band Edges and Spurious Emission Measurement

#### 3.5.1 Limit of Radiated band edge and Spurious Emission Measurement

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

| Frequency<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                                |

#### 3.5.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

#### 3.5.3 Test Procedures

1. The testing follows the ANSI C63.10 Section 11.12.1 Radiated emission measurements.
2. The EUT is arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level.
3. The EUT is placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
4. The EUT is set 3 meters away from the receiving antenna, which is mounted on the top of a variable height antenna tower.
5. Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level
6. Radiated testing below 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading. When there is no suspected emission found and the emission level is with at least 6 dB margin against QP limit line, the position is marked as “-”.

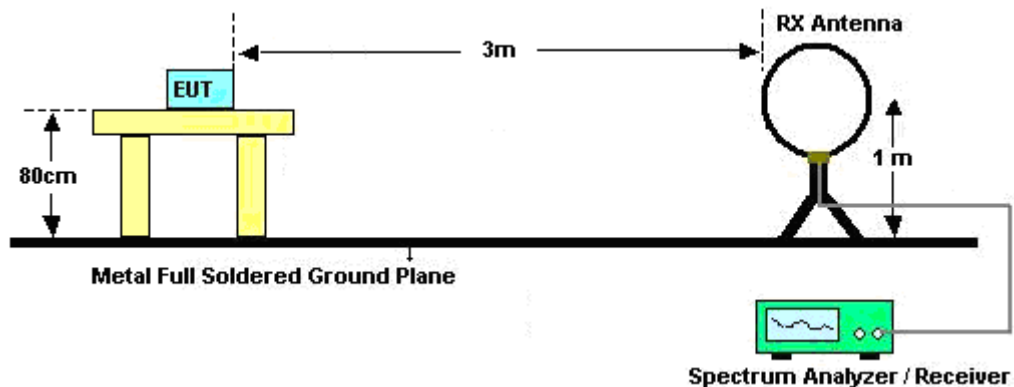
7. Radiated testing above 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading for scanning all frequencies. When there is no suspected emission found and the harmonic emission level is with at least 6 dB margin against average limit line, the position is marked as “-”.
8. Use the following spectrum analyzer settings:
  - (1) Span shall wide enough to fully capture the emission being measured;
  - (2) Set RBW = 100 kHz for  $f < 1$  GHz; VBW  $\geq$  RBW; Sweep = auto; Detector function = peak; Trace = max hold;
  - (3) Set RBW = 1 MHz, VBW = 3 MHz for  $f \geq 1$  GHz for peak measurement.

For average measurement:

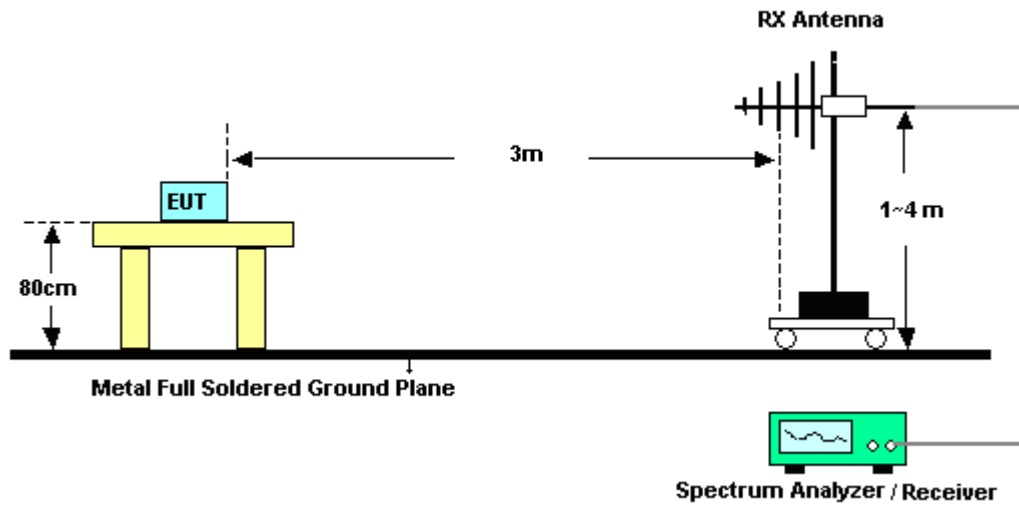
  - VBW = 10 Hz, when duty cycle is no less than 98 percent.
  - VBW  $\geq 1/T$ , when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.

### 3.5.4 Test Setup

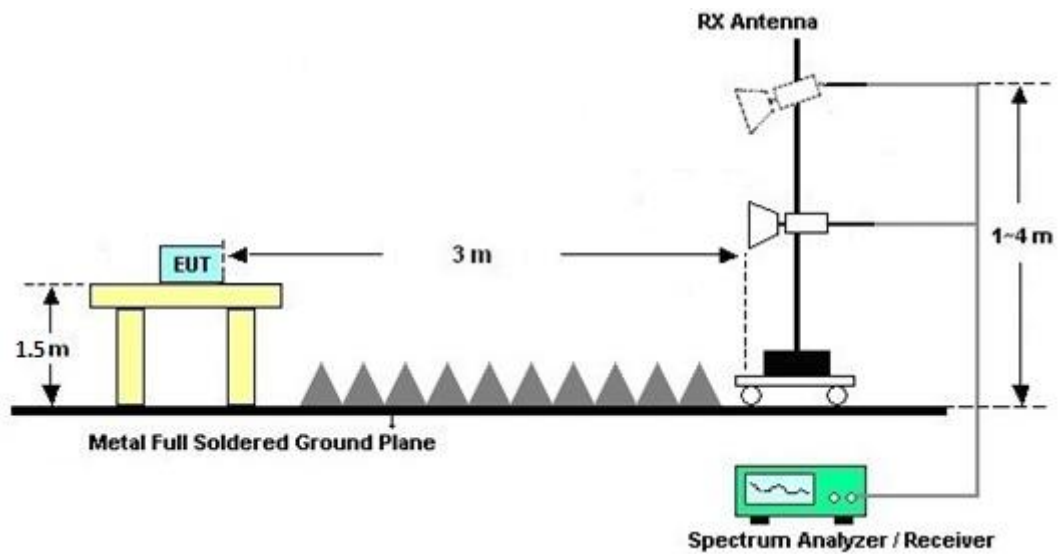
For radiated emissions below 30MHz



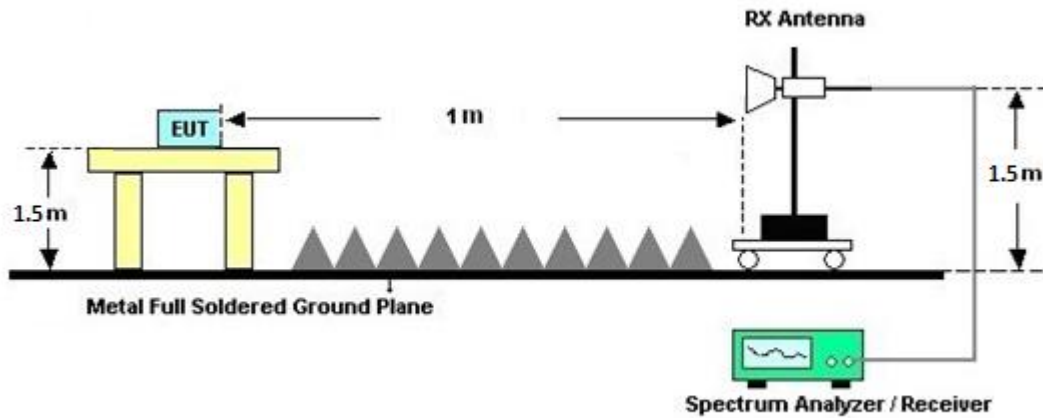
For radiated emissions from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



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

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

There is adequate comparison measurement of both open-field test site and alternative test site - semi-Anechoic chamber according to 414788 D01 Radiated Test Site v01r01, and the result comes out very similar.

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

Please refer to Appendix C.

### 3.5.7 Duty Cycle

Please refer to Appendix D.

### 3.5.8 Test Result of Radiated Spurious Emission (30MHz ~ 10<sup>th</sup> Harmonic)

Please refer to Appendix C.

### 3.6 AC Conducted Emission Measurement

#### 3.6.1 Limit of AC Conducted Emission

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

| Frequency of Emission<br>(MHz) | Conducted Limit (dB $\mu$ V) |           |
|--------------------------------|------------------------------|-----------|
|                                | Quasi-Peak                   | Average   |
| 0.15-0.5                       | 66 to 56*                    | 56 to 46* |
| 0.5-5                          | 56                           | 46        |
| 5-30                           | 60                           | 50        |

\*Decreases with the logarithm of the frequency.

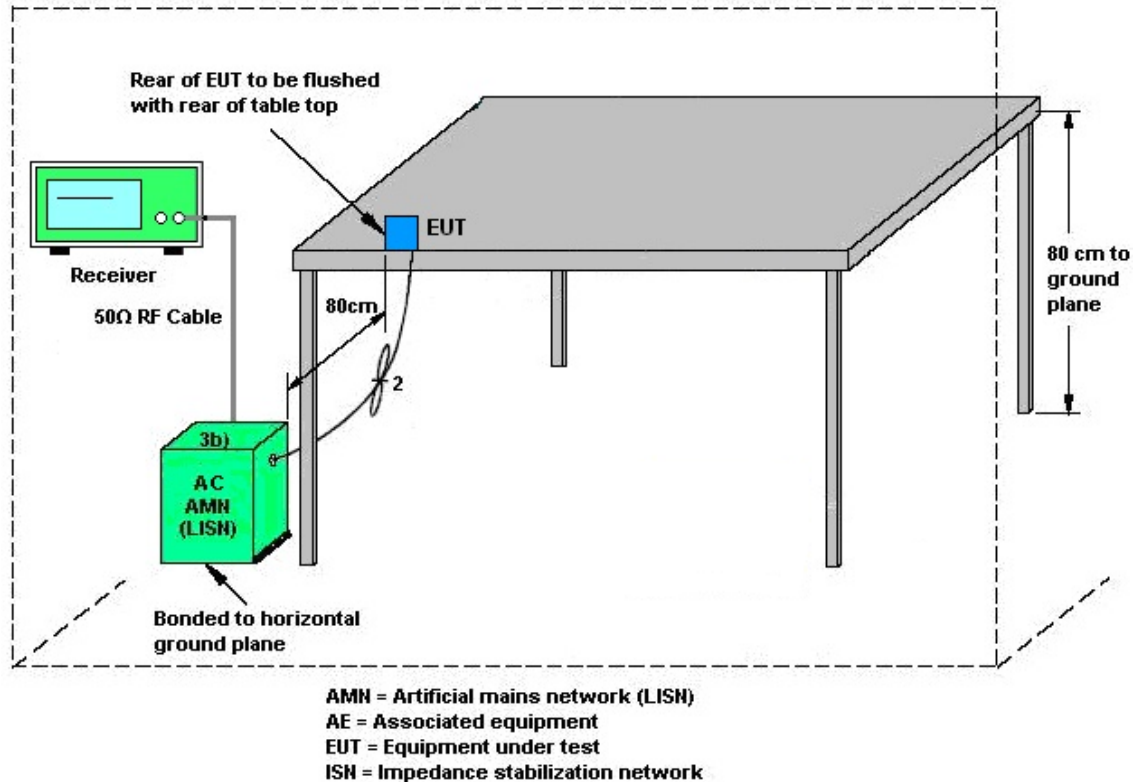
#### 3.6.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

#### 3.6.3 Test Procedures

1. The EUT is placed 0.4 meter away from the conducting wall of the shielding room, and is 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 shall be used.
6. Both Line and Neutral shall be tested in order to find out the maximum conducted emission.
7. The frequency range from 150 kHz to 30 MHz is scanned.
8. Set the test-receiver system to Peak Detect Function and specified bandwidth (IF bandwidth = 9kHz) with Maximum Hold Mode.

### 3.6.4 Test Setup



### 3.6.5 Test Result of AC Conducted Emission

Please refer to Appendix B.



## **3.7 Antenna Requirements**

### **3.7.1 Standard Applicable**

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. 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 provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. This requirement does not apply to carrier current devices or to devices operated under the provisions of §§ 15.211, 15.213, 15.217, 15.219, 15.221, or § 15.236. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with § 15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded.

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

Antenna permanently attached.



## 4 List of Measuring Equipment

| Instrument               | Brand Name      | Model No.                   | Serial No.             | Characteristics               | Calibration Date | Test Date                       | Due Date      | Remark                   |
|--------------------------|-----------------|-----------------------------|------------------------|-------------------------------|------------------|---------------------------------|---------------|--------------------------|
| Bilog Antenna            | TESEQ           | CBL 6111D & N-6-06          | 35414 & AT-N0602       | 30MHz~1GHz                    | Oct. 07, 2023    | Aug. 06, 2024~<br>Aug. 15, 2024 | Oct. 06, 2024 | Radiation<br>(03CH11-HY) |
| Loop Antenna             | Rohde & Schwarz | HFH2-Z2                     | 100488                 | 9 kHz~30 MHz                  | Sep. 12, 2023    | Aug. 06, 2024~<br>Aug. 15, 2024 | Sep. 11, 2024 | Radiation<br>(03CH11-HY) |
| Horn Antenna             | SCHWARZBECK     | BBHA 9120 D                 | 9120D-01620            | 1GHz~18GHz                    | Aug. 17, 2023    | Aug. 06, 2024~<br>Aug. 15, 2024 | Aug. 16, 2024 | Radiation<br>(03CH11-HY) |
| SHF-EHF Horn Antenna     | SCHWARZBECK     | BBHA 9170                   | 00993                  | 18GHz~40GHz                   | Nov. 24, 2023    | Aug. 06, 2024~<br>Aug. 15, 2024 | Nov. 23, 2024 | Radiation<br>(03CH11-HY) |
| Amplifier                | SONOMA          | 310N                        | 187312                 | 9kHz~1GHz                     | Dec. 08, 2023    | Aug. 06, 2024~<br>Aug. 15, 2024 | Dec. 07, 2024 | Radiation<br>(03CH11-HY) |
| Preamplifier             | Keysight        | 83017A                      | MY53270080             | 1GHz~26.5GHz                  | Mar. 25, 2024    | Aug. 06, 2024~<br>Aug. 15, 2024 | Mar. 24, 2025 | Radiation<br>(03CH11-HY) |
| Preamplifier             | Jet-Power       | JPA0118-55-303              | 1710001800055007       | 1GHz~18GHz                    | Jun. 13, 2024    | Aug. 06, 2024~<br>Aug. 15, 2024 | Jun. 12, 2025 | Radiation<br>(03CH11-HY) |
| Preamplifier             | EMEC            | EM18G40G                    | 060715                 | 18GHz~40GHz                   | Dec. 07, 2023    | Aug. 06, 2024~<br>Aug. 15, 2024 | Dec. 06, 2024 | Radiation<br>(03CH11-HY) |
| Spectrum Analyzer        | Keysight        | N9010A                      | MY54200486             | 10Hz~44GHz                    | Oct. 05, 2023    | Aug. 06, 2024~<br>Aug. 15, 2024 | Oct. 04, 2024 | Radiation<br>(03CH11-HY) |
| EMI Test Receiver        | Keysight        | N9038A(MXE)                 | MY54130085             | 20MHz~8.4GHz                  | Oct. 06, 2023    | Aug. 06, 2024~<br>Aug. 15, 2024 | Oct. 05, 2024 | Radiation<br>(03CH11-HY) |
| Controller               | EMEC            | EM 1000                     | N/A                    | Control Turn table & Ant Mast | N/A              | Aug. 06, 2024~<br>Aug. 15, 2024 | N/A           | Radiation<br>(03CH11-HY) |
| Antenna Mast             | EMEC            | AM-BS-4500-B                | N/A                    | 1~4m                          | N/A              | Aug. 06, 2024~<br>Aug. 15, 2024 | N/A           | Radiation<br>(03CH11-HY) |
| Turn Table               | EMEC            | TT 2000                     | N/A                    | 0~360 Degree                  | N/A              | Aug. 06, 2024~<br>Aug. 15, 2024 | N/A           | Radiation<br>(03CH11-HY) |
| Software                 | Audix           | E3<br>6.2009-8-24           | RK-001053              | N/A                           | N/A              | Aug. 06, 2024~<br>Aug. 15, 2024 | N/A           | Radiation<br>(03CH11-HY) |
| Hygrometer               | TECPEL          | DTM-303B                    | TP140325               | N/A                           | Dec. 08, 2023    | Aug. 06, 2024~<br>Aug. 15, 2024 | Dec. 07, 2024 | Radiation<br>(03CH11-HY) |
| RF Cable                 | HUBER + SUHNER  | SUCOFLEX 102                | 804013/2               | 30M~40G                       | May 23, 2024     | Aug. 06, 2024~<br>Aug. 15, 2024 | May 22, 2025  | Radiation<br>(03CH11-HY) |
| RF Cable                 | HUBER + SUHNER  | SUCOFLEX 102                | MY2859/2               | 30MHz~40GHz                   | Mar. 06, 2024    | Aug. 06, 2024~<br>Aug. 15, 2024 | Mar. 05, 2025 | Radiation<br>(03CH11-HY) |
| RF Cable                 | HUBER + SUHNER  | SUCOFLEX 102                | 803951/2               | 9K~30M                        | Mar. 06, 2024    | Aug. 06, 2024~<br>Aug. 15, 2024 | Mar. 05, 2025 | Radiation<br>(03CH11-HY) |
| RF Cable                 | HUBER + SUHNER  | SUCOFLEX 102                | 803951/2               | 30M~40G                       | Mar. 06, 2024    | Aug. 06, 2024~<br>Aug. 15, 2024 | Mar. 05, 2025 | Radiation<br>(03CH11-HY) |
| Filter                   | Wainwright      | WHKX12-2700-3000-18000-60SS | SN3                    | 3GHz High Pass Filter         | Sep. 11, 2023    | Aug. 06, 2024~<br>Aug. 15, 2024 | Sep. 10, 2024 | Radiation<br>(03CH11-HY) |
| Filter                   | Wainwright      | WLK4-1000-1530-8000-40SS    | SN11                   | 1.53GHz Low Pass Filter       | Sep. 11, 2023    | Aug. 06, 2024~<br>Aug. 15, 2024 | Sep. 10, 2024 | Radiation<br>(03CH11-HY) |
| Attenuator               | HONOVA          | 5910<br>SMA-50-005          | 0028                   | N/A                           | Jul. 09, 2024    | Aug. 06, 2024~<br>Aug. 15, 2024 | Jul. 08, 2025 | Radiation<br>(03CH11-HY) |
| Hygrometer               | TECPEL          | DTM-303A                    | TP201996               | N/A                           | Nov. 07, 2023    | Jul. 29, 2024~<br>Aug. 19, 2024 | Nov. 06, 2024 | Conducted<br>(TH05-HY)   |
| Power Sensor             | DARE            | RPR3006W                    | 15I00041SNO10 (NO:248) | 10MHz~6GHz                    | Jan. 10, 2024    | Jul. 29, 2024~<br>Aug. 19, 2024 | Jan. 09, 2025 | Conducted<br>(TH05-HY)   |
| Signal Analyzer          | Rohde & Schwarz | FSV40                       | 101566                 | 10Hz~40GHz                    | Aug. 23, 2023    | Jul. 29, 2024~<br>Aug. 19, 2024 | Aug. 22, 2024 | Conducted<br>(TH05-HY)   |
| Switch Control Mainframe | Burgeon         | ETF-058                     | EC1300484 (BOX3)       | N/A                           | May 20, 2024     | Jul. 29, 2024~<br>Aug. 19, 2024 | May 19, 2025  | Conducted<br>(TH05-HY)   |
| Software                 | Sporton         | BTWIFI_Final_version_240513 | N/A                    | Conducted Other Test Item     | N/A              | Jul. 29, 2024~<br>Aug. 19, 2024 | N/A           | Conducted<br>(TH05-HY)   |



| Instrument          | Brand Name      | Model No.     | Serial No.    | Characteristics | Calibration Date | Test Date     | Due Date      | Remark               |
|---------------------|-----------------|---------------|---------------|-----------------|------------------|---------------|---------------|----------------------|
| AC Power Source     | ACPOWER         | AFC-11003G    | F317040033    | N/A             | N/A              | Aug. 02, 2024 | N/A           | Conduction (CO07-HY) |
| Software            | Rohde & Schwarz | EMC32 V10.30  | N/A           | N/A             | N/A              | Aug. 02, 2024 | N/A           | Conduction (CO07-HY) |
| Pulse Limiter       | SCHWARZBECK     | VTSD 9561-F N | 9561-F N00373 | 9kHz~200MHz     | Oct. 20, 2023    | Aug. 02, 2024 | Oct. 19, 2024 | Conduction (CO07-HY) |
| RF Cable            | HUBER + SUHNER  | RG 214/U      | 1358175       | 9kHz~30MHz      | Mar. 14, 2024    | Aug. 02, 2024 | Mar. 13, 2025 | Conduction (CO07-HY) |
| Two-Line V-Network  | TESEQ           | NNB 51        | 45051         | N/A             | Mar. 10, 2024    | Aug. 02, 2024 | Mar. 09, 2025 | Conduction (CO07-HY) |
| Four-Line V-Network | TESEQ           | NNB 52        | 36122         | N/A             | Mar. 07, 2024    | Aug. 02, 2024 | Mar. 06, 2025 | Conduction (CO07-HY) |
| EMI Test Receiver   | Rohde & Schwarz | ESR3          | 102317        | 9kHz~3.6GHz     | Sep. 20, 2023    | Aug. 02, 2024 | Sep. 19, 2024 | Conduction (CO07-HY) |



## 5 Measurement Uncertainty

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

|                                                                            |         |
|----------------------------------------------------------------------------|---------|
| Measuring Uncertainty for a Level of Confidence<br>of 95% ( $U = 2Uc(y)$ ) | 3.44 dB |
|----------------------------------------------------------------------------|---------|

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

|                                                                            |         |
|----------------------------------------------------------------------------|---------|
| Measuring Uncertainty for a Level of Confidence<br>of 95% ( $U = 2Uc(y)$ ) | 6.10 dB |
|----------------------------------------------------------------------------|---------|

### Uncertainty of Radiated Emission Measurement (1000 MHz ~ 6000 MHz)

|                                                                            |         |
|----------------------------------------------------------------------------|---------|
| Measuring Uncertainty for a Level of Confidence<br>of 95% ( $U = 2Uc(y)$ ) | 4.30 dB |
|----------------------------------------------------------------------------|---------|

### Uncertainty of Radiated Emission Measurement (6000 MHz ~ 18000 MHz)

|                                                                            |         |
|----------------------------------------------------------------------------|---------|
| Measuring Uncertainty for a Level of Confidence<br>of 95% ( $U = 2Uc(y)$ ) | 4.30 dB |
|----------------------------------------------------------------------------|---------|

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

|                                                                            |         |
|----------------------------------------------------------------------------|---------|
| Measuring Uncertainty for a Level of Confidence<br>of 95% ( $U = 2Uc(y)$ ) | 5.30 dB |
|----------------------------------------------------------------------------|---------|

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

|                |                |                    |       |    |
|----------------|----------------|--------------------|-------|----|
| Test Engineer: | Hank Hsu       | Temperature:       | 21~25 | °C |
| Test Date:     | 2024/7/29~8/19 | Relative Humidity: | 51~54 | %  |

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

| 2.4GHz Band Single Antenna |           |     |     |             |                       |      |              |      |                    |           |
|----------------------------|-----------|-----|-----|-------------|-----------------------|------|--------------|------|--------------------|-----------|
| Mod.                       | Data Rate | NTX | CH. | Freq. (MHz) | 99% Occupied BW (MHz) |      | 6dB BW (MHz) |      | 6dB BW Limit (MHz) | Pass/Fail |
|                            |           |     |     |             | Ant1                  | Ant2 | Ant1         | Ant2 |                    |           |
| 11b                        | 1Mbps     | 1   | 1   | 2412        | 12.85                 | -    | 8.06         | -    | 0.50               | Pass      |
| 11b                        | 1Mbps     | 1   | 6   | 2437        | 12.96                 | -    | 8.04         | -    | 0.50               | Pass      |
| 11b                        | 1Mbps     | 1   | 11  | 2462        | 12.90                 | -    | 8.51         | -    | 0.50               | Pass      |
| 11g                        | 6Mbps     | 1   | 1   | 2412        | 16.73                 | -    | 15.66        | -    | 0.50               | Pass      |
| 11g                        | 6Mbps     | 1   | 6   | 2437        | 16.80                 | -    | 15.67        | -    | 0.50               | Pass      |
| 11g                        | 6Mbps     | 1   | 11  | 2462        | 16.74                 | -    | 15.46        | -    | 0.50               | Pass      |
| HT20                       | MCS0      | 1   | 1   | 2412        | 17.75                 | -    | 16.29        | -    | 0.50               | Pass      |
| HT20                       | MCS0      | 1   | 6   | 2437        | 17.78                 | -    | 16.32        | -    | 0.50               | Pass      |
| HT20                       | MCS0      | 1   | 11  | 2462        | 17.78                 | -    | 16.31        | -    | 0.50               | Pass      |
| HT40                       | MCS0      | 1   | 3   | 2422        | 35.71                 | -    | 27.53        | -    | 0.50               | Pass      |
| HT40                       | MCS0      | 1   | 6   | 2437        | 36.59                 | -    | 35.25        | -    | 0.50               | Pass      |
| HT40                       | MCS0      | 1   | 9   | 2452        | 36.98                 | -    | 35.47        | -    | 0.50               | Pass      |

**TEST RESULTS DATA**  
**Average Output Power**

| 2.4GHz Band Single Antenna |           |     |     |             |                               |      |     |                             |      |          |      |                  |      |                        |      |            |
|----------------------------|-----------|-----|-----|-------------|-------------------------------|------|-----|-----------------------------|------|----------|------|------------------|------|------------------------|------|------------|
| Mod.                       | Data Rate | NTX | CH. | Freq. (MHz) | Average Conducted Power (dBm) |      |     | Conducted Power Limit (dBm) |      | DG (dBi) |      | EIRP Power (dBm) |      | EIRP Power Limit (dBm) |      | Pass /Fail |
|                            |           |     |     |             | Ant1                          | Ant2 | SUM | Ant1                        | Ant2 | Ant1     | Ant2 | Ant1             | Ant2 | Ant1                   | Ant2 |            |
| 11b                        | 1Mbps     | 1   | 1   | 2412        | 11.60                         | -    |     | 30.00                       | -    | 0.28     | -    | 11.88            | -    | 36.00                  | -    | Pass       |
| 11b                        | 1Mbps     | 1   | 6   | 2437        | 11.40                         | -    |     | 30.00                       | -    | 0.28     | -    | 11.68            | -    | 36.00                  | -    | Pass       |
| 11b                        | 1Mbps     | 1   | 11  | 2462        | 11.30                         | -    |     | 30.00                       | -    | 0.28     | -    | 11.58            | -    | 36.00                  | -    | Pass       |
| 11g                        | 6Mbps     | 1   | 1   | 2412        | 11.20                         | -    |     | 30.00                       | -    | 0.28     | -    | 11.48            | -    | 36.00                  | -    | Pass       |
| 11g                        | 6Mbps     | 1   | 6   | 2437        | 11.40                         | -    |     | 30.00                       | -    | 0.28     | -    | 11.68            | -    | 36.00                  | -    | Pass       |
| 11g                        | 6Mbps     | 1   | 11  | 2462        | 11.30                         | -    |     | 30.00                       | -    | 0.28     | -    | 11.58            | -    | 36.00                  | -    | Pass       |
| HT20                       | MCS0      | 1   | 1   | 2412        | 11.10                         | -    |     | 30.00                       | -    | 0.28     | -    | 11.38            | -    | 36.00                  | -    | Pass       |
| HT20                       | MCS0      | 1   | 6   | 2437        | 11.20                         | -    |     | 30.00                       | -    | 0.28     | -    | 11.48            | -    | 36.00                  | -    | Pass       |
| HT20                       | MCS0      | 1   | 11  | 2462        | 11.20                         | -    |     | 30.00                       | -    | 0.28     | -    | 11.48            | -    | 36.00                  | -    | Pass       |
| HT40                       | MCS0      | 1   | 3   | 2422        | 11.50                         | -    |     | 30.00                       | -    | 0.28     | -    | 11.78            | -    | 36.00                  | -    | Pass       |
| HT40                       | MCS0      | 1   | 6   | 2437        | 11.50                         | -    |     | 30.00                       | -    | 0.28     | -    | 11.78            | -    | 36.00                  | -    | Pass       |
| HT40                       | MCS0      | 1   | 9   | 2452        | 11.40                         | -    |     | 30.00                       | -    | 0.28     | -    | 11.68            | -    | 36.00                  | -    | Pass       |
| VHT20                      | MCS0      | 1   | 1   | 2412        | 11.00                         | -    |     | 30.00                       | -    | 0.28     | -    | 11.28            | -    | 36.00                  | -    | Pass       |
| VHT20                      | MCS0      | 1   | 6   | 2437        | 11.10                         | -    |     | 30.00                       | -    | 0.28     | -    | 11.38            | -    | 36.00                  | -    | Pass       |
| VHT20                      | MCS0      | 1   | 11  | 2462        | 11.10                         | -    |     | 30.00                       | -    | 0.28     | -    | 11.38            | -    | 36.00                  | -    | Pass       |
| VHT40                      | MCS0      | 1   | 3   | 2422        | 11.40                         | -    |     | 30.00                       | -    | 0.28     | -    | 11.68            | -    | 36.00                  | -    | Pass       |
| VHT40                      | MCS0      | 1   | 6   | 2437        | 11.40                         | -    |     | 30.00                       | -    | 0.28     | -    | 11.68            | -    | 36.00                  | -    | Pass       |
| VHT40                      | MCS0      | 1   | 9   | 2452        | 11.30                         | -    |     | 30.00                       | -    | 0.28     | -    | 11.58            | -    | 36.00                  | -    | Pass       |

Note: Measured power (dBm) has offset with cable loss.

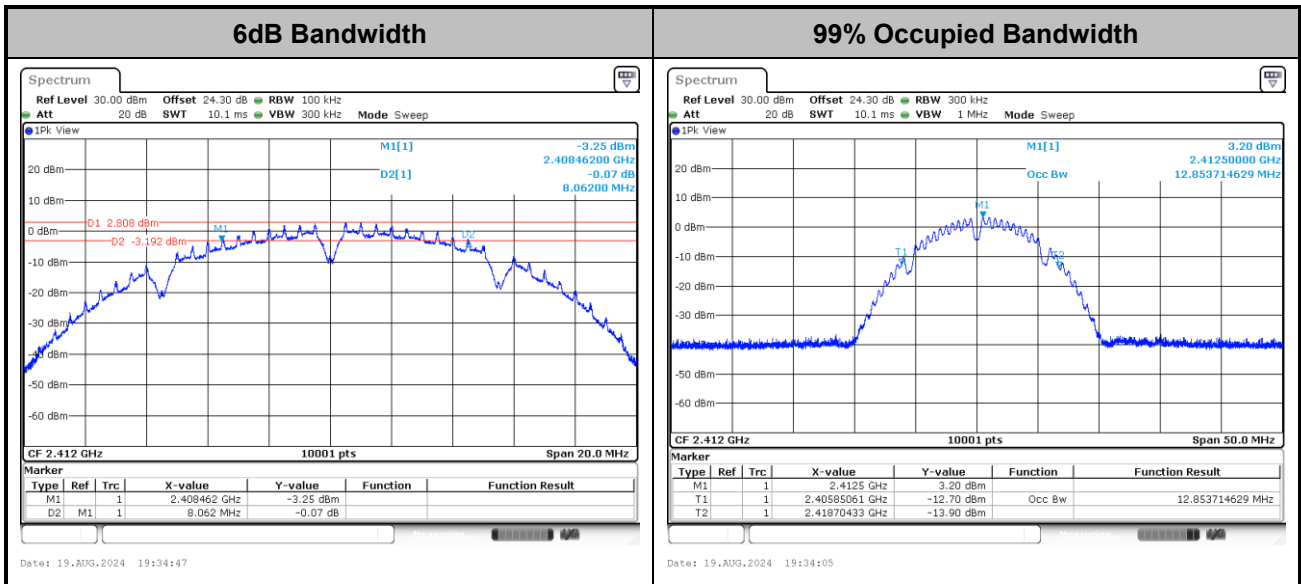
**TEST RESULTS DATA**  
**Peak Power Spectral Density**

| 2.4GHz Band Single Antenna |           |     |     |             |                     |      |              |          |      |                           |      |           |
|----------------------------|-----------|-----|-----|-------------|---------------------|------|--------------|----------|------|---------------------------|------|-----------|
| Mod.                       | Data Rate | NTX | CH. | Freq. (MHz) | Peak PSD (dBm/3kHz) |      |              | DG (dBi) |      | Peak PSD Limit (dBm/3kHz) |      | Pass/Fail |
|                            |           |     |     |             | Ant1                | Ant2 | Worse + 3.01 | Ant1     | Ant2 | Ant1                      | Ant2 |           |
| 11b                        | 1Mbps     | 1   | 1   | 2412        | -10.70              | -    |              | 0.28     | -    | 8.00                      | -    | Pass      |
| 11b                        | 1Mbps     | 1   | 6   | 2437        | -11.08              | -    |              | 0.28     | -    | 8.00                      | -    | Pass      |
| 11b                        | 1Mbps     | 1   | 11  | 2462        | -10.51              | -    |              | 0.28     | -    | 8.00                      | -    | Pass      |
| 11g                        | 6Mbps     | 1   | 1   | 2412        | -13.15              | -    |              | 0.28     | -    | 8.00                      | -    | Pass      |
| 11g                        | 6Mbps     | 1   | 6   | 2437        | -13.24              | -    |              | 0.28     | -    | 8.00                      | -    | Pass      |
| 11g                        | 6Mbps     | 1   | 11  | 2462        | -13.26              | -    |              | 0.28     | -    | 8.00                      | -    | Pass      |
| HT20                       | MCS0      | 1   | 1   | 2412        | -13.26              | -    |              | 0.28     | -    | 8.00                      | -    | Pass      |
| HT20                       | MCS0      | 1   | 6   | 2437        | -13.69              | -    |              | 0.28     | -    | 8.00                      | -    | Pass      |
| HT20                       | MCS0      | 1   | 11  | 2462        | -13.64              | -    |              | 0.28     | -    | 8.00                      | -    | Pass      |
| HT40                       | MCS0      | 1   | 3   | 2422        | -14.78              | -    |              | 0.28     | -    | 8.00                      | -    | Pass      |
| HT40                       | MCS0      | 1   | 6   | 2437        | -16.38              | -    |              | 0.28     | -    | 8.00                      | -    | Pass      |
| HT40                       | MCS0      | 1   | 9   | 2452        | -16.71              | -    |              | 0.28     | -    | 8.00                      | -    | Pass      |

Measured power density (dBm) has offset with cable loss.

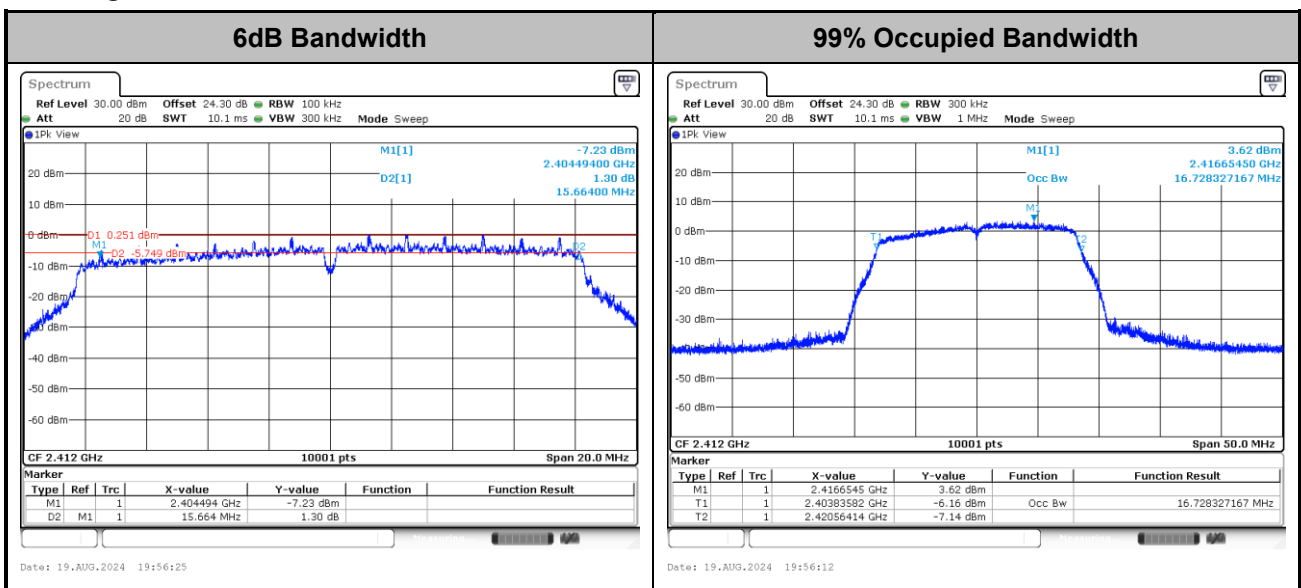
**6dB and 99% Occupied Bandwidth**

&lt;802.11b&gt;



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

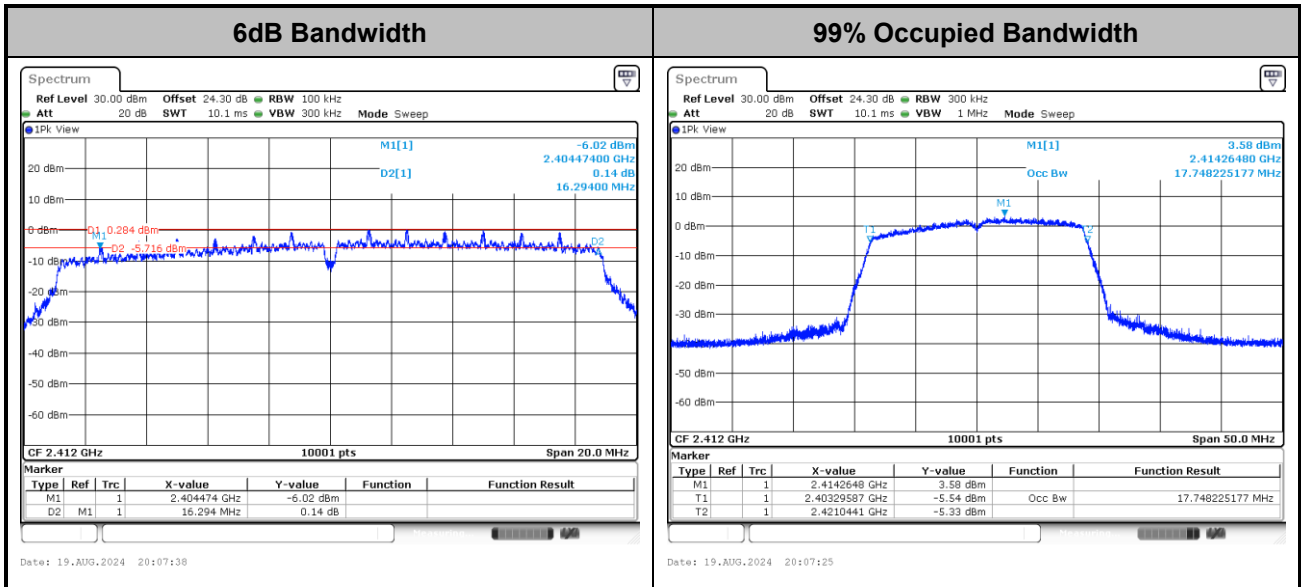
&lt;802.11g&gt;



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

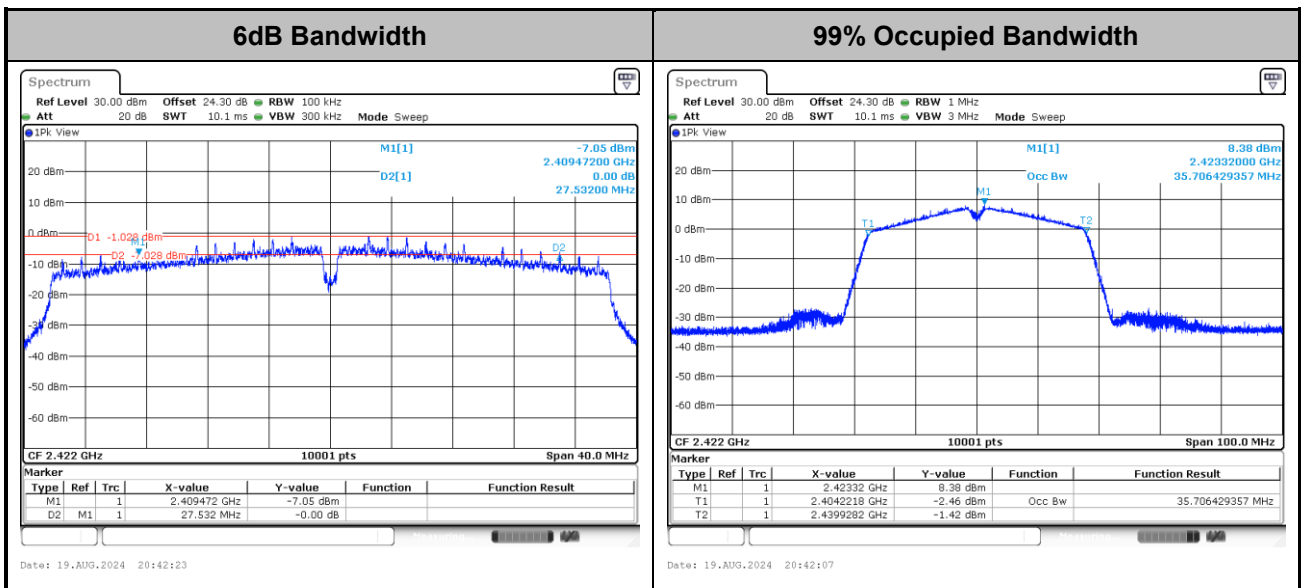


## &lt;802.11n HT20&gt;



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

## &lt;802.11n HT40&gt;

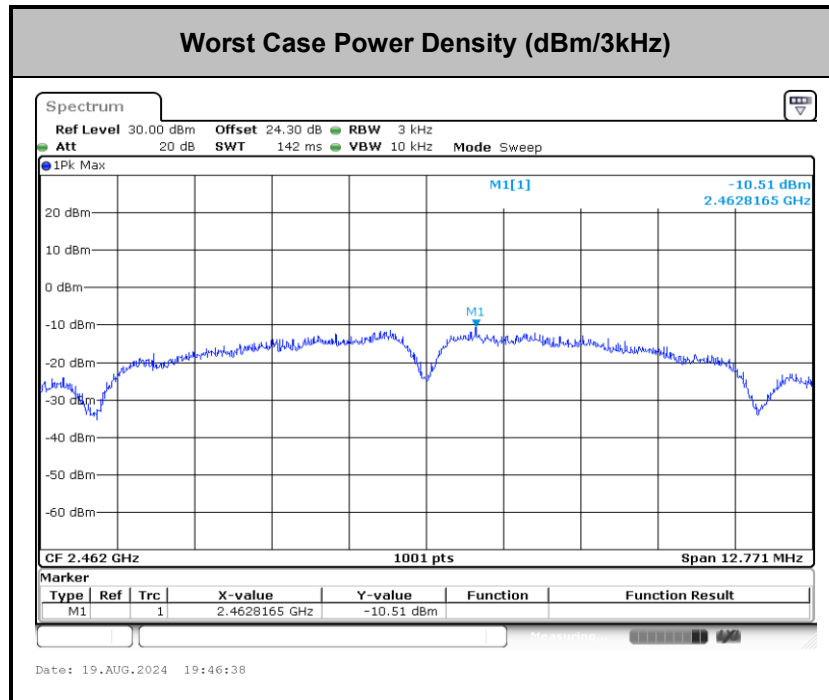


Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.



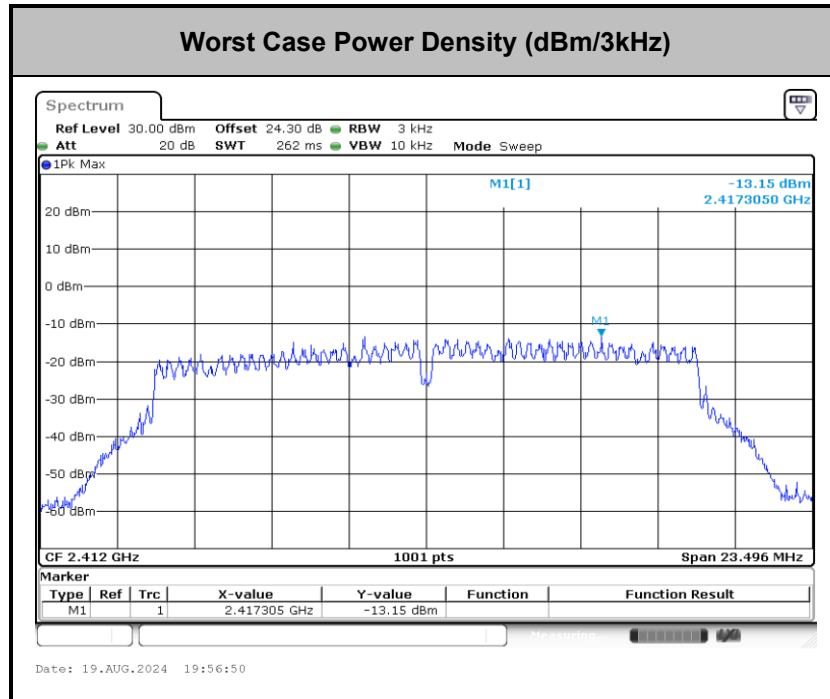
Power Spectral Density(dBm/3kHz)

<802.11b>



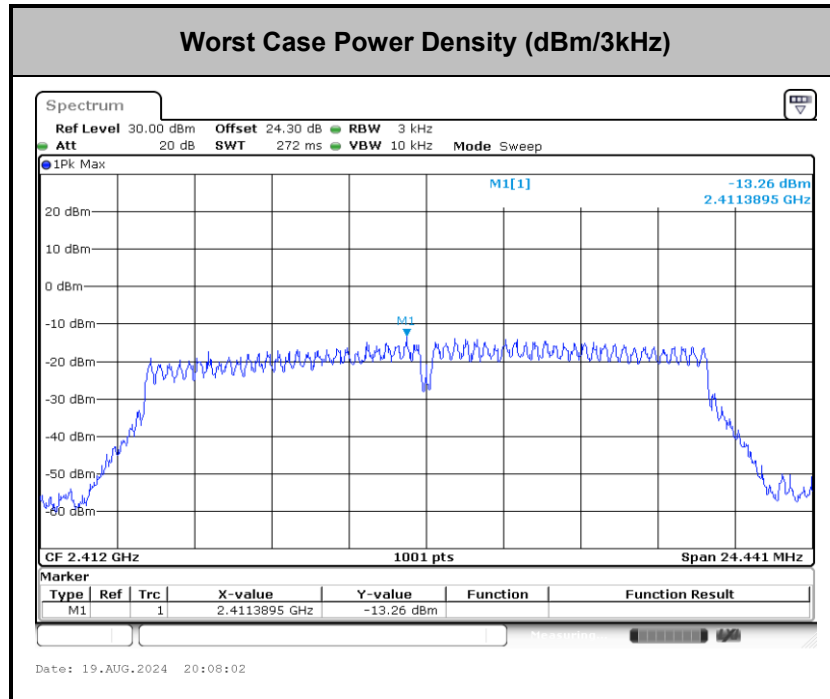


<802.11g>



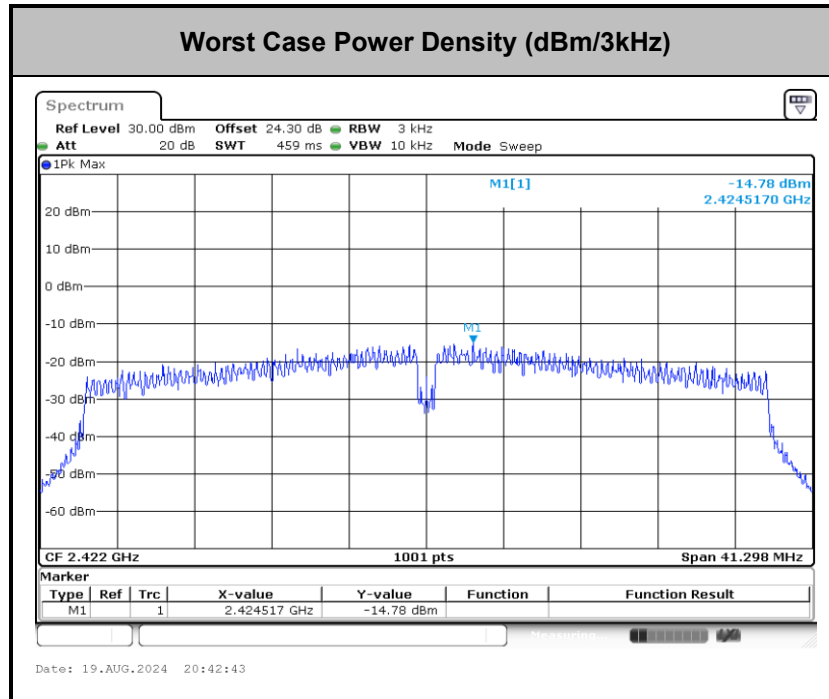


<802.11n HT20>





<802.11n HT40>

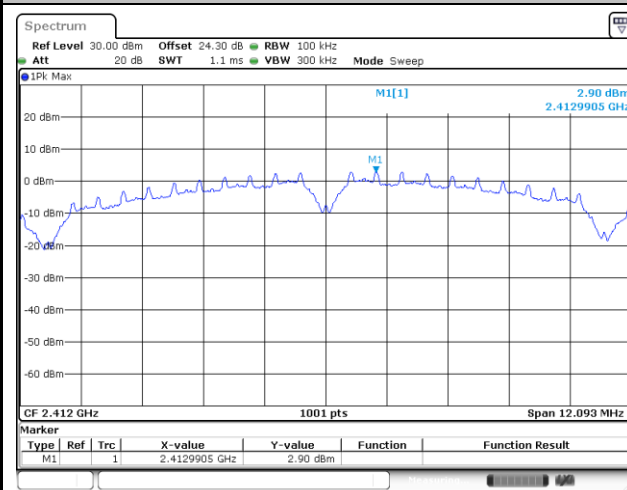
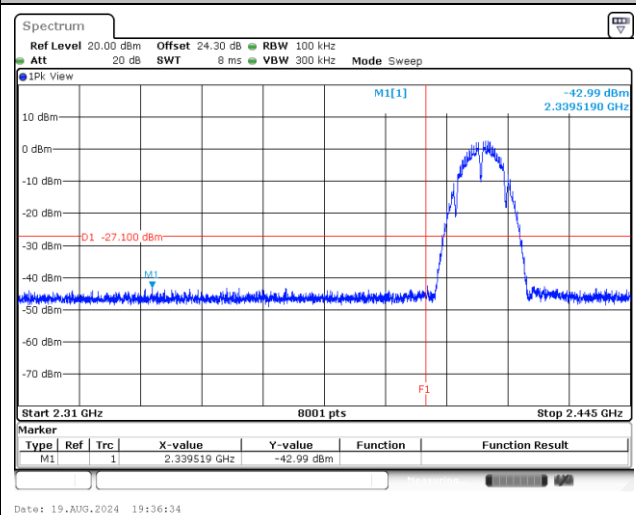
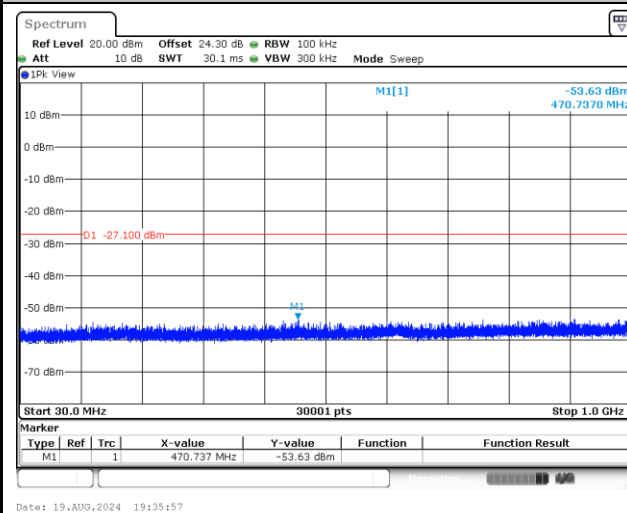
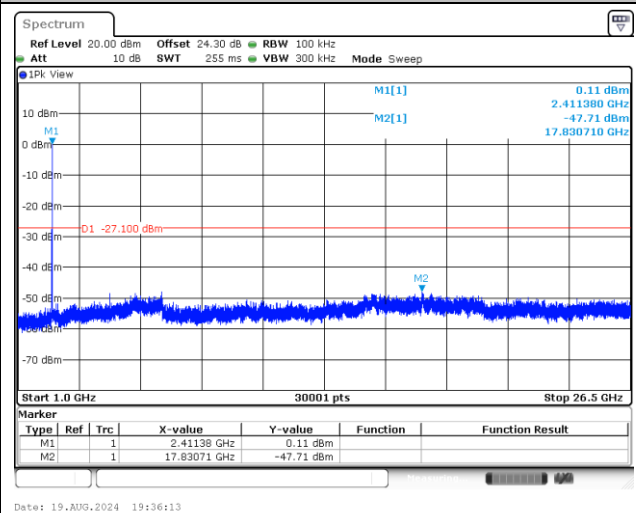


**Band Edges and Spurious Emission**

Number of TX = 1, Ant. 1 (Measured)

Test Mode : 802.11b

Test Channel : 01

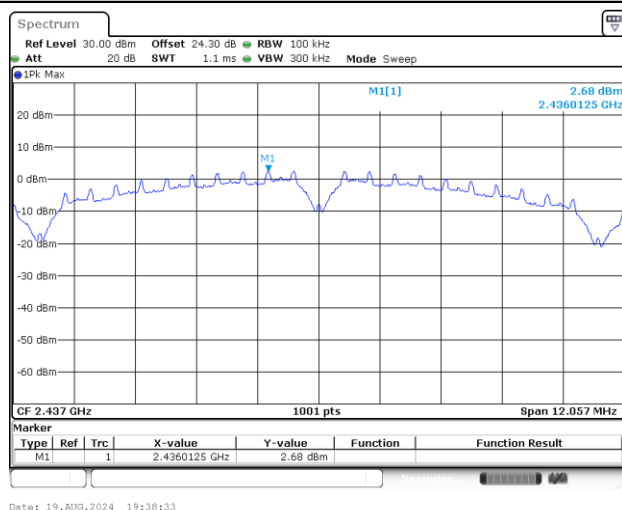
**100kHz PSD reference Level****Low Channel Plot****Spurious Emission 30MHz~1GHz****Spurious Emission 1GHz~26.5GHz**



Test Mode : 802.11b

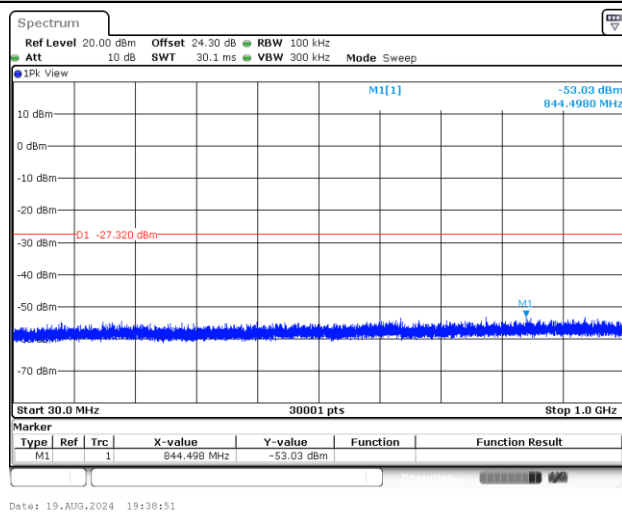
Test Channel : 06

## 100kHz PSD reference Level

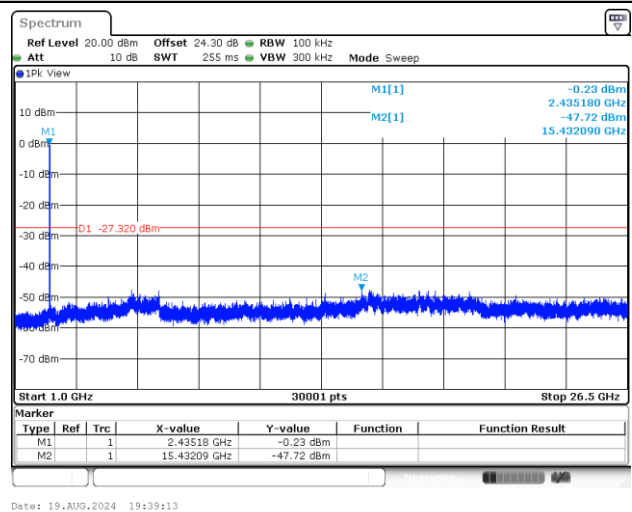


## Middle Channel Plot

## Spurious Emission 30MHz~1GHz



## Spurious Emission 1GHz~26.5GHz

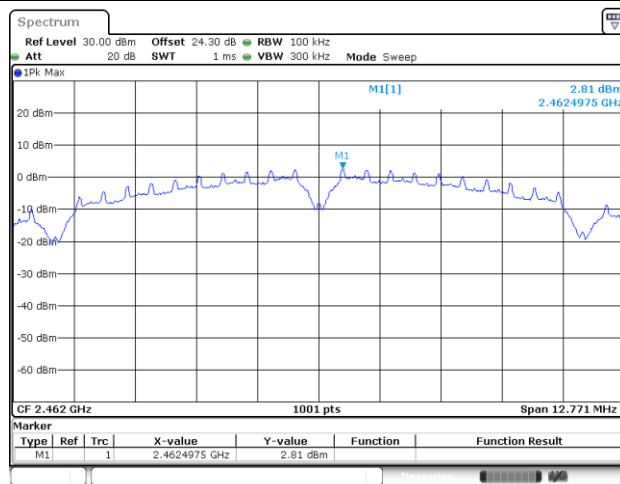




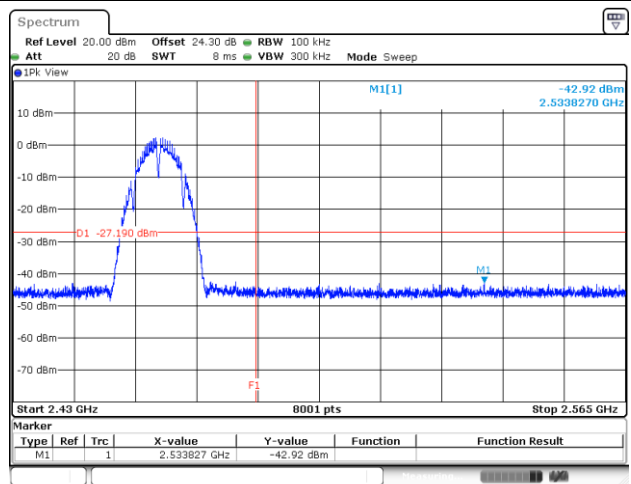
Test Mode : 802.11b

Test Channel : 11

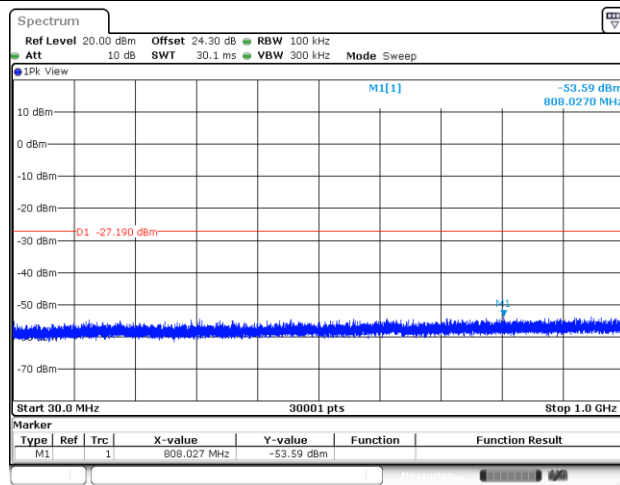
## 100kHz PSD reference Level



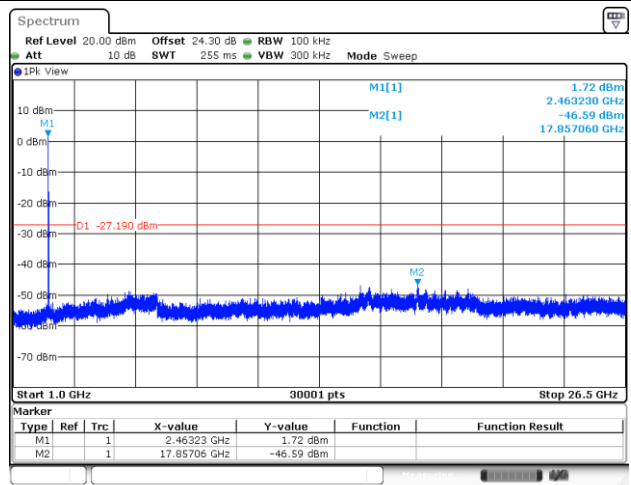
## High Channel Plot



## Spurious Emission 30MHz~1GHz



## Spurious Emission 1GHz~26.5GHz

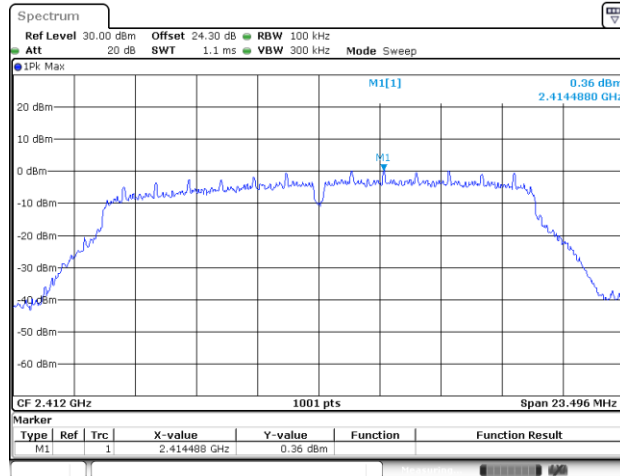




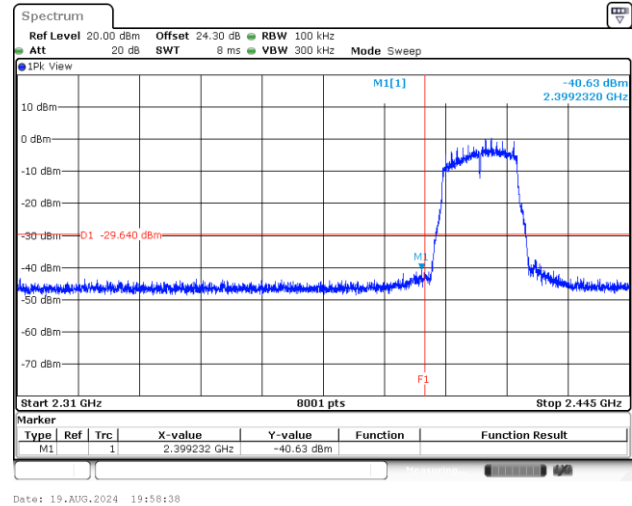
Test Mode : 802.11g

Test Channel : 01

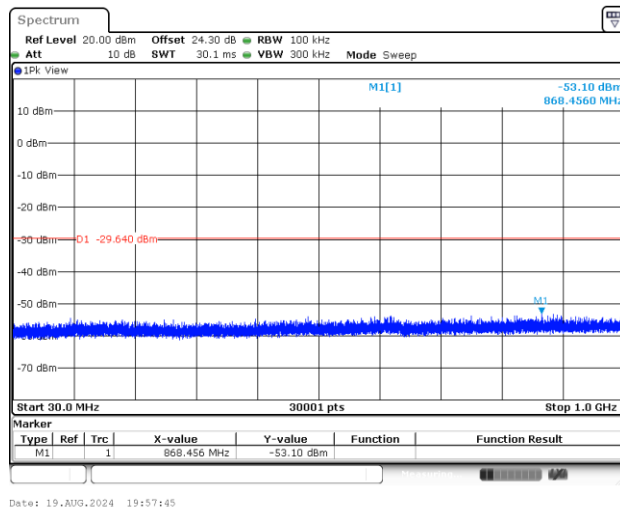
## 100kHz PSD reference Level



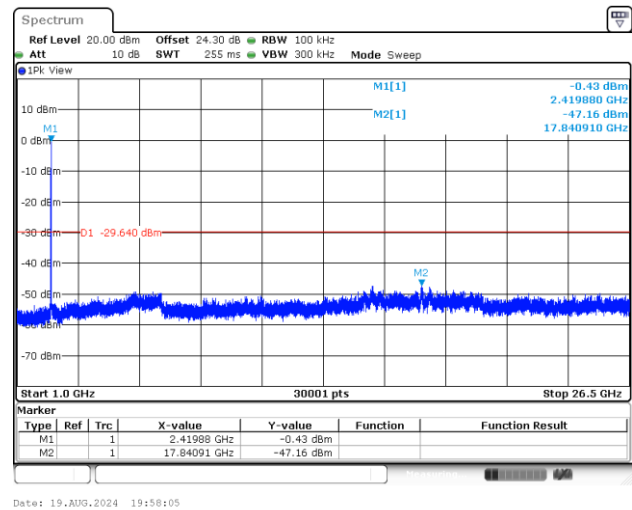
## Low Channel Plot



## Spurious Emission 30MHz~1GHz



## Spurious Emission 1GHz~26.5GHz

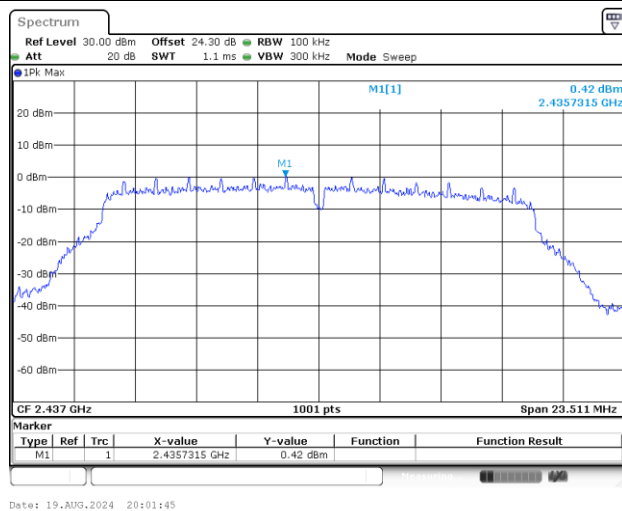




Test Mode : 802.11g

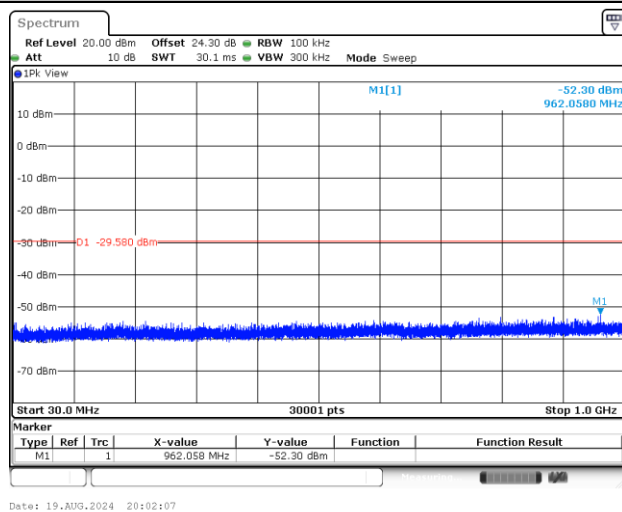
Test Channel : 06

## 100kHz PSD reference Level

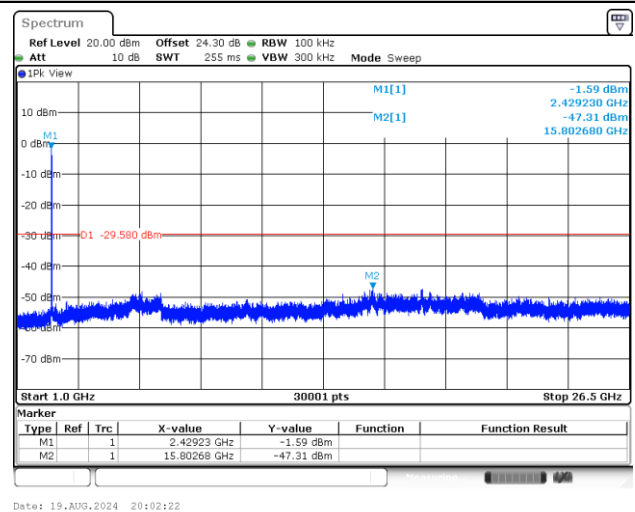


## Middle Channel Plot

## Spurious Emission 30MHz~1GHz



## Spurious Emission 1GHz~26.5GHz

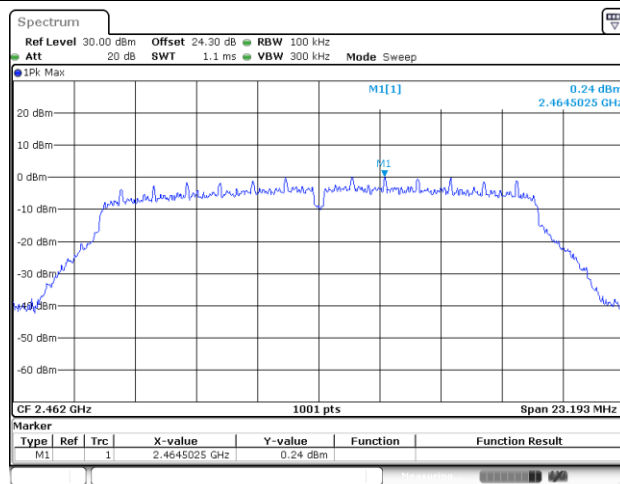




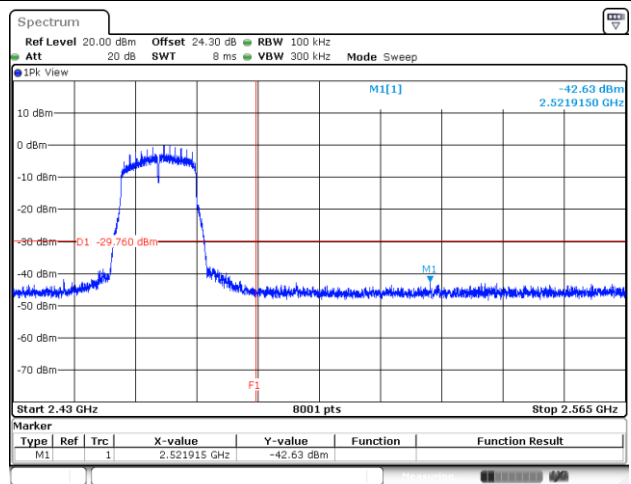
Test Mode : 802.11g

Test Channel : 11

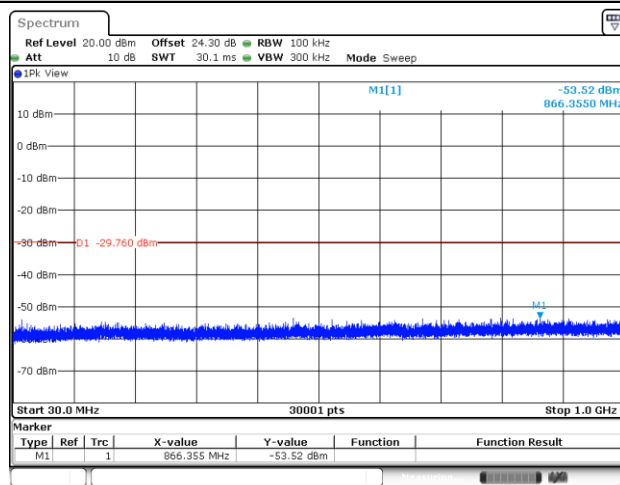
## 100kHz PSD reference Level



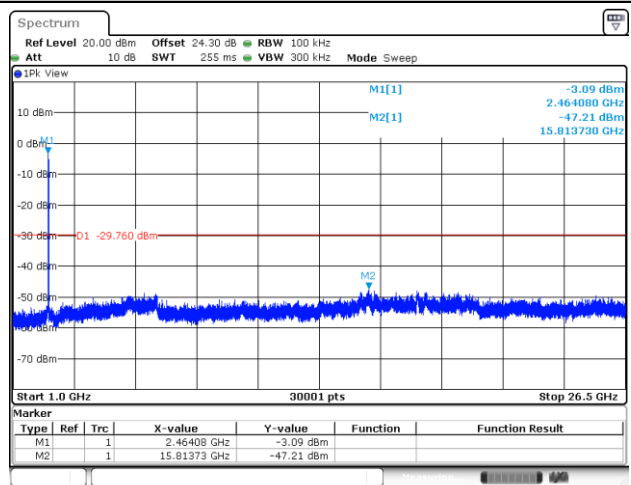
## High Channel Plot



## Spurious Emission 30MHz~1GHz



## Spurious Emission 1GHz~26.5GHz

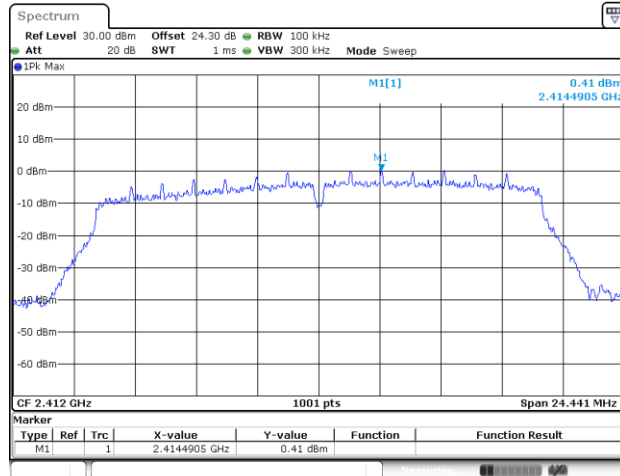




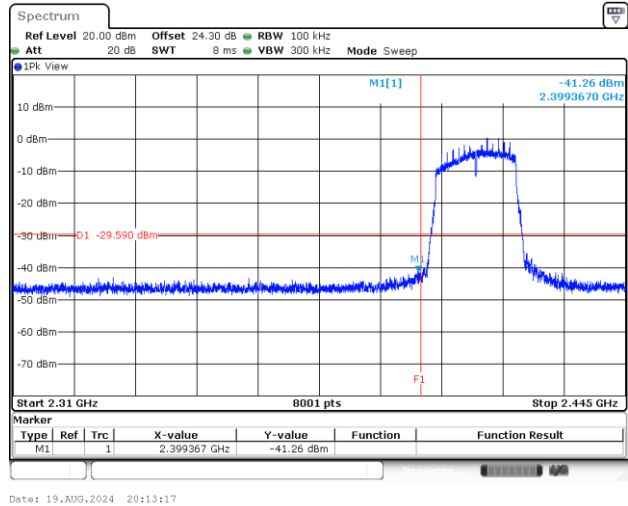
Test Mode : 802.11n HT20

Test Channel : 01

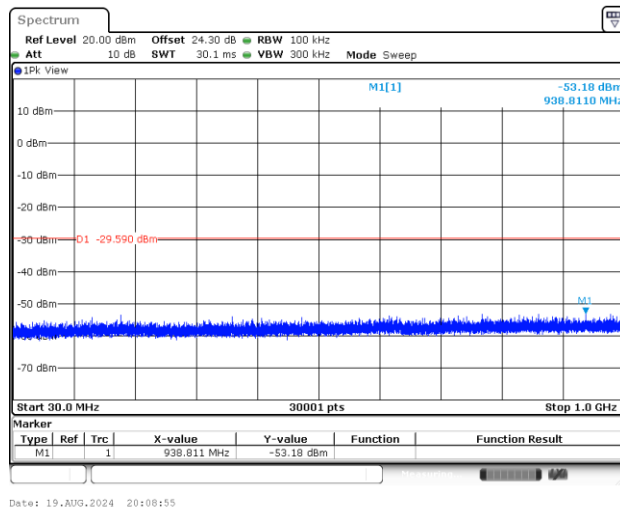
## 100kHz PSD reference Level



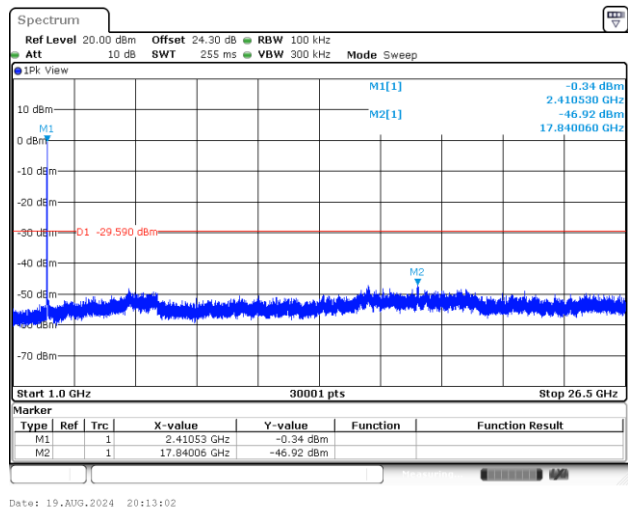
## Low Channel Plot



## Spurious Emission 30MHz~1GHz



## Spurious Emission 1GHz~26.5GHz

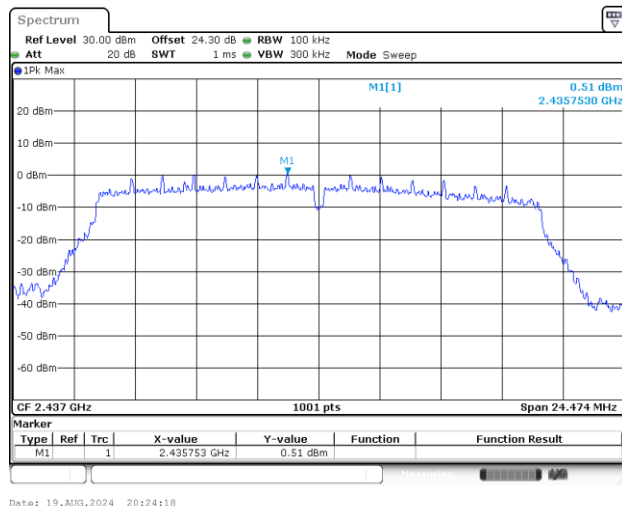




Test Mode : 802.11n HT20

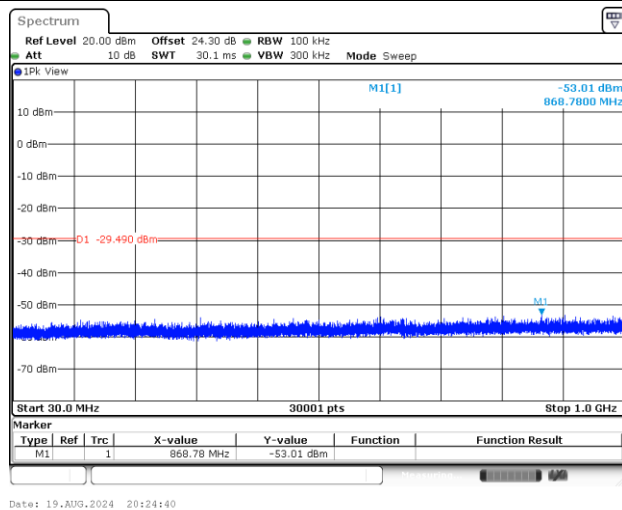
Test Channel : 06

## 100kHz PSD reference Level

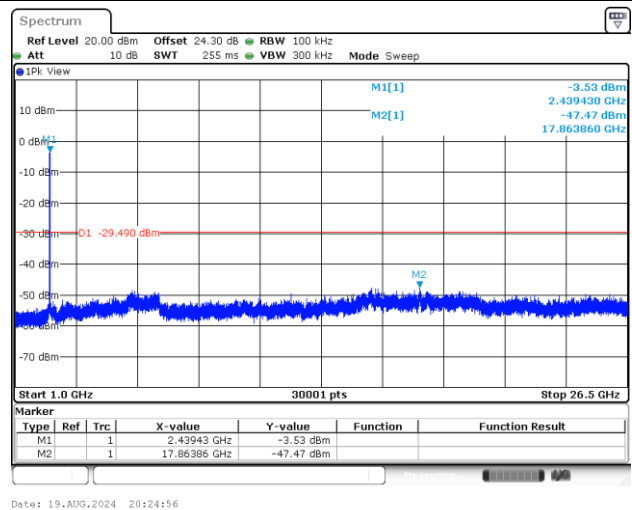


## Middle Channel Plot

## Spurious Emission 30MHz~1GHz



## Spurious Emission 1GHz~26.5GHz

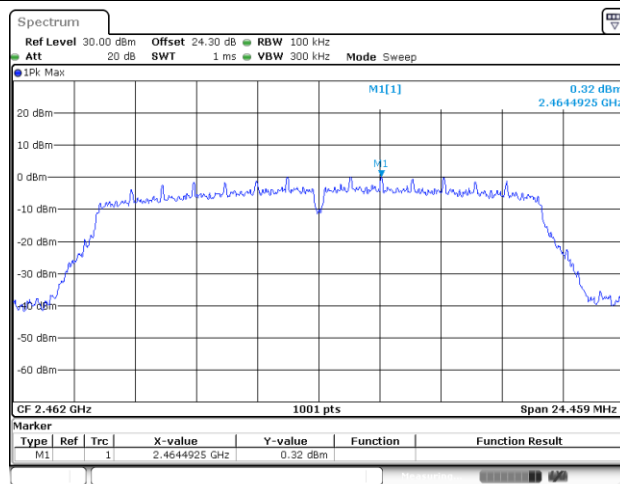




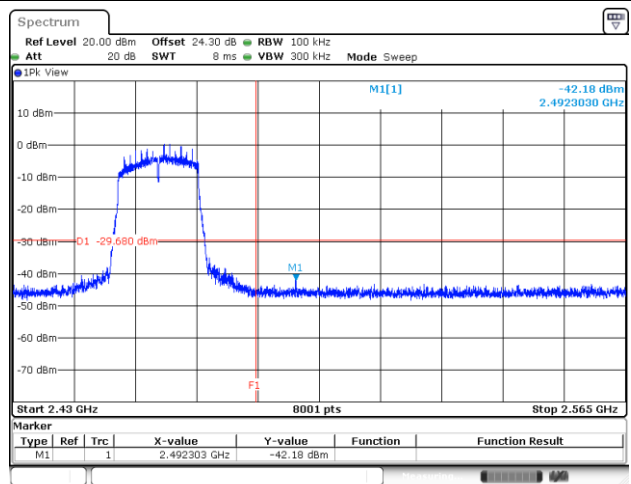
Test Mode : 802.11n HT20

Test Channel : 11

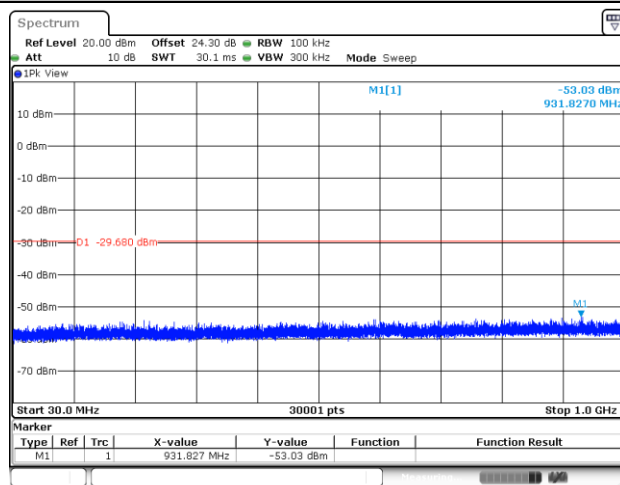
## 100kHz PSD reference Level



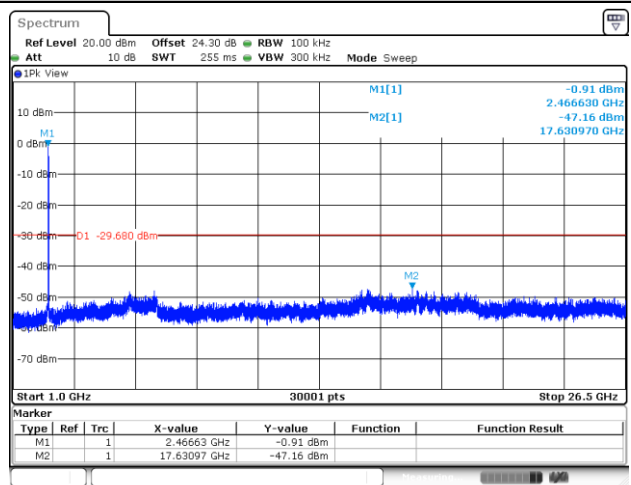
## High Channel Plot



## Spurious Emission 30MHz~1GHz



## Spurious Emission 1GHz~26.5GHz

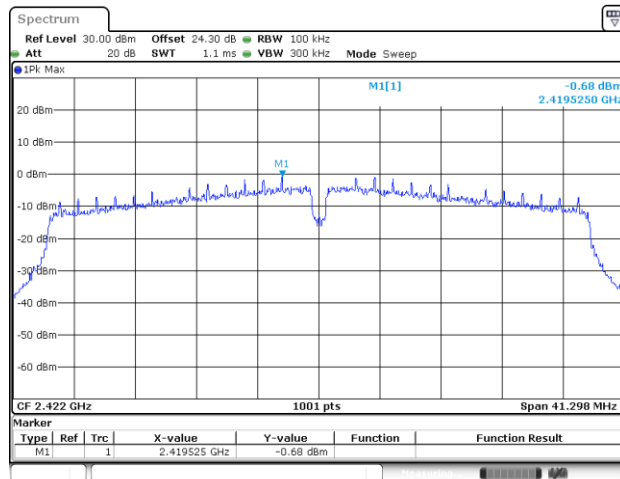




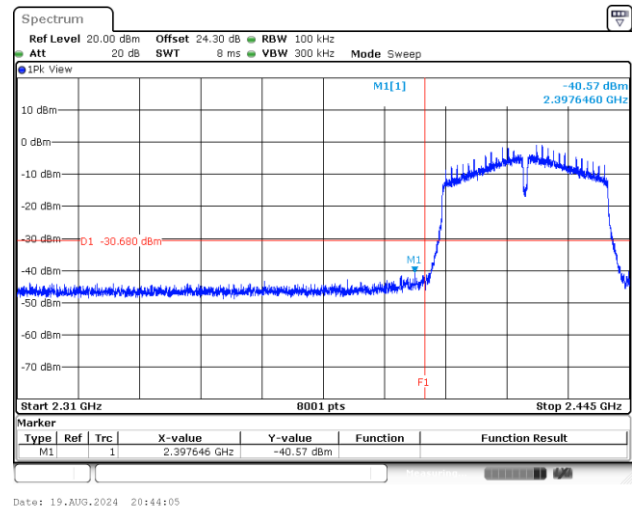
Test Mode : 802.11n HT40

Test Channel : 03

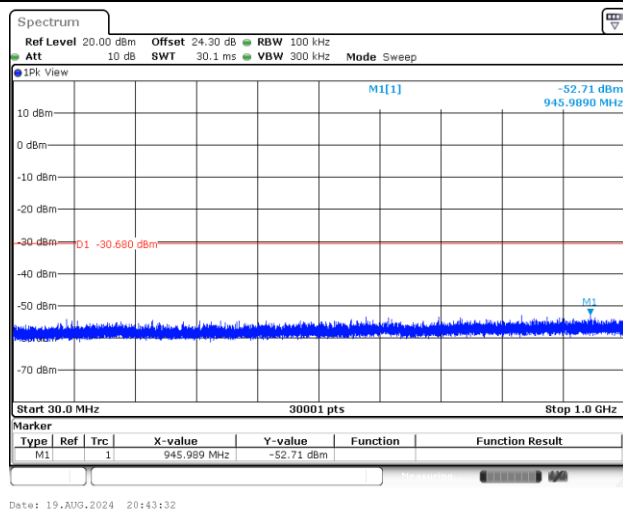
## 100kHz PSD reference Level



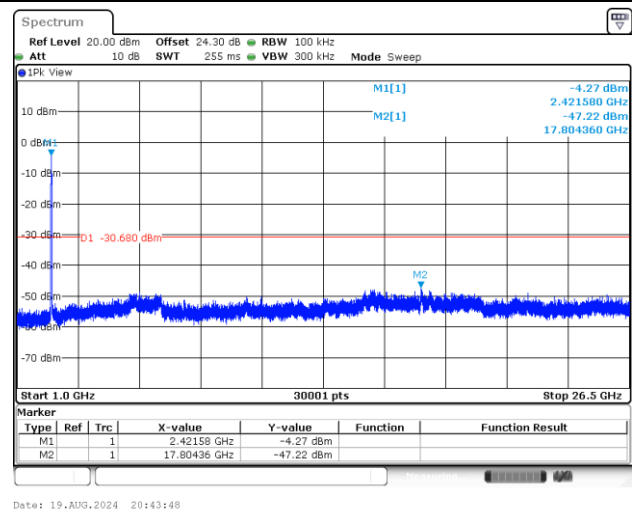
## Low Channel Plot



## Spurious Emission 30MHz~1GHz



## Spurious Emission 1GHz~26.5GHz

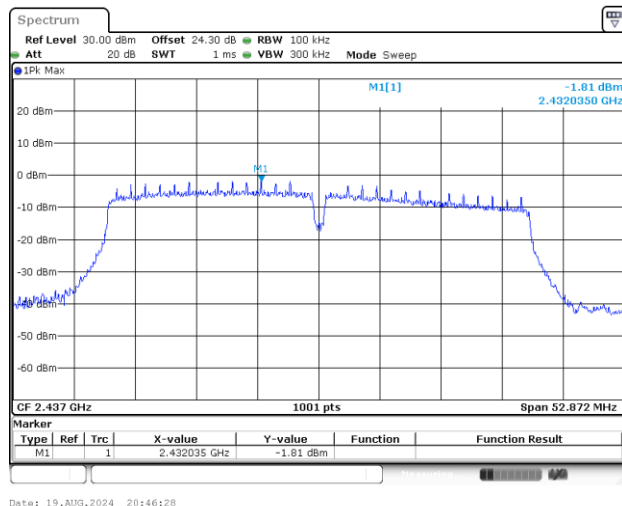




Test Mode : 802.11n HT40

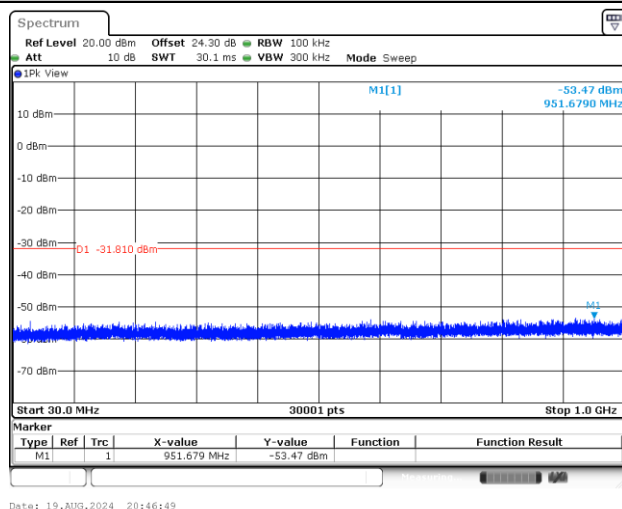
Test Channel : 06

## 100kHz PSD reference Level

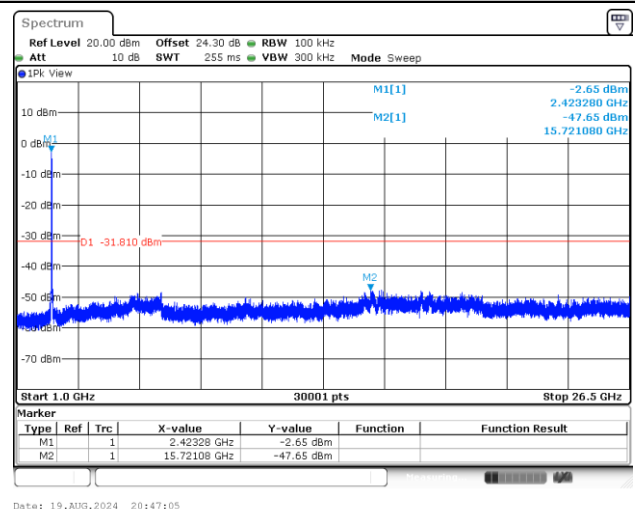


## Middle Channel Plot

## Spurious Emission 30MHz~1GHz



## Spurious Emission 1GHz~26.5GHz

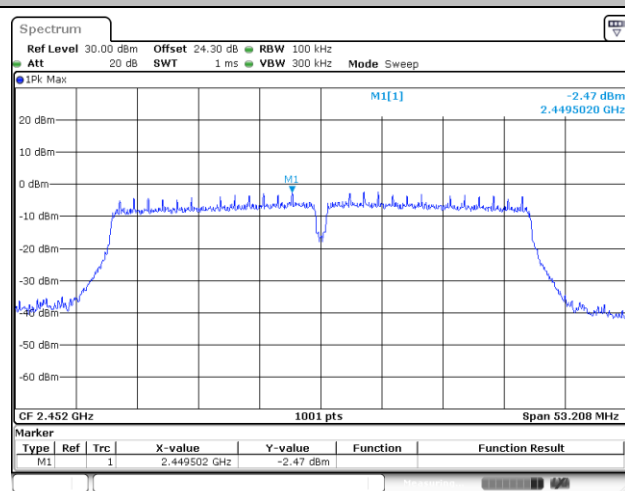




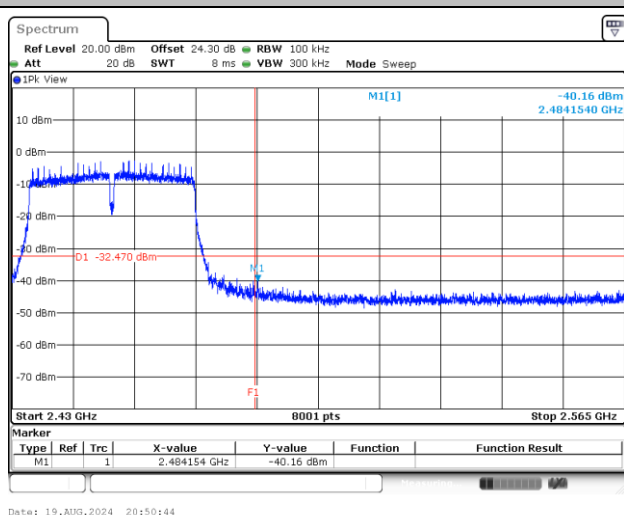
Test Mode : 802.11n HT40

Test Channel : 09

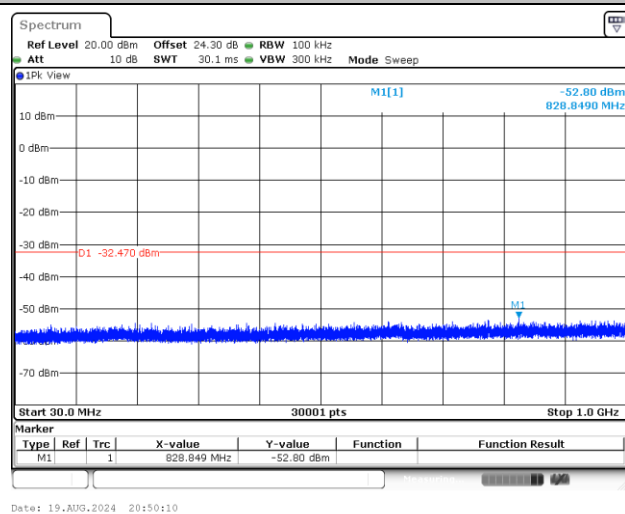
## 100kHz PSD reference Level



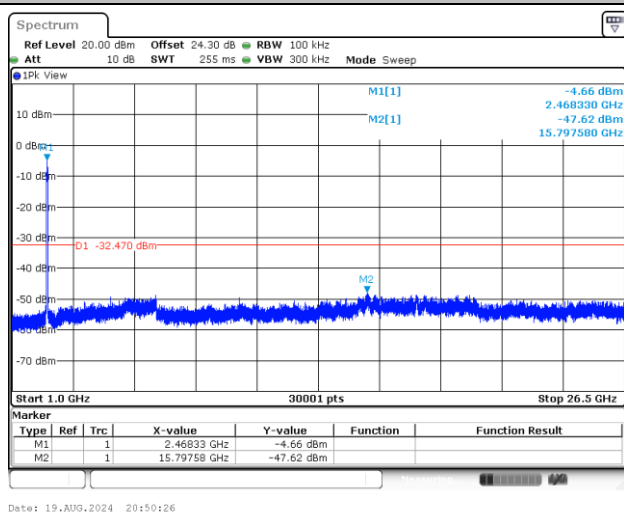
## High Channel Plot



## Spurious Emission 30MHz~1GHz



## Spurious Emission 1GHz~26.5GHz





## **Appendix B. AC Conducted Emission Test Results**

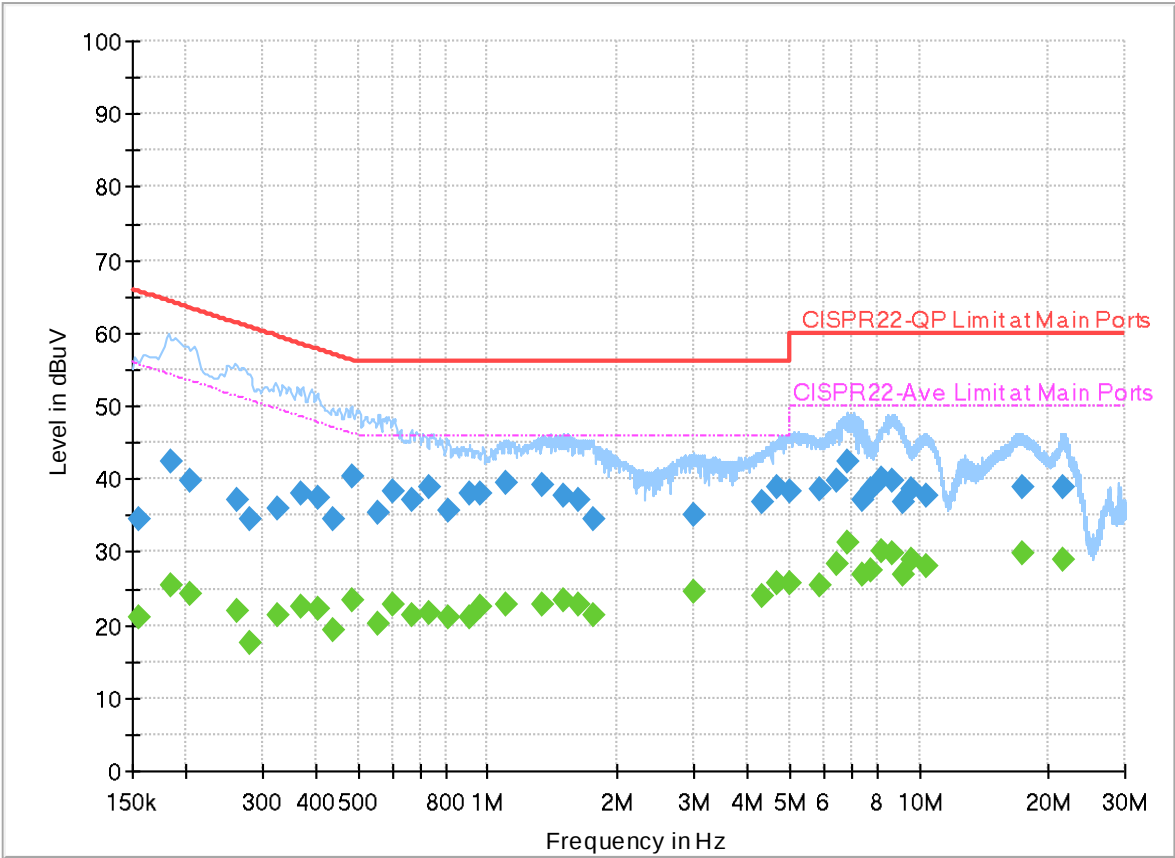
|                        |             |                            |             |
|------------------------|-------------|----------------------------|-------------|
| <b>Test Engineer :</b> | Louis Chung | <b>Temperature :</b>       | 22.8~26.1°C |
|                        |             | <b>Relative Humidity :</b> | 45.2~52.3%  |

EUT Information

Report NO :  
Test Mode :  
Test Voltage :  
Phase :

471715  
Mode 1  
120Vac/60Hz  
Line

Full Spectrum



Final\_Result

| Frequency (MHz) | QuasiPeak (dBuV) | CAverage (dBuV) | Limit (dBuV) | Margin (dB) | Line | Filter | Corr. (dB) |
|-----------------|------------------|-----------------|--------------|-------------|------|--------|------------|
| 0.154500        | ---              | 21.16           | 55.75        | 34.59       | L1   | OFF    | 19.9       |
| 0.154500        | 34.37            | ---             | 65.75        | 31.38       | L1   | OFF    | 19.9       |
| 0.184110        | ---              | 25.31           | 54.30        | 28.99       | L1   | OFF    | 19.9       |
| 0.184110        | 42.34            | ---             | 64.30        | 21.96       | L1   | OFF    | 19.9       |
| 0.204000        | ---              | 24.23           | 53.45        | 29.22       | L1   | OFF    | 19.9       |
| 0.204000        | 39.74            | ---             | 63.45        | 23.71       | L1   | OFF    | 19.9       |
| 0.262410        | ---              | 22.02           | 51.36        | 29.34       | L1   | OFF    | 19.9       |
| 0.262410        | 37.06            | ---             | 61.36        | 24.30       | L1   | OFF    | 19.9       |
| 0.280320        | ---              | 17.67           | 50.81        | 33.14       | L1   | OFF    | 19.9       |
| 0.280320        | 34.38            | ---             | 60.81        | 26.43       | L1   | OFF    | 19.9       |
| 0.324600        | ---              | 21.37           | 49.59        | 28.22       | L1   | OFF    | 19.9       |
| 0.324600        | 36.01            | ---             | 59.59        | 23.58       | L1   | OFF    | 19.9       |
| 0.370590        | ---              | 22.40           | 48.49        | 26.09       | L1   | OFF    | 19.9       |
| 0.370590        | 38.04            | ---             | 58.49        | 20.45       | L1   | OFF    | 19.9       |
| 0.403710        | ---              | 22.22           | 47.78        | 25.56       | L1   | OFF    | 19.9       |
| 0.403710        | 37.57            | ---             | 57.78        | 20.21       | L1   | OFF    | 19.9       |
| 0.436200        | ---              | 19.41           | 47.13        | 27.72       | L1   | OFF    | 19.9       |
| 0.436200        | 34.60            | ---             | 57.13        | 22.53       | L1   | OFF    | 19.9       |
| 0.486690        | ---              | 23.41           | 46.22        | 22.81       | L1   | OFF    | 19.9       |

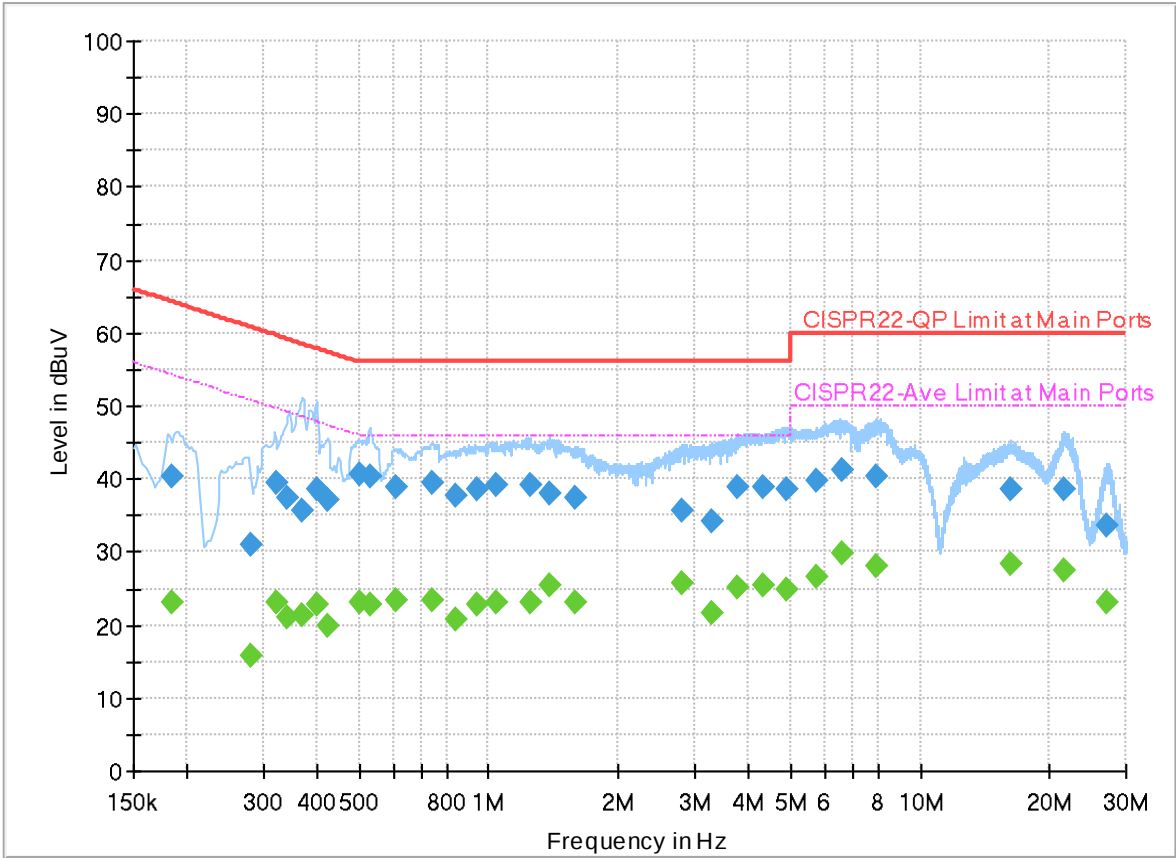
|           |       |       |       |       |    |     |      |
|-----------|-------|-------|-------|-------|----|-----|------|
| 0.486690  | 40.40 | ---   | 56.22 | 15.82 | L1 | OFF | 19.9 |
| 0.556800  | ---   | 20.23 | 46.00 | 25.77 | L1 | OFF | 19.9 |
| 0.556800  | 35.47 | ---   | 56.00 | 20.53 | L1 | OFF | 19.9 |
| 0.604950  | ---   | 22.85 | 46.00 | 23.15 | L1 | OFF | 19.9 |
| 0.604950  | 38.16 | ---   | 56.00 | 17.84 | L1 | OFF | 19.9 |
| 0.668040  | ---   | 21.44 | 46.00 | 24.56 | L1 | OFF | 19.9 |
| 0.668040  | 37.13 | ---   | 56.00 | 18.87 | L1 | OFF | 19.9 |
| 0.735090  | ---   | 21.73 | 46.00 | 24.27 | L1 | OFF | 19.9 |
| 0.735090  | 38.83 | ---   | 56.00 | 17.17 | L1 | OFF | 19.9 |
| 0.806010  | ---   | 20.98 | 46.00 | 25.02 | L1 | OFF | 19.9 |
| 0.806010  | 35.77 | ---   | 56.00 | 20.23 | L1 | OFF | 19.9 |
| 0.905640  | ---   | 21.09 | 46.00 | 24.91 | L1 | OFF | 19.9 |
| 0.905640  | 38.05 | ---   | 56.00 | 17.95 | L1 | OFF | 19.9 |
| 0.964500  | ---   | 22.55 | 46.00 | 23.45 | L1 | OFF | 19.9 |
| 0.964500  | 38.02 | ---   | 56.00 | 17.98 | L1 | OFF | 19.9 |
| 1.099500  | ---   | 22.83 | 46.00 | 23.17 | L1 | OFF | 19.9 |
| 1.099500  | 39.37 | ---   | 56.00 | 16.63 | L1 | OFF | 19.9 |
| 1.340250  | ---   | 22.73 | 46.00 | 23.27 | L1 | OFF | 19.9 |
| 1.340250  | 39.13 | ---   | 56.00 | 16.87 | L1 | OFF | 19.9 |
| 1.494510  | ---   | 23.31 | 46.00 | 22.69 | L1 | OFF | 19.9 |
| 1.494510  | 37.62 | ---   | 56.00 | 18.38 | L1 | OFF | 19.9 |
| 1.624020  | ---   | 22.88 | 46.00 | 23.12 | L1 | OFF | 19.9 |
| 1.624020  | 37.21 | ---   | 56.00 | 18.79 | L1 | OFF | 19.9 |
| 1.766310  | ---   | 21.28 | 46.00 | 24.72 | L1 | OFF | 19.9 |
| 1.766310  | 34.63 | ---   | 56.00 | 21.37 | L1 | OFF | 19.9 |
| 2.992200  | ---   | 24.57 | 46.00 | 21.43 | L1 | OFF | 20.0 |
| 2.992200  | 35.21 | ---   | 56.00 | 20.79 | L1 | OFF | 20.0 |
| 4.323750  | ---   | 24.11 | 46.00 | 21.89 | L1 | OFF | 20.0 |
| 4.323750  | 36.97 | ---   | 56.00 | 19.03 | L1 | OFF | 20.0 |
| 4.706250  | ---   | 25.82 | 46.00 | 20.18 | L1 | OFF | 20.0 |
| 4.706250  | 38.81 | ---   | 56.00 | 17.19 | L1 | OFF | 20.0 |
| 5.001000  | ---   | 25.74 | 50.00 | 24.26 | L1 | OFF | 20.0 |
| 5.001000  | 38.21 | ---   | 60.00 | 21.79 | L1 | OFF | 20.0 |
| 5.896410  | ---   | 25.51 | 50.00 | 24.49 | L1 | OFF | 20.0 |
| 5.896410  | 38.51 | ---   | 60.00 | 21.49 | L1 | OFF | 20.0 |
| 6.423270  | ---   | 28.49 | 50.00 | 21.51 | L1 | OFF | 20.0 |
| 6.423270  | 39.91 | ---   | 60.00 | 20.09 | L1 | OFF | 20.0 |
| 6.852750  | ---   | 31.15 | 50.00 | 18.85 | L1 | OFF | 20.0 |
| 6.852750  | 42.38 | ---   | 60.00 | 17.62 | L1 | OFF | 20.0 |
| 7.352250  | ---   | 26.80 | 50.00 | 23.20 | L1 | OFF | 20.0 |
| 7.352250  | 37.09 | ---   | 60.00 | 22.91 | L1 | OFF | 20.0 |
| 7.725750  | ---   | 27.36 | 50.00 | 22.64 | L1 | OFF | 20.0 |
| 7.725750  | 38.70 | ---   | 60.00 | 21.30 | L1 | OFF | 20.0 |
| 8.195820  | ---   | 29.99 | 50.00 | 20.01 | L1 | OFF | 20.1 |
| 8.195820  | 40.08 | ---   | 60.00 | 19.92 | L1 | OFF | 20.1 |
| 8.630250  | ---   | 29.82 | 50.00 | 20.18 | L1 | OFF | 20.1 |
| 8.630250  | 39.82 | ---   | 60.00 | 20.18 | L1 | OFF | 20.1 |
| 9.168000  | ---   | 26.97 | 50.00 | 23.03 | L1 | OFF | 20.1 |
| 9.168000  | 36.75 | ---   | 60.00 | 23.25 | L1 | OFF | 20.1 |
| 9.579570  | ---   | 28.92 | 50.00 | 21.08 | L1 | OFF | 20.1 |
| 9.579570  | 38.64 | ---   | 60.00 | 21.36 | L1 | OFF | 20.1 |
| 10.431510 | ---   | 28.20 | 50.00 | 21.80 | L1 | OFF | 20.1 |
| 10.431510 | 37.69 | ---   | 60.00 | 22.31 | L1 | OFF | 20.1 |
| 17.300220 | ---   | 29.73 | 50.00 | 20.27 | L1 | OFF | 20.1 |
| 17.300220 | 38.95 | ---   | 60.00 | 21.05 | L1 | OFF | 20.1 |
| 21.454800 | ---   | 28.91 | 50.00 | 21.09 | L1 | OFF | 20.1 |
| 21.454800 | 38.82 | ---   | 60.00 | 21.18 | L1 | OFF | 20.1 |

EUT Information

Report NO :  
Test Mode :  
Test Voltage :  
Phase :

471715  
Mode 1  
120Vac/60Hz  
Neutral

Full Spectrum



Final\_Result

| Frequency (MHz) | QuasiPeak (dBuV) | CAverage (dBuV) | Limit (dBuV) | Margin (dB) | Line | Filter | Corr. (dB) |
|-----------------|------------------|-----------------|--------------|-------------|------|--------|------------|
| 0.184110        | ---              | 23.24           | 54.30        | 31.06       | N    | OFF    | 19.9       |
| 0.184110        | 40.29            | ---             | 64.30        | 24.01       | N    | OFF    | 19.9       |
| 0.280500        | ---              | 15.85           | 50.80        | 34.95       | N    | OFF    | 19.9       |
| 0.280500        | 30.92            | ---             | 60.80        | 29.88       | N    | OFF    | 19.9       |
| 0.322620        | ---              | 23.08           | 49.64        | 26.56       | N    | OFF    | 19.9       |
| 0.322620        | 39.35            | ---             | 59.64        | 20.29       | N    | OFF    | 19.9       |
| 0.341250        | ---              | 21.19           | 49.17        | 27.98       | N    | OFF    | 19.9       |
| 0.341250        | 37.57            | ---             | 59.17        | 21.60       | N    | OFF    | 19.9       |
| 0.368790        | ---              | 21.48           | 48.53        | 27.05       | N    | OFF    | 19.9       |
| 0.368790        | 35.81            | ---             | 58.53        | 22.72       | N    | OFF    | 19.9       |
| 0.400470        | ---              | 22.73           | 47.84        | 25.11       | N    | OFF    | 19.9       |
| 0.400470        | 38.49            | ---             | 57.84        | 19.35       | N    | OFF    | 19.9       |
| 0.422250        | ---              | 19.91           | 47.40        | 27.49       | N    | OFF    | 19.9       |
| 0.422250        | 37.09            | ---             | 57.40        | 20.31       | N    | OFF    | 19.9       |
| 0.503160        | ---              | 23.12           | 46.00        | 22.88       | N    | OFF    | 19.9       |
| 0.503160        | 40.72            | ---             | 56.00        | 15.28       | N    | OFF    | 19.9       |
| 0.530790        | ---              | 22.78           | 46.00        | 23.22       | N    | OFF    | 19.9       |
| 0.530790        | 40.44            | ---             | 56.00        | 15.56       | N    | OFF    | 19.9       |
| 0.611250        | ---              | 23.49           | 46.00        | 22.51       | N    | OFF    | 19.9       |

|           |       |       |       |       |   |     |      |
|-----------|-------|-------|-------|-------|---|-----|------|
| 0.611250  | 38.77 | ---   | 56.00 | 17.23 | N | OFF | 19.9 |
| 0.739950  | ---   | 23.38 | 46.00 | 22.62 | N | OFF | 19.9 |
| 0.739950  | 39.57 | ---   | 56.00 | 16.43 | N | OFF | 19.9 |
| 0.836250  | ---   | 20.62 | 46.00 | 25.38 | N | OFF | 19.9 |
| 0.836250  | 37.66 | ---   | 56.00 | 18.34 | N | OFF | 19.9 |
| 0.935250  | ---   | 22.68 | 46.00 | 23.32 | N | OFF | 19.9 |
| 0.935250  | 38.70 | ---   | 56.00 | 17.30 | N | OFF | 19.9 |
| 1.036230  | ---   | 23.04 | 46.00 | 22.96 | N | OFF | 19.9 |
| 1.036230  | 39.13 | ---   | 56.00 | 16.87 | N | OFF | 19.9 |
| 1.244850  | ---   | 23.21 | 46.00 | 22.79 | N | OFF | 19.9 |
| 1.244850  | 39.04 | ---   | 56.00 | 16.96 | N | OFF | 19.9 |
| 1.386240  | ---   | 25.47 | 46.00 | 20.53 | N | OFF | 19.9 |
| 1.386240  | 38.06 | ---   | 56.00 | 17.94 | N | OFF | 19.9 |
| 1.593420  | ---   | 23.07 | 46.00 | 22.93 | N | OFF | 19.9 |
| 1.593420  | 37.31 | ---   | 56.00 | 18.69 | N | OFF | 19.9 |
| 2.795460  | ---   | 25.85 | 46.00 | 20.15 | N | OFF | 20.0 |
| 2.795460  | 35.74 | ---   | 56.00 | 20.26 | N | OFF | 20.0 |
| 3.300000  | ---   | 21.61 | 46.00 | 24.39 | N | OFF | 20.0 |
| 3.300000  | 34.22 | ---   | 56.00 | 21.78 | N | OFF | 20.0 |
| 3.776280  | ---   | 25.27 | 46.00 | 20.73 | N | OFF | 20.0 |
| 3.776280  | 38.78 | ---   | 56.00 | 17.22 | N | OFF | 20.0 |
| 4.321230  | ---   | 25.39 | 46.00 | 20.61 | N | OFF | 20.0 |
| 4.321230  | 38.81 | ---   | 56.00 | 17.19 | N | OFF | 20.0 |
| 4.881030  | ---   | 24.95 | 46.00 | 21.05 | N | OFF | 20.0 |
| 4.881030  | 38.59 | ---   | 56.00 | 17.41 | N | OFF | 20.0 |
| 5.723250  | ---   | 26.61 | 50.00 | 23.39 | N | OFF | 20.0 |
| 5.723250  | 39.89 | ---   | 60.00 | 20.11 | N | OFF | 20.0 |
| 6.576090  | ---   | 29.76 | 50.00 | 20.24 | N | OFF | 20.0 |
| 6.576090  | 41.36 | ---   | 60.00 | 18.64 | N | OFF | 20.0 |
| 7.908000  | ---   | 28.10 | 50.00 | 21.90 | N | OFF | 20.1 |
| 7.908000  | 40.26 | ---   | 60.00 | 19.74 | N | OFF | 20.1 |
| 16.179000 | ---   | 28.45 | 50.00 | 21.55 | N | OFF | 20.2 |
| 16.179000 | 38.56 | ---   | 60.00 | 21.44 | N | OFF | 20.2 |
| 21.563250 | ---   | 27.60 | 50.00 | 22.40 | N | OFF | 20.2 |
| 21.563250 | 38.69 | ---   | 60.00 | 21.31 | N | OFF | 20.2 |
| 27.206880 | ---   | 23.01 | 50.00 | 26.99 | N | OFF | 20.2 |
| 27.206880 | 33.56 | ---   | 60.00 | 26.44 | N | OFF | 20.2 |



## Appendix C. Radiated Spurious Emission Test Data

|                 |                                     |                     |            |
|-----------------|-------------------------------------|---------------------|------------|
| Test Engineer : | Daniel Lee, Fu Chen and Troye Hsieh | Relative Humidity : | 20.1~21.8℃ |
|                 |                                     | Temperature :       | 52.9~69.9% |

### C1. Radiated Spurious Emission Test Modes

| Mode    | Band (MHz)  | Antenna | Modulation   | Channel | Frequency | Data Rate | RU | Remark |
|---------|-------------|---------|--------------|---------|-----------|-----------|----|--------|
| Mode 12 | 2400-2483.5 | 1       | 802.11b      | 01      | 2412      | 1Mbps     | -  | -      |
| Mode 13 | 2400-2483.5 | 1       | 802.11b      | 06      | 2437      | 1Mbps     | -  | -      |
| Mode 14 | 2400-2483.5 | 1       | 802.11b      | 11      | 2462      | 1Mbps     | -  | -      |
| Mode 15 | 2400-2483.5 | 1       | 802.11g      | 01      | 2412      | 6Mbps     | -  | -      |
| Mode 16 | 2400-2483.5 | 1       | 802.11g      | 06      | 2437      | 6Mbps     | -  | -      |
| Mode 17 | 2400-2483.5 | 1       | 802.11g      | 11      | 2462      | 6Mbps     | -  | -      |
| Mode 18 | 2400-2483.5 | 1       | 802.11n HT20 | 01      | 2412      | MCS0      | -  | -      |
| Mode 19 | 2400-2483.5 | 1       | 802.11n HT20 | 06      | 2437      | MCS0      | -  | -      |
| Mode 20 | 2400-2483.5 | 1       | 802.11n HT20 | 11      | 2462      | MCS0      | -  | -      |
| Mode 21 | 2400-2483.5 | 1       | 802.11n HT40 | 03      | 2422      | MCS0      | -  | -      |
| Mode 22 | 2400-2483.5 | 1       | 802.11n HT40 | 06      | 2437      | MCS0      | -  | -      |
| Mode 23 | 2400-2483.5 | 1       | 802.11n HT40 | 09      | 2452      | MCS0      | -  | -      |
| Mode 24 | 2400-2483.5 | 1       | 802.11b      | 06      | 2437      | 1Mbps     | -  | LF     |
| Mode 29 | 2400-2483.5 | 1       | 802.11b      | 06      | 2437      | 1Mbps     | -  | SHF    |

**C2. Summary of each worse mode**

| Mode | Modulation | Ch. | Freq.<br>(MHz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Pol. | Peak<br>Avg. | Result | RU | Remark    |
|------|------------|-----|----------------|-------------------|-------------------|----------------|------|--------------|--------|----|-----------|
| 12   | 802.11b    | 01  | 2389.04        | 45.80             | 54.00             | -8.20          | H    | Avg.         | Pass   | -  | Band Edge |
|      | 802.11b    | 01  | 4824.00        | 43.17             | 54.00             | -10.83         | H    | Avg.         | Pass   | -  | Harmonic  |
| 13   | 802.11b    | 06  | 2484.94        | 46.52             | 54.00             | -7.48          | H    | Avg.         | Pass   | -  | Band Edge |
|      | 802.11b    | 06  | 4874.00        | 51.88             | 54.00             | -2.12          | H    | Avg.         | Pass   | -  | Harmonic  |
| 14   | 802.11b    | 11  | 2487.61        | 51.55             | 54.00             | -2.45          | H    | Avg.         | Pass   | -  | Band Edge |
|      | 802.11b    | 11  | 4924.00        | 51.29             | 54.00             | -2.71          | H    | Avg.         | Pass   | -  | Harmonic  |
| 15   | 802.11g    | 01  | 2389.56        | 50.50             | 54.00             | -3.50          | H    | Avg.         | Pass   | -  | Band Edge |
|      | 802.11g    | 01  | 4824.00        | 41.84             | 74.00             | -32.16         | H    | Peak         | Pass   | -  | Harmonic  |
| 16   | 802.11g    | 06  | 2484.63        | 48.10             | 54.00             | -5.90          | H    | Avg.         | Pass   | -  | Band Edge |
|      | 802.11g    | 06  | 4874.00        | 40.23             | 54.00             | -13.77         | H    | Avg.         | Pass   | -  | Harmonic  |
| 17   | 802.11g    | 11  | 2483.51        | 50.61             | 54.00             | -3.39          | H    | Avg.         | Pass   | -  | Band Edge |

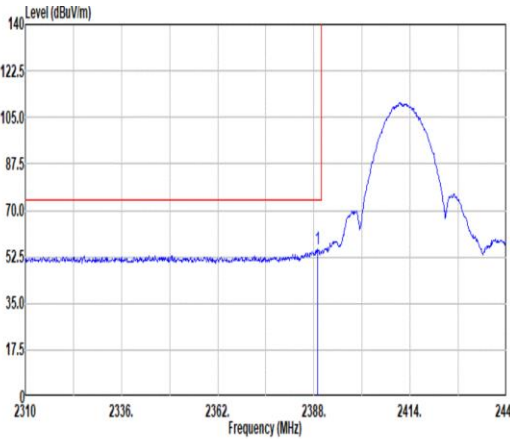
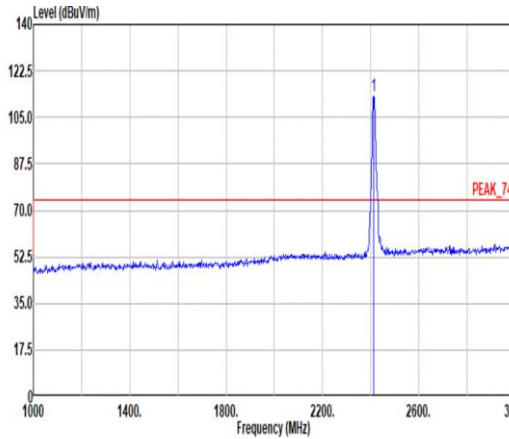
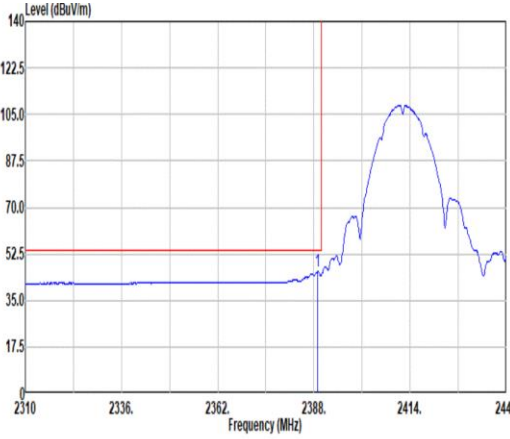
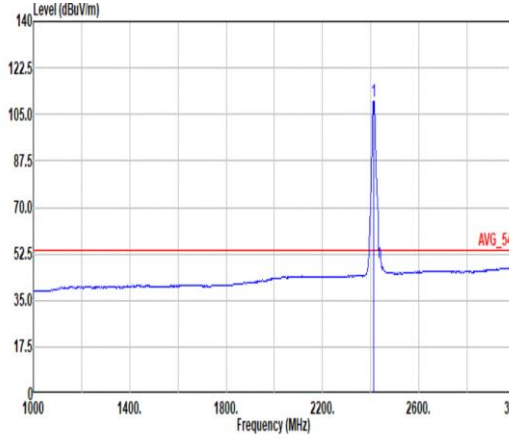


| Mode | Modulation   | Ch. | Freq.<br>(MHz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Pol. | Peak<br>Avg. | Result | RU | Remark    |
|------|--------------|-----|----------------|-------------------|-------------------|----------------|------|--------------|--------|----|-----------|
| 17   | 802.11g      | 11  | 4924.00        | 35.65             | 54.00             | -18.35         | H    | Avg.         | Pass   | -  | Harmonic  |
| 18   | 802.11n HT20 | 01  | 2389.82        | 50.87             | 54.00             | -3.13          | H    | Avg.         | Pass   | -  | Band Edge |
|      | 802.11n HT20 | 01  | 4824.00        | 34.13             | 54.00             | -19.87         | H    | Avg.         | Pass   | -  | Harmonic  |
| 19   | 802.11n HT20 | 06  | 2483.62        | 47.26             | 54.00             | -6.74          | H    | Avg.         | Pass   | -  | Band Edge |
|      | 802.11n HT20 | 06  | 4874.00        | 39.22             | 54.00             | -14.78         | H    | Avg.         | Pass   | -  | Harmonic  |
| 20   | 802.11n HT20 | 11  | 2483.62        | 50.85             | 54.00             | -3.15          | H    | Avg.         | Pass   | -  | Band Edge |
|      | 802.11n HT20 | 11  | 4924.00        | 37.58             | 74.00             | -36.42         | H    | Peak         | Pass   | -  | Harmonic  |
| 21   | 802.11n HT40 | 03  | 2389.63        | 51.75             | 54.00             | -2.25          | H    | Avg.         | Pass   | -  | Band Edge |
|      | 802.11n HT40 | 03  | 4844.00        | 32.35             | 54.00             | -21.65         | H    | Avg.         | Pass   | -  | Harmonic  |
| 22   | 802.11n HT40 | 06  | 2483.75        | 51.20             | 54.00             | -2.80          | H    | Avg.         | Pass   | -  | Band Edge |
|      | 802.11n HT40 | 06  | 7311.00        | 38.73             | 74.00             | -35.27         | H    | Peak         | Pass   | -  | Harmonic  |

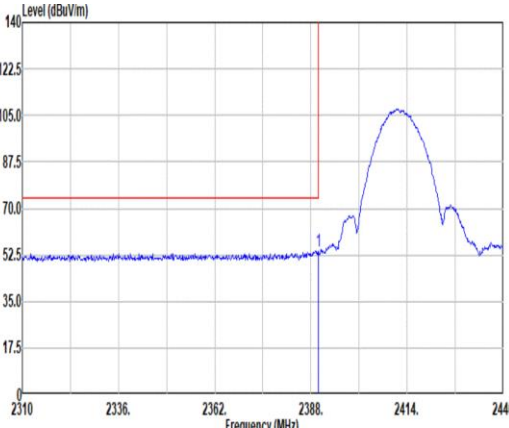
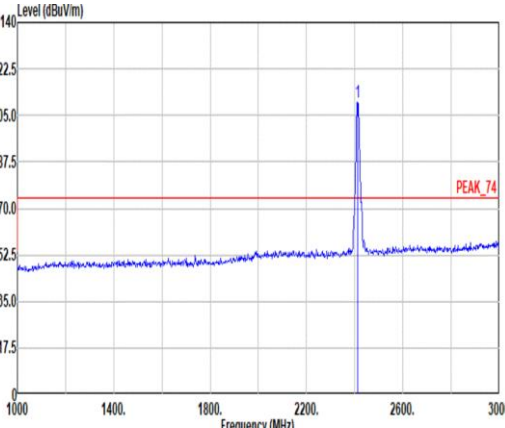
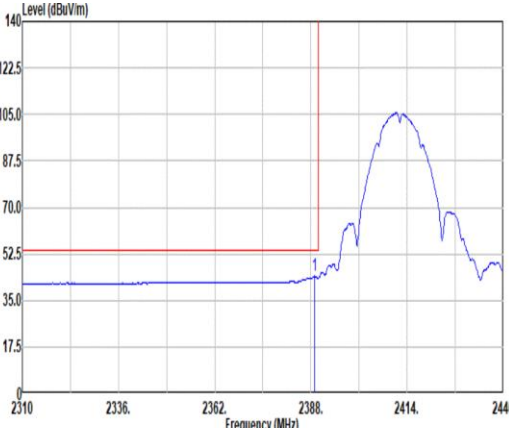
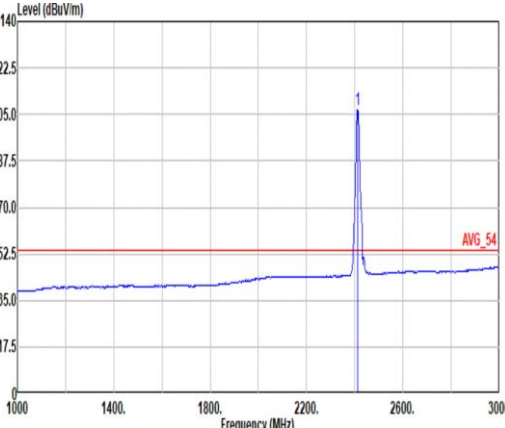


| Mode | Modulation   | Ch. | Freq.<br>(MHz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Pol. | Peak<br>Avg. | Result | RU | Remark    |
|------|--------------|-----|----------------|-------------------|-------------------|----------------|------|--------------|--------|----|-----------|
| 23   | 802.11n HT40 | 09  | 2484.35        | 51.72             | 54.00             | -2.28          | H    | Avg.         | Pass   | -  | Band Edge |
|      | 802.11n HT40 | 09  | 7356.00        | 38.51             | 74.00             | -35.49         | V    | Peak         | Pass   | -  | Harmonic  |
| 24   | LF           | 06  | 40.67          | 32.12             | 40.00             | -7.88          | V    | QP           | Pass   | -  | LF        |
| 29   | SHF          | 06  | 24834.85       | 41.36             | 74.00             | -32.64         | V    | Peak         | Pass   | -  | SHF       |

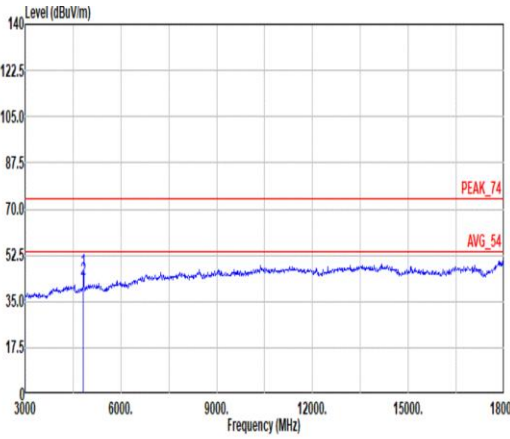
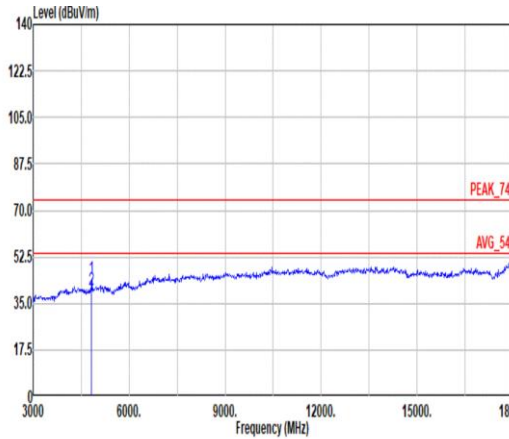


|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 12          |              |             |        |        |      |       |        |     |             |             |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |  |   |         |       |       |        |       |       |      |       |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |  |   |         |        |       |       |        |       |      |       |       |     |             |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------|-------------|--------|--------|------|-------|--------|-----|-------------|-------------|-------|------|-----|-------|--------|-----|------|------|--------|--|--|------|-------|-------------|--------------|-------------|--------|--------|--|--|--|--|--|--|-----|--------|--------|----|------|------|----|----|----|-----|--|---|---------|-------|-------|--------|-------|-------|------|-------|-------|-----|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|-------|------|-----|-------|--------|-----|------|------|--------|--|--|------|-------|-------------|--------------|-------------|--------|--------|--|--|--|--|--|--|-----|--------|--------|----|------|------|----|----|----|-----|--|---|---------|--------|-------|-------|--------|-------|------|-------|-------|-----|-------------|
| Mode | Band Edge                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |             |              |             |        |        |      |       |        |     |             |             |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |  |   |         |       |       |        |       |       |      |       |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |  |   |         |        |       |       |        |       |      |       |       |     |             |
|      | 2400-2483.5_802.11b_CH01_2412MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |             |              |             |        |        |      |       |        |     |             |             |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |  |   |         |       |       |        |       |       |      |       |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |  |   |         |        |       |       |        |       |      |       |       |     |             |
| ANT  | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |              |             |        |        |      |       |        |     |             |             |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |  |   |         |       |       |        |       |       |      |       |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |  |   |         |        |       |       |        |       |      |       |       |     |             |
| Pol. | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |             |              |             |        |        |      |       |        |     |             | Fundamental |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |  |   |         |       |       |        |       |       |      |       |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |  |   |         |        |       |       |        |       |      |       |       |     |             |
| Peak | <div><p>Site : 03CH11-HY<br/>Condition: PEAK_BE_74 3m 91280_01620_238817 HORIZONTAL<br/>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p><table><thead><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th colspan="3">Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level Factor</th><th>Loss Factor</th><th>Factor</th><th>Factor</th><th></th><th></th><th></th><th></th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr></thead><tbody><tr><td>1</td><td>2388.91</td><td>55.72</td><td>74.00</td><td>-18.28</td><td>44.79</td><td>27.49</td><td>6.78</td><td>33.34</td><td>10.00</td><td>144</td><td>360 PEAK</td></tr></tbody></table></div> |             |              |             |        |        |      |       |        |     |             |             | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark |  |  | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | Factor |  |  |  |  |  |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg |  | 1 | 2388.91 | 55.72 | 74.00 | -18.28 | 44.79 | 27.49 | 6.78 | 33.34 | 10.00 | 144 | 360 PEAK    | <div><p>Site : 03CH11-HY<br/>Condition: PEAK_74 3m 91280_01620_238817 HORIZONTAL<br/>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p><table><thead><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th colspan="3">Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level Factor</th><th>Loss Factor</th><th>Factor</th><th>Factor</th><th></th><th></th><th></th><th></th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr></thead><tbody><tr><td>1</td><td>2412.00</td><td>113.02</td><td>-----</td><td>-----</td><td>102.03</td><td>27.50</td><td>6.81</td><td>33.32</td><td>10.00</td><td>144</td><td>360 PEAK</td></tr></tbody></table></div> |  |  | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark |  |  | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | Factor |  |  |  |  |  |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg |  | 1 | 2412.00 | 113.02 | ----- | ----- | 102.03 | 27.50 | 6.81 | 33.32 | 10.00 | 144 | 360 PEAK    |
|      | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Read        | Ant          | Cable       | Preamp | Aux    | APos | TPos  | Remark |     |             |             |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |  |   |         |       |       |        |       |       |      |       |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |  |   |         |        |       |       |        |       |      |       |       |     |             |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Line Margin | Level Factor | Loss Factor | Factor | Factor |      |       |        |     |             |             |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |  |   |         |       |       |        |       |       |      |       |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |  |   |         |        |       |       |        |       |      |       |       |     |             |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | dBuV/m      | dBuV/m       | dB          | dBuV   | dB/m   | dB   | dB    | cm     | deg |             |             |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |  |   |         |       |       |        |       |       |      |       |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |  |   |         |        |       |       |        |       |      |       |       |     |             |
| 1    | 2388.91                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 55.72       | 74.00        | -18.28      | 44.79  | 27.49  | 6.78 | 33.34 | 10.00  | 144 | 360 PEAK    |             |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |  |   |         |       |       |        |       |       |      |       |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |  |   |         |        |       |       |        |       |      |       |       |     |             |
|      | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Read        | Ant          | Cable       | Preamp | Aux    | APos | TPos  | Remark |     |             |             |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |  |   |         |       |       |        |       |       |      |       |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |  |   |         |        |       |       |        |       |      |       |       |     |             |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Line Margin | Level Factor | Loss Factor | Factor | Factor |      |       |        |     |             |             |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |  |   |         |       |       |        |       |       |      |       |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |  |   |         |        |       |       |        |       |      |       |       |     |             |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | dBuV/m      | dBuV/m       | dB          | dBuV   | dB/m   | dB   | dB    | cm     | deg |             |             |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |  |   |         |       |       |        |       |       |      |       |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |  |   |         |        |       |       |        |       |      |       |       |     |             |
| 1    | 2412.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 113.02      | -----        | -----       | 102.03 | 27.50  | 6.81 | 33.32 | 10.00  | 144 | 360 PEAK    |             |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |  |   |         |       |       |        |       |       |      |       |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |  |   |         |        |       |       |        |       |      |       |       |     |             |
| Avg  | <div><p>Site : 03CH11-HY<br/>Condition: AVG_BE_54 3m 91280_01620_238817 HORIZONTAL<br/>: RBW:1000.000kHz VBW:0.010kHz SWT:Auto</p><table><thead><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th colspan="3">Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level Factor</th><th>Loss Factor</th><th>Factor</th><th>Factor</th><th></th><th></th><th></th><th></th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr></thead><tbody><tr><td>1</td><td>2389.04</td><td>45.00</td><td>54.00</td><td>-8.20</td><td>34.87</td><td>27.49</td><td>6.78</td><td>33.34</td><td>10.00</td><td>144</td><td>360 AVERAGE</td></tr></tbody></table></div>  |             |              |             |        |        |      |       |        |     |             |             | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark |  |  | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | Factor |  |  |  |  |  |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg |  | 1 | 2389.04 | 45.00 | 54.00 | -8.20  | 34.87 | 27.49 | 6.78 | 33.34 | 10.00 | 144 | 360 AVERAGE | <div><p>Site : 03CH11-HY<br/>Condition: AVG_54 3m 91280_01620_238817 HORIZONTAL<br/>: RBW:1000.000kHz VBW:0.010kHz SWT:Auto</p><table><thead><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th colspan="3">Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level Factor</th><th>Loss Factor</th><th>Factor</th><th>Factor</th><th></th><th></th><th></th><th></th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr></thead><tbody><tr><td>1</td><td>2412.00</td><td>109.94</td><td>-----</td><td>-----</td><td>98.95</td><td>27.50</td><td>6.81</td><td>33.32</td><td>10.00</td><td>144</td><td>360 AVERAGE</td></tr></tbody></table></div>  |  |  | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark |  |  | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | Factor |  |  |  |  |  |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg |  | 1 | 2412.00 | 109.94 | ----- | ----- | 98.95  | 27.50 | 6.81 | 33.32 | 10.00 | 144 | 360 AVERAGE |
|      | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Read        | Ant          | Cable       | Preamp | Aux    | APos | TPos  | Remark |     |             |             |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |  |   |         |       |       |        |       |       |      |       |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |  |   |         |        |       |       |        |       |      |       |       |     |             |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Line Margin | Level Factor | Loss Factor | Factor | Factor |      |       |        |     |             |             |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |  |   |         |       |       |        |       |       |      |       |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |  |   |         |        |       |       |        |       |      |       |       |     |             |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | dBuV/m      | dBuV/m       | dB          | dBuV   | dB/m   | dB   | dB    | cm     | deg |             |             |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |  |   |         |       |       |        |       |       |      |       |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |  |   |         |        |       |       |        |       |      |       |       |     |             |
| 1    | 2389.04                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 45.00       | 54.00        | -8.20       | 34.87  | 27.49  | 6.78 | 33.34 | 10.00  | 144 | 360 AVERAGE |             |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |  |   |         |       |       |        |       |       |      |       |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |  |   |         |        |       |       |        |       |      |       |       |     |             |
|      | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Read        | Ant          | Cable       | Preamp | Aux    | APos | TPos  | Remark |     |             |             |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |  |   |         |       |       |        |       |       |      |       |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |  |   |         |        |       |       |        |       |      |       |       |     |             |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Line Margin | Level Factor | Loss Factor | Factor | Factor |      |       |        |     |             |             |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |  |   |         |       |       |        |       |       |      |       |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |  |   |         |        |       |       |        |       |      |       |       |     |             |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | dBuV/m      | dBuV/m       | dB          | dBuV   | dB/m   | dB   | dB    | cm     | deg |             |             |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |  |   |         |       |       |        |       |       |      |       |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |  |   |         |        |       |       |        |       |      |       |       |     |             |
| 1    | 2412.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 109.94      | -----        | -----       | 98.95  | 27.50  | 6.81 | 33.32 | 10.00  | 144 | 360 AVERAGE |             |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |  |   |         |       |       |        |       |       |      |       |       |     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |       |      |     |       |        |     |      |      |        |  |  |      |       |             |              |             |        |        |  |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |  |   |         |        |       |       |        |       |      |       |       |     |             |



|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                        | 12          |              |             |             |        |                                                                                                                     |       |        |                 |        |     |      |      |        |  |      |       |             |              |             |             |        |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |  |       |      |     |       |        |     |      |      |        |  |      |       |             |              |             |             |        |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |       |                 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|-------------|--------------|-------------|-------------|--------|---------------------------------------------------------------------------------------------------------------------|-------|--------|-----------------|--------|-----|------|------|--------|--|------|-------|-------------|--------------|-------------|-------------|--------|--|--|--|--|--|-----|--------|--------|----|------|------|----|----|----|-----|---|---------|-------|-------|--------|-------|-------|------|-------|-------|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|-------|------|-----|-------|--------|-----|------|------|--------|--|------|-------|-------------|--------------|-------------|-------------|--------|--|--|--|--|--|-----|--------|--------|----|------|------|----|----|----|-----|---|---------|--------|-------|-------|-------|-------|------|-------|-------|-----------------|
| Mode                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Band Edge                                                                                                              |             |              |             |             |        |                                                                                                                     |       |        |                 |        |     |      |      |        |  |      |       |             |              |             |             |        |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |  |       |      |     |       |        |     |      |      |        |  |      |       |             |              |             |             |        |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |       |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2400-2483.5_802.11b_CH01_2412MHz                                                                                       |             |              |             |             |        |                                                                                                                     |       |        |                 |        |     |      |      |        |  |      |       |             |              |             |             |        |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |  |       |      |     |       |        |     |      |      |        |  |      |       |             |              |             |             |        |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |       |                 |
| ANT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1                                                                                                                      |             |              |             |             |        |                                                                                                                     |       |        |                 |        |     |      |      |        |  |      |       |             |              |             |             |        |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |  |       |      |     |       |        |     |      |      |        |  |      |       |             |              |             |             |        |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |       |                 |
| Pol.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Vertical                                                                                                               |             |              |             |             |        | Fundamental                                                                                                         |       |        |                 |        |     |      |      |        |  |      |       |             |              |             |             |        |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |  |       |      |     |       |        |     |      |      |        |  |      |       |             |              |             |             |        |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |       |                 |
| Peak                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                      |             |              |             |             |        |                                  |       |        |                 |        |     |      |      |        |  |      |       |             |              |             |             |        |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |  |       |      |     |       |        |     |      |      |        |  |      |       |             |              |             |             |        |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |       |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Site : 03CH11-HY<br>Condition: PEAK_BE_74 3m 91280_01620_230817 VERTICAL<br>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto |             |              |             |             |        | Site : 03CH11-HY<br>Condition: PEAK_74 3m 91280_01620_230817 VERTICAL<br>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto |       |        |                 |        |     |      |      |        |  |      |       |             |              |             |             |        |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |  |       |      |     |       |        |     |      |      |        |  |      |       |             |              |             |             |        |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |       |                 |
| <table><thead><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th colspan="2">Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level Factor</th><th>Loss Factor</th><th>Loss Factor</th><th>Factor</th><th></th><th></th><th colspan="2"></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr></thead><tbody><tr><td>1</td><td>2389.95</td><td>53.73</td><td>74.00</td><td>-20.27</td><td>42.79</td><td>27.50</td><td>6.78</td><td>33.34</td><td>10.00</td><td>248 PEAK</td></tr></tbody></table>   |                                                                                                                        |             |              |             |             |        | Limit                                                                                                               | Read  | Ant    | Cable           | Preamp | Aux | APos | TPos | Remark |  | Freq | Level | Line Margin | Level Factor | Loss Factor | Loss Factor | Factor |  |  |  |  |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 2389.95 | 53.73 | 74.00 | -20.27 | 42.79 | 27.50 | 6.78 | 33.34 | 10.00 | 248 PEAK    | <table><thead><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th colspan="2">Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level Factor</th><th>Loss Factor</th><th>Loss Factor</th><th>Factor</th><th></th><th></th><th colspan="2"></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr></thead><tbody><tr><td>1</td><td>2412.00</td><td>110.04</td><td>-----</td><td>-----</td><td>99.05</td><td>27.50</td><td>6.81</td><td>33.32</td><td>10.00</td><td>400 248 PEAK</td></tr></tbody></table>    |  |  |  |  |  | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark |  | Freq | Level | Line Margin | Level Factor | Loss Factor | Loss Factor | Factor |  |  |  |  |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 2412.00 | 110.04 | ----- | ----- | 99.05 | 27.50 | 6.81 | 33.32 | 10.00 | 400 248 PEAK    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Limit                                                                                                                  | Read        | Ant          | Cable       | Preamp      | Aux    | APos                                                                                                                | TPos  | Remark |                 |        |     |      |      |        |  |      |       |             |              |             |             |        |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |  |       |      |     |       |        |     |      |      |        |  |      |       |             |              |             |             |        |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |       |                 |
| Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Level                                                                                                                  | Line Margin | Level Factor | Loss Factor | Loss Factor | Factor |                                                                                                                     |       |        |                 |        |     |      |      |        |  |      |       |             |              |             |             |        |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |  |       |      |     |       |        |     |      |      |        |  |      |       |             |              |             |             |        |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |       |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | MHz                                                                                                                    | dBuV/m      | dBuV/m       | dB          | dBuV        | dB/m   | dB                                                                                                                  | dB    | cm     | deg             |        |     |      |      |        |  |      |       |             |              |             |             |        |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |  |       |      |     |       |        |     |      |      |        |  |      |       |             |              |             |             |        |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |       |                 |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2389.95                                                                                                                | 53.73       | 74.00        | -20.27      | 42.79       | 27.50  | 6.78                                                                                                                | 33.34 | 10.00  | 248 PEAK        |        |     |      |      |        |  |      |       |             |              |             |             |        |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |  |       |      |     |       |        |     |      |      |        |  |      |       |             |              |             |             |        |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |       |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Limit                                                                                                                  | Read        | Ant          | Cable       | Preamp      | Aux    | APos                                                                                                                | TPos  | Remark |                 |        |     |      |      |        |  |      |       |             |              |             |             |        |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |  |       |      |     |       |        |     |      |      |        |  |      |       |             |              |             |             |        |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |       |                 |
| Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Level                                                                                                                  | Line Margin | Level Factor | Loss Factor | Loss Factor | Factor |                                                                                                                     |       |        |                 |        |     |      |      |        |  |      |       |             |              |             |             |        |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |  |       |      |     |       |        |     |      |      |        |  |      |       |             |              |             |             |        |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |       |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | MHz                                                                                                                    | dBuV/m      | dBuV/m       | dB          | dBuV        | dB/m   | dB                                                                                                                  | dB    | cm     | deg             |        |     |      |      |        |  |      |       |             |              |             |             |        |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |  |       |      |     |       |        |     |      |      |        |  |      |       |             |              |             |             |        |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |       |                 |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2412.00                                                                                                                | 110.04      | -----        | -----       | 99.05       | 27.50  | 6.81                                                                                                                | 33.32 | 10.00  | 400 248 PEAK    |        |     |      |      |        |  |      |       |             |              |             |             |        |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |  |       |      |     |       |        |     |      |      |        |  |      |       |             |              |             |             |        |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |       |                 |
| Avg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                     |             |              |             |             |        |                                 |       |        |                 |        |     |      |      |        |  |      |       |             |              |             |             |        |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |  |       |      |     |       |        |     |      |      |        |  |      |       |             |              |             |             |        |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |       |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Site : 03CH11-HY<br>Condition: AVG_BE_54 3m 91280_01620_230817 VERTICAL<br>: RBW:1000.000kHz VBW:0.010kHz SWT:Auto     |             |              |             |             |        | Site : 03CH11-HY<br>Condition: AVG_54 3m 91280_01620_230817 VERTICAL<br>: RBW:1000.000kHz VBW:0.010kHz SWT:Auto     |       |        |                 |        |     |      |      |        |  |      |       |             |              |             |             |        |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |  |       |      |     |       |        |     |      |      |        |  |      |       |             |              |             |             |        |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |       |                 |
| <table><thead><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th colspan="2">Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level Factor</th><th>Loss Factor</th><th>Loss Factor</th><th>Factor</th><th></th><th></th><th colspan="2"></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr></thead><tbody><tr><td>1</td><td>2388.91</td><td>44.15</td><td>54.00</td><td>-9.85</td><td>33.22</td><td>27.49</td><td>6.78</td><td>33.34</td><td>10.00</td><td>248 AVERAGE</td></tr></tbody></table> |                                                                                                                        |             |              |             |             |        | Limit                                                                                                               | Read  | Ant    | Cable           | Preamp | Aux | APos | TPos | Remark |  | Freq | Level | Line Margin | Level Factor | Loss Factor | Loss Factor | Factor |  |  |  |  |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 2388.91 | 44.15 | 54.00 | -9.85  | 33.22 | 27.49 | 6.78 | 33.34 | 10.00 | 248 AVERAGE | <table><thead><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th colspan="2">Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level Factor</th><th>Loss Factor</th><th>Loss Factor</th><th>Factor</th><th></th><th></th><th colspan="2"></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr></thead><tbody><tr><td>1</td><td>2412.00</td><td>106.98</td><td>-----</td><td>-----</td><td>96.01</td><td>27.50</td><td>6.80</td><td>33.33</td><td>10.00</td><td>400 248 AVERAGE</td></tr></tbody></table> |  |  |  |  |  | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark |  | Freq | Level | Line Margin | Level Factor | Loss Factor | Loss Factor | Factor |  |  |  |  |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 2412.00 | 106.98 | ----- | ----- | 96.01 | 27.50 | 6.80 | 33.33 | 10.00 | 400 248 AVERAGE |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Limit                                                                                                                  | Read        | Ant          | Cable       | Preamp      | Aux    | APos                                                                                                                | TPos  | Remark |                 |        |     |      |      |        |  |      |       |             |              |             |             |        |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |  |       |      |     |       |        |     |      |      |        |  |      |       |             |              |             |             |        |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |       |                 |
| Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Level                                                                                                                  | Line Margin | Level Factor | Loss Factor | Loss Factor | Factor |                                                                                                                     |       |        |                 |        |     |      |      |        |  |      |       |             |              |             |             |        |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |  |       |      |     |       |        |     |      |      |        |  |      |       |             |              |             |             |        |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |       |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | MHz                                                                                                                    | dBuV/m      | dBuV/m       | dB          | dBuV        | dB/m   | dB                                                                                                                  | dB    | cm     | deg             |        |     |      |      |        |  |      |       |             |              |             |             |        |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |  |       |      |     |       |        |     |      |      |        |  |      |       |             |              |             |             |        |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |       |                 |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2388.91                                                                                                                | 44.15       | 54.00        | -9.85       | 33.22       | 27.49  | 6.78                                                                                                                | 33.34 | 10.00  | 248 AVERAGE     |        |     |      |      |        |  |      |       |             |              |             |             |        |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |  |       |      |     |       |        |     |      |      |        |  |      |       |             |              |             |             |        |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |       |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Limit                                                                                                                  | Read        | Ant          | Cable       | Preamp      | Aux    | APos                                                                                                                | TPos  | Remark |                 |        |     |      |      |        |  |      |       |             |              |             |             |        |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |  |       |      |     |       |        |     |      |      |        |  |      |       |             |              |             |             |        |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |       |                 |
| Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Level                                                                                                                  | Line Margin | Level Factor | Loss Factor | Loss Factor | Factor |                                                                                                                     |       |        |                 |        |     |      |      |        |  |      |       |             |              |             |             |        |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |  |       |      |     |       |        |     |      |      |        |  |      |       |             |              |             |             |        |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |       |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | MHz                                                                                                                    | dBuV/m      | dBuV/m       | dB          | dBuV        | dB/m   | dB                                                                                                                  | dB    | cm     | deg             |        |     |      |      |        |  |      |       |             |              |             |             |        |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |  |       |      |     |       |        |     |      |      |        |  |      |       |             |              |             |             |        |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |       |                 |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2412.00                                                                                                                | 106.98      | -----        | -----       | 96.01       | 27.50  | 6.80                                                                                                                | 33.33 | 10.00  | 400 248 AVERAGE |        |     |      |      |        |  |      |       |             |              |             |             |        |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |  |       |      |     |       |        |     |      |      |        |  |      |       |             |              |             |             |        |  |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |       |                 |

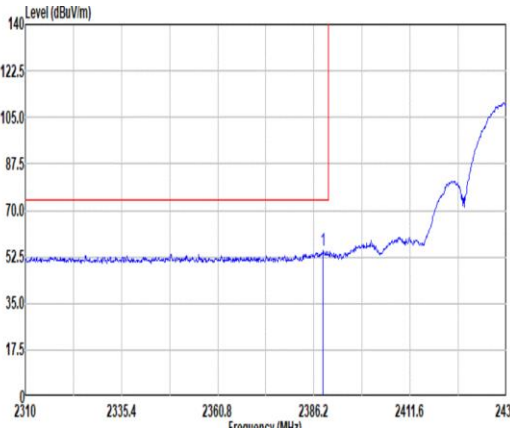
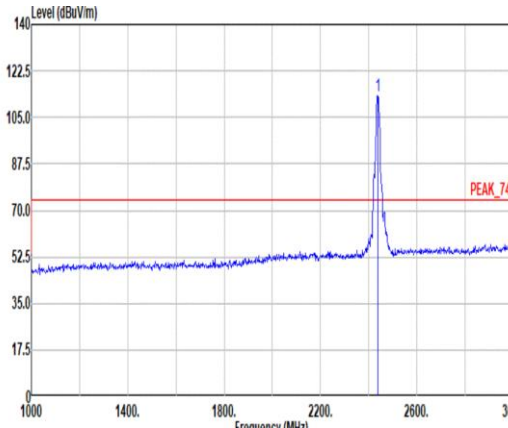
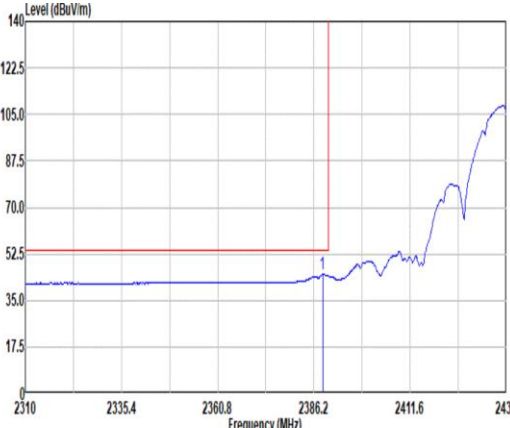
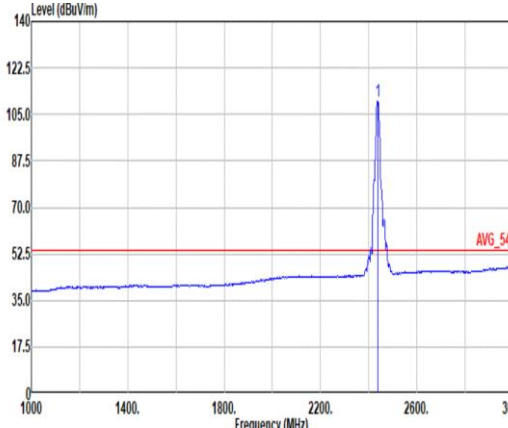


| Mode        | 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |        |        |        |        |        |        |        |      |            |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |         |   |         |       |       |        |       |       |       |       |      |     |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |         |   |         |       |       |        |       |       |       |       |      |     |         |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|--------|--------|--------|--------|--------|--------|--------|------|------------|------|-------|------|--------|-------|--------|------|--------|--------|--------|--|-----|--------|--------|----|------|------|----|----|----|-----|---|---------|-------|-------|--------|-------|-------|-------|-------|------|-----|---------|---|---------|-------|-------|--------|-------|-------|-------|-------|------|-----|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------|------|-----|-------|--------|-----|------|------|--|------|-------|------|--------|-------|--------|------|--------|--------|--------|--|-----|--------|--------|----|------|------|----|----|----|-----|---|---------|-------|-------|--------|-------|-------|-------|-------|------|-----|---------|---|---------|-------|-------|--------|-------|-------|-------|-------|------|-----|---------|
|             | Harmonic                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |        |        |        |        |        |        |        |      |            |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |         |   |         |       |       |        |       |       |       |       |      |     |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |         |   |         |       |       |        |       |       |       |       |      |     |         |
|             | 2400-2483.5_802.11b_CH01_2412MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |        |        |        |        |        |        |        |      |            |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |         |   |         |       |       |        |       |       |       |       |      |     |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |         |   |         |       |       |        |       |       |       |       |      |     |         |
| ANT         | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |          |        |        |        |        |        |        |        |      |            |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |         |   |         |       |       |        |       |       |       |       |      |     |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |         |   |         |       |       |        |       |       |       |       |      |     |         |
| Pol.        | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Vertical |        |        |        |        |        |        |        |      |            |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |         |   |         |       |       |        |       |       |       |       |      |     |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |         |   |         |       |       |        |       |       |       |       |      |     |         |
| Peak<br>Avg | <div><p>Site : 03CH11-HY<br/>Condition: PEAK_74 3m 91280_01620_238817 HORIZONTAL</p><table><thead><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr></thead><tbody><tr><td>1</td><td>4824.00</td><td>46.37</td><td>74.00</td><td>-27.63</td><td>61.01</td><td>32.54</td><td>11.36</td><td>58.54</td><td>0.00</td><td>113</td><td>55 Peak</td></tr><tr><td>2</td><td>4824.00</td><td>43.17</td><td>54.00</td><td>-10.83</td><td>57.81</td><td>32.54</td><td>11.36</td><td>58.54</td><td>0.00</td><td>113</td><td>55 Average</td></tr></tbody></table></div> |          | Limit  | Read   | Ant    | Cable  | Preamp | Aux    | APos   | TPos |            | Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor | Remark |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 4824.00 | 46.37 | 74.00 | -27.63 | 61.01 | 32.54 | 11.36 | 58.54 | 0.00 | 113 | 55 Peak | 2 | 4824.00 | 43.17 | 54.00 | -10.83 | 57.81 | 32.54 | 11.36 | 58.54 | 0.00 | 113 | 55 Average | <div><p>Site : 03CH11-HY<br/>Condition: PEAK_74 3m 91280_01620_238817 VERTICAL</p><table><thead><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr></thead><tbody><tr><td>1</td><td>4824.00</td><td>44.50</td><td>74.00</td><td>-29.50</td><td>59.14</td><td>32.54</td><td>11.36</td><td>58.54</td><td>0.00</td><td>366</td><td>71 Peak</td></tr><tr><td>2</td><td>4824.00</td><td>40.04</td><td>74.00</td><td>-33.96</td><td>54.68</td><td>32.54</td><td>11.36</td><td>58.54</td><td>0.00</td><td>366</td><td>71 Peak</td></tr></tbody></table></div> |  | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos |  | Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor | Remark |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 4824.00 | 44.50 | 74.00 | -29.50 | 59.14 | 32.54 | 11.36 | 58.54 | 0.00 | 366 | 71 Peak | 2 | 4824.00 | 40.04 | 74.00 | -33.96 | 54.68 | 32.54 | 11.36 | 58.54 | 0.00 | 366 | 71 Peak |
|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Limit    | Read   | Ant    | Cable  | Preamp | Aux    | APos   | TPos   |      |            |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |         |   |         |       |       |        |       |       |       |       |      |     |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |         |   |         |       |       |        |       |       |       |       |      |     |         |
| Freq        | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Line     | Margin | Level  | Factor | Loss   | Factor | Factor | Remark |      |            |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |         |   |         |       |       |        |       |       |       |       |      |     |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |         |   |         |       |       |        |       |       |       |       |      |     |         |
|             | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | dBuV/m   | dBuV/m | dB     | dBuV   | dB/m   | dB     | dB     | cm     | deg  |            |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |         |   |         |       |       |        |       |       |       |       |      |     |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |         |   |         |       |       |        |       |       |       |       |      |     |         |
| 1           | 4824.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 46.37    | 74.00  | -27.63 | 61.01  | 32.54  | 11.36  | 58.54  | 0.00   | 113  | 55 Peak    |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |         |   |         |       |       |        |       |       |       |       |      |     |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |         |   |         |       |       |        |       |       |       |       |      |     |         |
| 2           | 4824.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 43.17    | 54.00  | -10.83 | 57.81  | 32.54  | 11.36  | 58.54  | 0.00   | 113  | 55 Average |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |         |   |         |       |       |        |       |       |       |       |      |     |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |         |   |         |       |       |        |       |       |       |       |      |     |         |
|             | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Read     | Ant    | Cable  | Preamp | Aux    | APos   | TPos   |        |      |            |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |         |   |         |       |       |        |       |       |       |       |      |     |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |         |   |         |       |       |        |       |       |       |       |      |     |         |
| Freq        | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Line     | Margin | Level  | Factor | Loss   | Factor | Factor | Remark |      |            |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |         |   |         |       |       |        |       |       |       |       |      |     |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |         |   |         |       |       |        |       |       |       |       |      |     |         |
|             | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | dBuV/m   | dBuV/m | dB     | dBuV   | dB/m   | dB     | dB     | cm     | deg  |            |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |         |   |         |       |       |        |       |       |       |       |      |     |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |         |   |         |       |       |        |       |       |       |       |      |     |         |
| 1           | 4824.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 44.50    | 74.00  | -29.50 | 59.14  | 32.54  | 11.36  | 58.54  | 0.00   | 366  | 71 Peak    |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |         |   |         |       |       |        |       |       |       |       |      |     |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |         |   |         |       |       |        |       |       |       |       |      |     |         |
| 2           | 4824.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 40.04    | 74.00  | -33.96 | 54.68  | 32.54  | 11.36  | 58.54  | 0.00   | 366  | 71 Peak    |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |         |   |         |       |       |        |       |       |       |       |      |     |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |         |   |         |       |       |        |       |       |       |       |      |     |         |

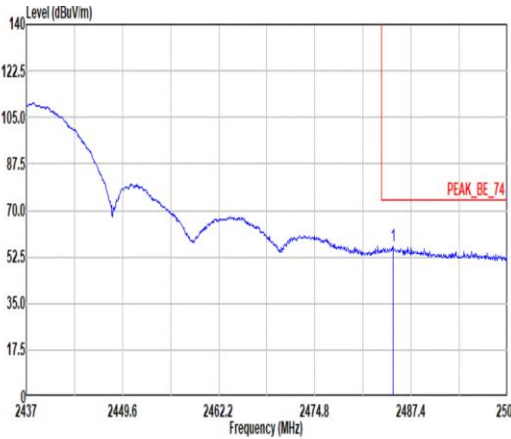
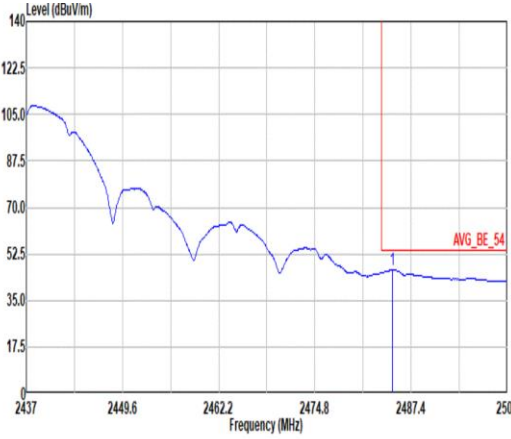


| Mode                    | 12                                                                             |                                                                              |
|-------------------------|--------------------------------------------------------------------------------|------------------------------------------------------------------------------|
|                         | Harmonic                                                                       |                                                                              |
|                         | 2400-2483.5_802.11b_CH01_2412MHz                                               |                                                                              |
| ANT                     | 1                                                                              |                                                                              |
| Pol.                    | Horizontal                                                                     | Vertical                                                                     |
| 14.47G<br>~14.5G<br>Avg | <p>Site : 03CH11-HY<br/>Condition: AVG_54 3m 91280_01620_230817 HORIZONTAL</p> | <p>Site : 03CH11-HY<br/>Condition: AVG_54 3m 91280_01620_230817 VERTICAL</p> |
| 17.7G<br>~18G<br>Avg    | <p>Site : 03CH11-HY<br/>Condition: AVG_54 3m 91280_01620_230817 HORIZONTAL</p> | <p>Site : 03CH11-HY<br/>Condition: AVG_54 3m 91280_01620_230817 VERTICAL</p> |



| Mode | 13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |             |              |             |        |        |        |       |        |            |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |        |       |      |       |       |            |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------|-------------|--------|--------|--------|-------|--------|------------|--|------|-------|-------------|--------------|-------------|--------|--------|--|--|--------|--|-----|--------|--------|----|------|------|----|----|----|-----|---|---------|-------|-------|--------|-------|-------|------|-------|-------|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------|------|-----|-------|--------|-----|------|------|--|------|-------|-------------|--------------|-------------|--------|--------|--|--|--------|--|-----|--------|--------|----|------|------|----|----|----|-----|---|---------|--------|-------|-------|--------|-------|------|-------|-------|------------|
|      | Band Edge - L                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |              |             |        |        |        |       |        |            |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |        |       |      |       |       |            |
|      | 2400-2483.5_802.11b_CH06_2437MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |             |              |             |        |        |        |       |        |            |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |        |       |      |       |       |            |
| ANT  | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |             |              |             |        |        |        |       |        |            |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |        |       |      |       |       |            |
| Pol. | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Fundamental |              |             |        |        |        |       |        |            |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |        |       |      |       |       |            |
| Peak | <div><p>Site : 03CH11-HY<br/>Condition: PEAK_BE_74 3m 91280_01620_230817 HORIZONTAL<br/>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p><table><thead><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level Factor</th><th>Loss Factor</th><th>Factor</th><th>Factor</th><th></th><th></th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr></thead><tbody><tr><td>1</td><td>2388.61</td><td>54.76</td><td>74.00</td><td>-19.24</td><td>43.83</td><td>27.49</td><td>6.78</td><td>33.34</td><td>10.00</td><td>39 PEAK</td></tr></tbody></table></div> |             | Limit        | Read        | Ant    | Cable  | Preamp | Aux   | APos   | TPos       |  | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | Factor |  |  | Remark |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 2388.61 | 54.76 | 74.00 | -19.24 | 43.83 | 27.49 | 6.78 | 33.34 | 10.00 | 39 PEAK    | <div><p>Site : 03CH11-HY<br/>Condition: PEAK_74 3m 91280_01620_230817 HORIZONTAL<br/>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p><table><thead><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level Factor</th><th>Loss Factor</th><th>Factor</th><th>Factor</th><th></th><th></th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr></thead><tbody><tr><td>1</td><td>2437.00</td><td>112.99</td><td>-----</td><td>-----</td><td>101.86</td><td>27.60</td><td>6.84</td><td>33.31</td><td>10.00</td><td>39 PEAK</td></tr></tbody></table></div> |  | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos |  | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | Factor |  |  | Remark |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 2437.00 | 112.99 | ----- | ----- | 101.86 | 27.60 | 6.84 | 33.31 | 10.00 | 39 PEAK    |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Limit       | Read         | Ant         | Cable  | Preamp | Aux    | APos  | TPos   |            |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |        |       |      |       |       |            |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Line Margin | Level Factor | Loss Factor | Factor | Factor |        |       | Remark |            |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |        |       |      |       |       |            |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | dBuV/m      | dBuV/m       | dB          | dBuV   | dB/m   | dB     | dB    | cm     | deg        |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |        |       |      |       |       |            |
| 1    | 2388.61                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 54.76       | 74.00        | -19.24      | 43.83  | 27.49  | 6.78   | 33.34 | 10.00  | 39 PEAK    |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |        |       |      |       |       |            |
|      | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Read        | Ant          | Cable       | Preamp | Aux    | APos   | TPos  |        |            |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |        |       |      |       |       |            |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Line Margin | Level Factor | Loss Factor | Factor | Factor |        |       | Remark |            |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |        |       |      |       |       |            |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | dBuV/m      | dBuV/m       | dB          | dBuV   | dB/m   | dB     | dB    | cm     | deg        |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |        |       |      |       |       |            |
| 1    | 2437.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 112.99      | -----        | -----       | 101.86 | 27.60  | 6.84   | 33.31 | 10.00  | 39 PEAK    |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |        |       |      |       |       |            |
| Avg  | <div><p>Site : 03CH11-HY<br/>Condition: AVG_BE_54 3m 91280_01620_230817 HORIZONTAL<br/>: RBW:1000.000kHz VBW:0.010kHz SWT:Auto</p><table><thead><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level Factor</th><th>Loss Factor</th><th>Factor</th><th>Factor</th><th></th><th></th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr></thead><tbody><tr><td>1</td><td>2388.49</td><td>44.77</td><td>54.00</td><td>-9.23</td><td>33.85</td><td>27.48</td><td>6.78</td><td>33.34</td><td>10.00</td><td>39 AVERAGE</td></tr></tbody></table></div>  |             | Limit        | Read        | Ant    | Cable  | Preamp | Aux   | APos   | TPos       |  | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | Factor |  |  | Remark |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 2388.49 | 44.77 | 54.00 | -9.23  | 33.85 | 27.48 | 6.78 | 33.34 | 10.00 | 39 AVERAGE | <div><p>Site : 03CH11-HY<br/>Condition: AVG_54 3m 91280_01620_230817 HORIZONTAL<br/>: RBW:1000.000kHz VBW:0.010kHz SWT:Auto</p><table><thead><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level Factor</th><th>Loss Factor</th><th>Factor</th><th>Factor</th><th></th><th></th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr></thead><tbody><tr><td>1</td><td>2437.00</td><td>109.86</td><td>-----</td><td>-----</td><td>98.73</td><td>27.60</td><td>6.84</td><td>33.31</td><td>10.00</td><td>39 AVERAGE</td></tr></tbody></table></div>  |  | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos |  | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | Factor |  |  | Remark |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 2437.00 | 109.86 | ----- | ----- | 98.73  | 27.60 | 6.84 | 33.31 | 10.00 | 39 AVERAGE |
|      | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Read        | Ant          | Cable       | Preamp | Aux    | APos   | TPos  |        |            |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |        |       |      |       |       |            |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Line Margin | Level Factor | Loss Factor | Factor | Factor |        |       | Remark |            |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |        |       |      |       |       |            |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | dBuV/m      | dBuV/m       | dB          | dBuV   | dB/m   | dB     | dB    | cm     | deg        |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |        |       |      |       |       |            |
| 1    | 2388.49                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 44.77       | 54.00        | -9.23       | 33.85  | 27.48  | 6.78   | 33.34 | 10.00  | 39 AVERAGE |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |        |       |      |       |       |            |
|      | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Read        | Ant          | Cable       | Preamp | Aux    | APos   | TPos  |        |            |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |        |       |      |       |       |            |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Line Margin | Level Factor | Loss Factor | Factor | Factor |        |       | Remark |            |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |        |       |      |       |       |            |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | dBuV/m      | dBuV/m       | dB          | dBuV   | dB/m   | dB     | dB    | cm     | deg        |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |        |       |      |       |       |            |
| 1    | 2437.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 109.86      | -----        | -----       | 98.73  | 27.60  | 6.84   | 33.31 | 10.00  | 39 AVERAGE |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |        |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |        |       |      |       |       |            |



| Mode | 13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |             |        |        |        |       |        |        |        |            |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |            |       |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------|--------|--------|-------|--------|--------|--------|------------|--|------|-------|------|--------|-------|--------|------|--------|--------|--------|--|-----|--------|--------|----|------|------|----|----|----|-----|---|---------|-------|-------|--------|-------|-------|------|-------|-------|------------|-------|
|      | Band Edge - R                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |             |        |        |        |       |        |        |        |            |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |            |       |
|      | 2400-2483.5_802.11b_CH06_2437MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |        |        |        |       |        |        |        |            |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |            |       |
| ANT  | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |             |        |        |        |       |        |        |        |            |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |            |       |
| Pol. | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Fundamental |        |        |        |       |        |        |        |            |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |            |       |
| Peak | <div><p>Site : 03CH11-HY<br/>Condition: PEAK_BE_74 3m 91200_01620_230017 HORIZONTAL<br/>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p><table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2485.01</td><td>56.39</td><td>74.00</td><td>-17.61</td><td>45.06</td><td>27.70</td><td>6.91</td><td>33.28</td><td>10.00</td><td>39 PEAK</td></tr></table></div> |             | Limit  | Read   | Ant    | Cable | Preamp | Aux    | APos   | TPos       |  | Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor | Remark |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 2485.01 | 56.39 | 74.00 | -17.61 | 45.06 | 27.70 | 6.91 | 33.28 | 10.00 | 39 PEAK    | Blank |
|      | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Read        | Ant    | Cable  | Preamp | Aux   | APos   | TPos   |        |            |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |            |       |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Line        | Margin | Level  | Factor | Loss  | Factor | Factor | Remark |            |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |            |       |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | dBuV/m      | dBuV/m | dB     | dBuV   | dB/m  | dB     | dB     | cm     | deg        |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |            |       |
| 1    | 2485.01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 56.39       | 74.00  | -17.61 | 45.06  | 27.70 | 6.91   | 33.28  | 10.00  | 39 PEAK    |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |            |       |
| Avg  | <div><p>Site : 03CH11-HY<br/>Condition: AVG_BE_54 3m 91200_01620_230017 HORIZONTAL<br/>: RBW:1000.000kHz VBW:0.010kHz SWT:Auto</p><table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2484.94</td><td>46.52</td><td>54.00</td><td>-7.48</td><td>35.19</td><td>27.70</td><td>6.91</td><td>33.28</td><td>10.00</td><td>39 AVERAGE</td></tr></table></div>  |             | Limit  | Read   | Ant    | Cable | Preamp | Aux    | APos   | TPos       |  | Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor | Remark |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 2484.94 | 46.52 | 54.00 | -7.48  | 35.19 | 27.70 | 6.91 | 33.28 | 10.00 | 39 AVERAGE | Blank |
|      | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Read        | Ant    | Cable  | Preamp | Aux   | APos   | TPos   |        |            |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |            |       |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Line        | Margin | Level  | Factor | Loss  | Factor | Factor | Remark |            |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |            |       |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | dBuV/m      | dBuV/m | dB     | dBuV   | dB/m  | dB     | dB     | cm     | deg        |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |            |       |
| 1    | 2484.94                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 46.52       | 54.00  | -7.48  | 35.19  | 27.70 | 6.91   | 33.28  | 10.00  | 39 AVERAGE |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |            |       |

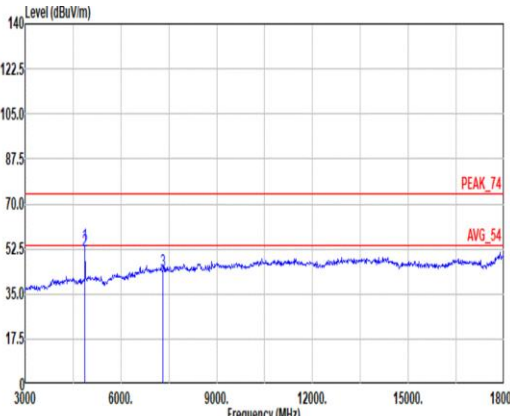
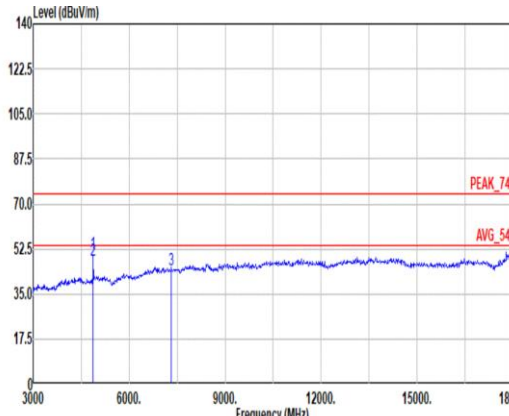


| Mode | 13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |             |              |             |             |        |             |       |        |     |       |         |     |      |      |        |      |       |             |              |             |             |        |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |             |        |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |       |     |     |         |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------|-------------|-------------|--------|-------------|-------|--------|-----|-------|---------|-----|------|------|--------|------|-------|-------------|--------------|-------------|-------------|--------|--|--|--|--|-----|--------|--------|----|------|------|----|----|----|-----|---|---------|-------|-------|--------|-------|-------|------|-------|-------|-----|-----|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|-------|------|-----|-------|--------|-----|------|------|--------|------|-------|-------------|--------------|-------------|-------------|--------|--|--|--|--|-----|--------|--------|----|------|------|----|----|----|-----|---|---------|--------|-------|-------|-------|-------|------|-------|-------|-----|-----|---------|
|      | Band Edge - L                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |             |              |             |             |        |             |       |        |     |       |         |     |      |      |        |      |       |             |              |             |             |        |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |             |        |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |       |     |     |         |
|      | 2400-2483.5_802.11b_CH06_2437MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |             |              |             |             |        |             |       |        |     |       |         |     |      |      |        |      |       |             |              |             |             |        |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |             |        |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |       |     |     |         |
| ANT  | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |             |              |             |             |        |             |       |        |     |       |         |     |      |      |        |      |       |             |              |             |             |        |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |             |        |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |       |     |     |         |
| Pol. | Vertical                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |             |              |             |             |        | Fundamental |       |        |     |       |         |     |      |      |        |      |       |             |              |             |             |        |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |             |        |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |       |     |     |         |
| Peak | <p>Site : 03CH11-HY<br/>Condition: PEAK_BE_74 3m 91200_01620_230817 VERTICAL<br/>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p> <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level Factor</th><th>Loss Factor</th><th>Loss Factor</th><th>Factor</th><th></th><th></th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2389.25</td><td>54.11</td><td>74.00</td><td>-19.89</td><td>43.18</td><td>27.49</td><td>6.78</td><td>33.34</td><td>10.00</td><td>386</td><td>248</td><td>PEAK</td></tr></table> |             |              |             |             |        |             | Limit | Read   | Ant | Cable | Preamp  | Aux | APos | TPos | Remark | Freq | Level | Line Margin | Level Factor | Loss Factor | Loss Factor | Factor |  |  |  |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 2389.25 | 54.11 | 74.00 | -19.89 | 43.18 | 27.49 | 6.78 | 33.34 | 10.00 | 386 | 248 | PEAK    | <p>Site : 03CH11-HY<br/>Condition: PEAK_74 3m 91200_01620_230817 VERTICAL<br/>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p> <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level Factor</th><th>Loss Factor</th><th>Loss Factor</th><th>Factor</th><th></th><th></th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2437.00</td><td>108.90</td><td>-----</td><td>-----</td><td>97.77</td><td>27.60</td><td>6.84</td><td>33.31</td><td>10.00</td><td>386</td><td>248</td><td>PEAK</td></tr></table> |  |  |  |  |  |  | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | Freq | Level | Line Margin | Level Factor | Loss Factor | Loss Factor | Factor |  |  |  |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 2437.00 | 108.90 | ----- | ----- | 97.77 | 27.60 | 6.84 | 33.31 | 10.00 | 386 | 248 | PEAK    |
|      | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Read        | Ant          | Cable       | Preamp      | Aux    | APos        | TPos  | Remark |     |       |         |     |      |      |        |      |       |             |              |             |             |        |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |             |        |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |       |     |     |         |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Line Margin | Level Factor | Loss Factor | Loss Factor | Factor |             |       |        |     |       |         |     |      |      |        |      |       |             |              |             |             |        |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |             |        |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |       |     |     |         |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | dBuV/m      | dBuV/m       | dB          | dBuV        | dB/m   | dB          | dB    | cm     | deg |       |         |     |      |      |        |      |       |             |              |             |             |        |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |             |        |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |       |     |     |         |
| 1    | 2389.25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 54.11       | 74.00        | -19.89      | 43.18       | 27.49  | 6.78        | 33.34 | 10.00  | 386 | 248   | PEAK    |     |      |      |        |      |       |             |              |             |             |        |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |             |        |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |       |     |     |         |
|      | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Read        | Ant          | Cable       | Preamp      | Aux    | APos        | TPos  | Remark |     |       |         |     |      |      |        |      |       |             |              |             |             |        |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |             |        |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |       |     |     |         |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Line Margin | Level Factor | Loss Factor | Loss Factor | Factor |             |       |        |     |       |         |     |      |      |        |      |       |             |              |             |             |        |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |             |        |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |       |     |     |         |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | dBuV/m      | dBuV/m       | dB          | dBuV        | dB/m   | dB          | dB    | cm     | deg |       |         |     |      |      |        |      |       |             |              |             |             |        |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |             |        |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |       |     |     |         |
| 1    | 2437.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 108.90      | -----        | -----       | 97.77       | 27.60  | 6.84        | 33.31 | 10.00  | 386 | 248   | PEAK    |     |      |      |        |      |       |             |              |             |             |        |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |             |        |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |       |     |     |         |
| Avg  | <p>Site : 03CH11-HY<br/>Condition: AVG_BE_54 3m 91200_01620_230817 VERTICAL<br/>: RBW:1000.000kHz VBW:0.010kHz SWT:Auto</p> <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level Factor</th><th>Loss Factor</th><th>Loss Factor</th><th>Factor</th><th></th><th></th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2388.49</td><td>43.40</td><td>54.00</td><td>-10.60</td><td>32.48</td><td>27.48</td><td>6.78</td><td>33.34</td><td>10.00</td><td>386</td><td>248</td><td>AVERAGE</td></tr></table>  |             |              |             |             |        |             | Limit | Read   | Ant | Cable | Preamp  | Aux | APos | TPos | Remark | Freq | Level | Line Margin | Level Factor | Loss Factor | Loss Factor | Factor |  |  |  |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 2388.49 | 43.40 | 54.00 | -10.60 | 32.48 | 27.48 | 6.78 | 33.34 | 10.00 | 386 | 248 | AVERAGE | <p>Site : 03CH11-HY<br/>Condition: AVG_54 3m 91200_01620_230817 VERTICAL<br/>: RBW:1000.000kHz VBW:0.010kHz SWT:Auto</p> <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level Factor</th><th>Loss Factor</th><th>Loss Factor</th><th>Factor</th><th></th><th></th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2437.00</td><td>105.81</td><td>-----</td><td>-----</td><td>94.68</td><td>27.60</td><td>6.84</td><td>33.31</td><td>10.00</td><td>386</td><td>248</td><td>AVERAGE</td></tr></table>  |  |  |  |  |  |  | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | Freq | Level | Line Margin | Level Factor | Loss Factor | Loss Factor | Factor |  |  |  |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 2437.00 | 105.81 | ----- | ----- | 94.68 | 27.60 | 6.84 | 33.31 | 10.00 | 386 | 248 | AVERAGE |
|      | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Read        | Ant          | Cable       | Preamp      | Aux    | APos        | TPos  | Remark |     |       |         |     |      |      |        |      |       |             |              |             |             |        |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |             |        |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |       |     |     |         |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Line Margin | Level Factor | Loss Factor | Loss Factor | Factor |             |       |        |     |       |         |     |      |      |        |      |       |             |              |             |             |        |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |             |        |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |       |     |     |         |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | dBuV/m      | dBuV/m       | dB          | dBuV        | dB/m   | dB          | dB    | cm     | deg |       |         |     |      |      |        |      |       |             |              |             |             |        |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |             |        |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |       |     |     |         |
| 1    | 2388.49                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 43.40       | 54.00        | -10.60      | 32.48       | 27.48  | 6.78        | 33.34 | 10.00  | 386 | 248   | AVERAGE |     |      |      |        |      |       |             |              |             |             |        |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |             |        |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |       |     |     |         |
|      | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Read        | Ant          | Cable       | Preamp      | Aux    | APos        | TPos  | Remark |     |       |         |     |      |      |        |      |       |             |              |             |             |        |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |             |        |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |       |     |     |         |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Line Margin | Level Factor | Loss Factor | Loss Factor | Factor |             |       |        |     |       |         |     |      |      |        |      |       |             |              |             |             |        |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |             |        |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |       |     |     |         |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | dBuV/m      | dBuV/m       | dB          | dBuV        | dB/m   | dB          | dB    | cm     | deg |       |         |     |      |      |        |      |       |             |              |             |             |        |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |             |        |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |       |     |     |         |
| 1    | 2437.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 105.81      | -----        | -----       | 94.68       | 27.60  | 6.84        | 33.31 | 10.00  | 386 | 248   | AVERAGE |     |      |      |        |      |       |             |              |             |             |        |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |             |        |  |  |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |       |     |     |         |

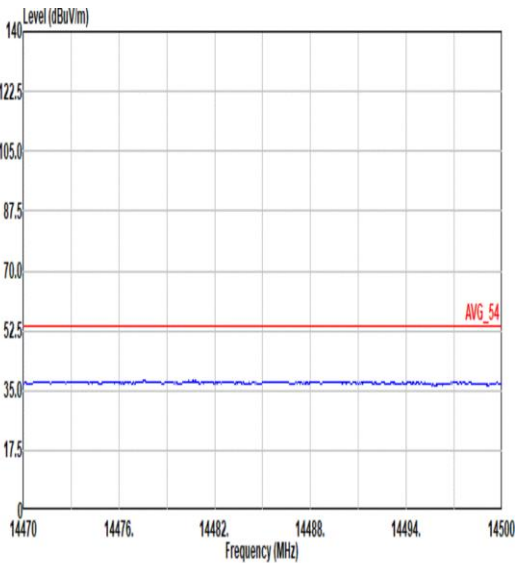
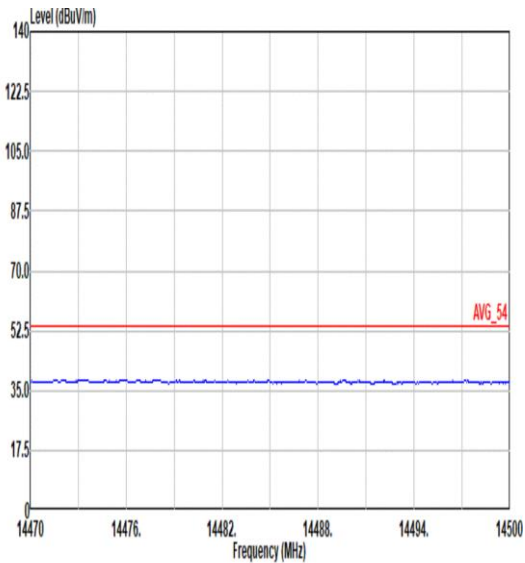
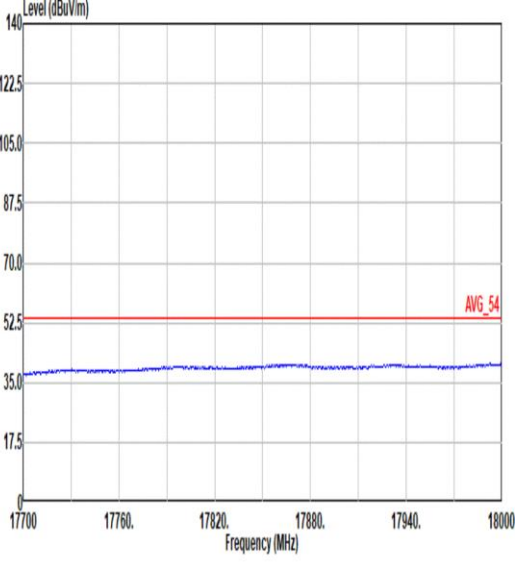
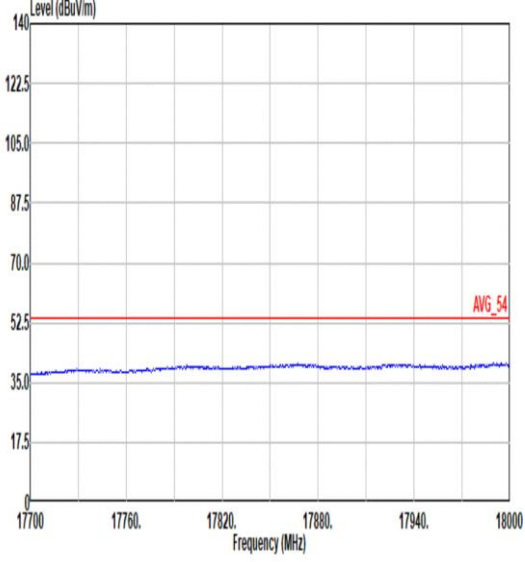


| Mode  | 13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |             |        |        |        |        |        |        |       |      |             |      |        |       |        |      |        |        |    |     |        |     |        |        |    |      |      |    |    |    |    |     |  |   |         |       |       |        |       |       |      |       |       |     |             |       |
|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------|--------|--------|--------|--------|--------|-------|------|-------------|------|--------|-------|--------|------|--------|--------|----|-----|--------|-----|--------|--------|----|------|------|----|----|----|----|-----|--|---|---------|-------|-------|--------|-------|-------|------|-------|-------|-----|-------------|-------|
|       | Band Edge - R                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |             |        |        |        |        |        |        |       |      |             |      |        |       |        |      |        |        |    |     |        |     |        |        |    |      |      |    |    |    |    |     |  |   |         |       |       |        |       |       |      |       |       |     |             |       |
|       | 2400-2483.5_802.11b_CH06_2437MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |             |        |        |        |        |        |        |       |      |             |      |        |       |        |      |        |        |    |     |        |     |        |        |    |      |      |    |    |    |    |     |  |   |         |       |       |        |       |       |      |       |       |     |             |       |
| ANT   | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |             |        |        |        |        |        |        |       |      |             |      |        |       |        |      |        |        |    |     |        |     |        |        |    |      |      |    |    |    |    |     |  |   |         |       |       |        |       |       |      |       |       |     |             |       |
| Pol.  | Vertical                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Fundamental |        |        |        |        |        |        |       |      |             |      |        |       |        |      |        |        |    |     |        |     |        |        |    |      |      |    |    |    |    |     |  |   |         |       |       |        |       |       |      |       |       |     |             |       |
| Peak  | <div><p>Site : 03CH11-HY<br/>Condition: PEAK_BE_74 3m 91200_01620_230017 VERTICAL<br/>: RBW:1000.000kHz VBW:3000.000kHz SMT:Auto</p><table><tr><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th>cm</th><th>deg</th><th>Remark</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>2485.13</td><td>54.52</td><td>74.00</td><td>-19.48</td><td>43.19</td><td>27.70</td><td>6.91</td><td>33.28</td><td>10.00</td><td>386</td><td>248 PEAK</td></tr></table></div> | Limit       | Read   | Ant    | Cable  | Preamp | Aux    | APos   | TPos  | Freq | Level       | Line | Margin | Level | Factor | Loss | Factor | Factor | cm | deg | Remark | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | cm | deg |  | 1 | 2485.13 | 54.52 | 74.00 | -19.48 | 43.19 | 27.70 | 6.91 | 33.28 | 10.00 | 386 | 248 PEAK    | Blank |
| Limit | Read                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Ant         | Cable  | Preamp | Aux    | APos   | TPos   |        |       |      |             |      |        |       |        |      |        |        |    |     |        |     |        |        |    |      |      |    |    |    |    |     |  |   |         |       |       |        |       |       |      |       |       |     |             |       |
| Freq  | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Line        | Margin | Level  | Factor | Loss   | Factor | Factor | cm    | deg  | Remark      |      |        |       |        |      |        |        |    |     |        |     |        |        |    |      |      |    |    |    |    |     |  |   |         |       |       |        |       |       |      |       |       |     |             |       |
| MHz   | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | dBuV/m      | dB     | dBuV   | dB/m   | dB     | dB     | dB     | cm    | deg  |             |      |        |       |        |      |        |        |    |     |        |     |        |        |    |      |      |    |    |    |    |     |  |   |         |       |       |        |       |       |      |       |       |     |             |       |
| 1     | 2485.13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 54.52       | 74.00  | -19.48 | 43.19  | 27.70  | 6.91   | 33.28  | 10.00 | 386  | 248 PEAK    |      |        |       |        |      |        |        |    |     |        |     |        |        |    |      |      |    |    |    |    |     |  |   |         |       |       |        |       |       |      |       |       |     |             |       |
| Avg   | <div><p>Site : 03CH11-HY<br/>Condition: AVG_BE_54 3m 91200_01620_230017 VERTICAL<br/>: RBW:1000.000kHz VBW:0.010kHz SMT:Auto</p><table><tr><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th>cm</th><th>deg</th><th>Remark</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>2484.82</td><td>43.93</td><td>54.00</td><td>-10.07</td><td>32.60</td><td>27.70</td><td>6.91</td><td>33.28</td><td>10.00</td><td>386</td><td>248 AVERAGE</td></tr></table></div>  | Limit       | Read   | Ant    | Cable  | Preamp | Aux    | APos   | TPos  | Freq | Level       | Line | Margin | Level | Factor | Loss | Factor | Factor | cm | deg | Remark | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | cm | deg |  | 1 | 2484.82 | 43.93 | 54.00 | -10.07 | 32.60 | 27.70 | 6.91 | 33.28 | 10.00 | 386 | 248 AVERAGE | Blank |
| Limit | Read                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Ant         | Cable  | Preamp | Aux    | APos   | TPos   |        |       |      |             |      |        |       |        |      |        |        |    |     |        |     |        |        |    |      |      |    |    |    |    |     |  |   |         |       |       |        |       |       |      |       |       |     |             |       |
| Freq  | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Line        | Margin | Level  | Factor | Loss   | Factor | Factor | cm    | deg  | Remark      |      |        |       |        |      |        |        |    |     |        |     |        |        |    |      |      |    |    |    |    |     |  |   |         |       |       |        |       |       |      |       |       |     |             |       |
| MHz   | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | dBuV/m      | dB     | dBuV   | dB/m   | dB     | dB     | dB     | cm    | deg  |             |      |        |       |        |      |        |        |    |     |        |     |        |        |    |      |      |    |    |    |    |     |  |   |         |       |       |        |       |       |      |       |       |     |             |       |
| 1     | 2484.82                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 43.93       | 54.00  | -10.07 | 32.60  | 27.70  | 6.91   | 33.28  | 10.00 | 386  | 248 AVERAGE |      |        |       |        |      |        |        |    |     |        |     |        |        |    |      |      |    |    |    |    |     |  |   |         |       |       |        |       |       |      |       |       |     |             |       |

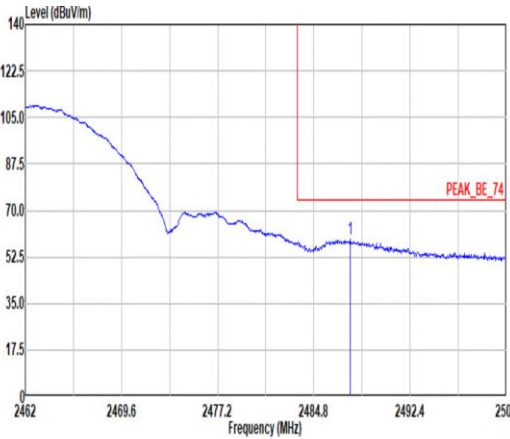
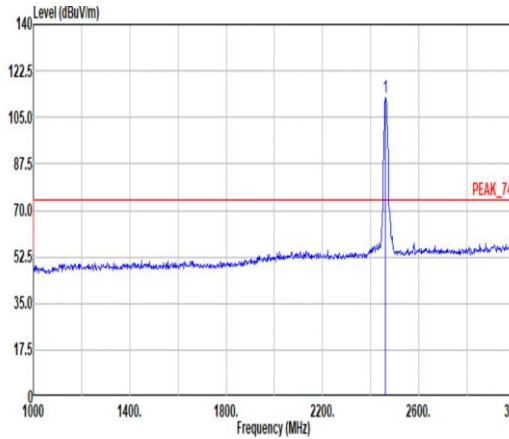
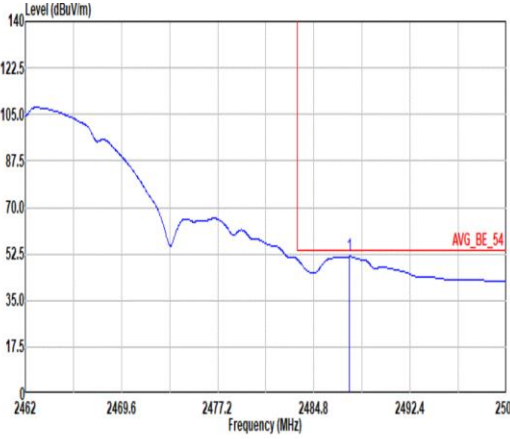
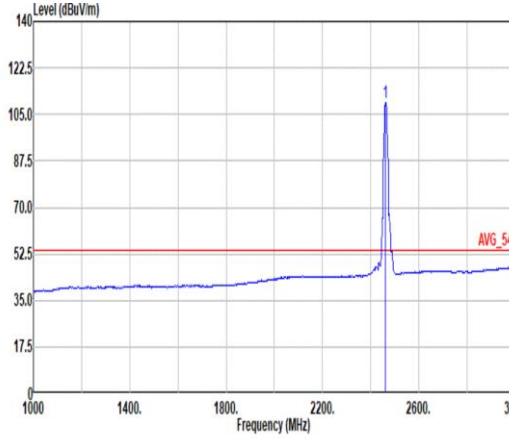


| Mode        | 13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |             |              |             |        |        |        |      |                 |        |        |      |       |             |              |             |        |        |  |  |  |     |        |        |    |      |    |    |    |    |     |           |       |       |        |       |       |       |       |      |              |           |       |       |       |       |       |       |       |      |                 |           |       |       |        |       |       |       |       |      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |        |  |  |  |     |        |        |    |      |    |    |    |    |     |           |       |       |        |       |       |       |       |      |             |           |       |       |       |       |       |       |       |      |                |           |       |       |        |       |       |       |       |      |            |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------|-------------|--------|--------|--------|------|-----------------|--------|--------|------|-------|-------------|--------------|-------------|--------|--------|--|--|--|-----|--------|--------|----|------|----|----|----|----|-----|-----------|-------|-------|--------|-------|-------|-------|-------|------|--------------|-----------|-------|-------|-------|-------|-------|-------|-------|------|-----------------|-----------|-------|-------|--------|-------|-------|-------|-------|------|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------|------|-----|-------|--------|-----|------|------|--------|------|-------|-------------|--------------|-------------|--------|--------|--|--|--|-----|--------|--------|----|------|----|----|----|----|-----|-----------|-------|-------|--------|-------|-------|-------|-------|------|-------------|-----------|-------|-------|-------|-------|-------|-------|-------|------|----------------|-----------|-------|-------|--------|-------|-------|-------|-------|------|------------|
|             | Harmonic                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |             |              |             |        |        |        |      |                 |        |        |      |       |             |              |             |        |        |  |  |  |     |        |        |    |      |    |    |    |    |     |           |       |       |        |       |       |       |       |      |              |           |       |       |       |       |       |       |       |      |                 |           |       |       |        |       |       |       |       |      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |        |  |  |  |     |        |        |    |      |    |    |    |    |     |           |       |       |        |       |       |       |       |      |             |           |       |       |       |       |       |       |       |      |                |           |       |       |        |       |       |       |       |      |            |
|             | 2400-2483.5_802.11b_CH06_2437MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |              |             |        |        |        |      |                 |        |        |      |       |             |              |             |        |        |  |  |  |     |        |        |    |      |    |    |    |    |     |           |       |       |        |       |       |       |       |      |              |           |       |       |       |       |       |       |       |      |                 |           |       |       |        |       |       |       |       |      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |        |  |  |  |     |        |        |    |      |    |    |    |    |     |           |       |       |        |       |       |       |       |      |             |           |       |       |       |       |       |       |       |      |                |           |       |       |        |       |       |       |       |      |            |
| ANT         | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |             |              |             |        |        |        |      |                 |        |        |      |       |             |              |             |        |        |  |  |  |     |        |        |    |      |    |    |    |    |     |           |       |       |        |       |       |       |       |      |              |           |       |       |       |       |       |       |       |      |                 |           |       |       |        |       |       |       |       |      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |        |  |  |  |     |        |        |    |      |    |    |    |    |     |           |       |       |        |       |       |       |       |      |             |           |       |       |       |       |       |       |       |      |                |           |       |       |        |       |       |       |       |      |            |
| Pol.        | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Vertical    |              |             |        |        |        |      |                 |        |        |      |       |             |              |             |        |        |  |  |  |     |        |        |    |      |    |    |    |    |     |           |       |       |        |       |       |       |       |      |              |           |       |       |       |       |       |       |       |      |                 |           |       |       |        |       |       |       |       |      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |        |  |  |  |     |        |        |    |      |    |    |    |    |     |           |       |       |        |       |       |       |       |      |             |           |       |       |       |       |       |       |       |      |                |           |       |       |        |       |       |       |       |      |            |
| Peak<br>Avg |  <p>Site : 03CH11-HY<br/>Condition: PEAK_74 3m 91280_01620_230817 HORIZONTAL</p> <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level Factor</th><th>Loss Factor</th><th>Factor</th><th>Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1 4874.00</td><td>53.00</td><td>74.00</td><td>-20.20</td><td>68.23</td><td>32.70</td><td>11.45</td><td>58.58</td><td>0.00</td><td>100 287 Peak</td></tr><tr><td>2 4874.00</td><td>51.88</td><td>54.00</td><td>-2.12</td><td>66.31</td><td>32.70</td><td>11.45</td><td>58.58</td><td>0.00</td><td>100 287 Average</td></tr><tr><td>3 7311.00</td><td>44.01</td><td>74.00</td><td>-29.99</td><td>50.61</td><td>36.86</td><td>14.58</td><td>58.99</td><td>0.95</td><td>-- -- Peak</td></tr></table> |             | Limit        | Read        | Ant    | Cable  | Preamp | Aux  | APos            | TPos   | Remark | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | Factor |  |  |  | MHz | dBuV/m | dBuV/m | dB | dB/m | dB | dB | dB | cm | deg | 1 4874.00 | 53.00 | 74.00 | -20.20 | 68.23 | 32.70 | 11.45 | 58.58 | 0.00 | 100 287 Peak | 2 4874.00 | 51.88 | 54.00 | -2.12 | 66.31 | 32.70 | 11.45 | 58.58 | 0.00 | 100 287 Average | 3 7311.00 | 44.01 | 74.00 | -29.99 | 50.61 | 36.86 | 14.58 | 58.99 | 0.95 | -- -- Peak |  <p>Site : 03CH11-HY<br/>Condition: PEAK_74 3m 91280_01620_230817 VERTICAL</p> <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level Factor</th><th>Loss Factor</th><th>Factor</th><th>Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1 4874.00</td><td>50.49</td><td>74.00</td><td>-23.51</td><td>64.92</td><td>32.70</td><td>11.45</td><td>58.58</td><td>0.00</td><td>387 69 Peak</td></tr><tr><td>2 4874.00</td><td>48.24</td><td>54.00</td><td>-5.76</td><td>62.67</td><td>32.70</td><td>11.45</td><td>58.58</td><td>0.00</td><td>387 69 Average</td></tr><tr><td>3 7311.00</td><td>44.37</td><td>74.00</td><td>-29.63</td><td>50.97</td><td>36.86</td><td>14.58</td><td>58.99</td><td>0.95</td><td>-- -- Peak</td></tr></table> |  | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | Freq | Level | Line Margin | Level Factor | Loss Factor | Factor | Factor |  |  |  | MHz | dBuV/m | dBuV/m | dB | dB/m | dB | dB | dB | cm | deg | 1 4874.00 | 50.49 | 74.00 | -23.51 | 64.92 | 32.70 | 11.45 | 58.58 | 0.00 | 387 69 Peak | 2 4874.00 | 48.24 | 54.00 | -5.76 | 62.67 | 32.70 | 11.45 | 58.58 | 0.00 | 387 69 Average | 3 7311.00 | 44.37 | 74.00 | -29.63 | 50.97 | 36.86 | 14.58 | 58.99 | 0.95 | -- -- Peak |
|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Limit       | Read         | Ant         | Cable  | Preamp | Aux    | APos | TPos            | Remark |        |      |       |             |              |             |        |        |  |  |  |     |        |        |    |      |    |    |    |    |     |           |       |       |        |       |       |       |       |      |              |           |       |       |       |       |       |       |       |      |                 |           |       |       |        |       |       |       |       |      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |        |  |  |  |     |        |        |    |      |    |    |    |    |     |           |       |       |        |       |       |       |       |      |             |           |       |       |       |       |       |       |       |      |                |           |       |       |        |       |       |       |       |      |            |
| Freq        | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Line Margin | Level Factor | Loss Factor | Factor | Factor |        |      |                 |        |        |      |       |             |              |             |        |        |  |  |  |     |        |        |    |      |    |    |    |    |     |           |       |       |        |       |       |       |       |      |              |           |       |       |       |       |       |       |       |      |                 |           |       |       |        |       |       |       |       |      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |        |  |  |  |     |        |        |    |      |    |    |    |    |     |           |       |       |        |       |       |       |       |      |             |           |       |       |       |       |       |       |       |      |                |           |       |       |        |       |       |       |       |      |            |
| MHz         | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | dBuV/m      | dB           | dB/m        | dB     | dB     | dB     | cm   | deg             |        |        |      |       |             |              |             |        |        |  |  |  |     |        |        |    |      |    |    |    |    |     |           |       |       |        |       |       |       |       |      |              |           |       |       |       |       |       |       |       |      |                 |           |       |       |        |       |       |       |       |      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |        |  |  |  |     |        |        |    |      |    |    |    |    |     |           |       |       |        |       |       |       |       |      |             |           |       |       |       |       |       |       |       |      |                |           |       |       |        |       |       |       |       |      |            |
| 1 4874.00   | 53.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 74.00       | -20.20       | 68.23       | 32.70  | 11.45  | 58.58  | 0.00 | 100 287 Peak    |        |        |      |       |             |              |             |        |        |  |  |  |     |        |        |    |      |    |    |    |    |     |           |       |       |        |       |       |       |       |      |              |           |       |       |       |       |       |       |       |      |                 |           |       |       |        |       |       |       |       |      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |        |  |  |  |     |        |        |    |      |    |    |    |    |     |           |       |       |        |       |       |       |       |      |             |           |       |       |       |       |       |       |       |      |                |           |       |       |        |       |       |       |       |      |            |
| 2 4874.00   | 51.88                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 54.00       | -2.12        | 66.31       | 32.70  | 11.45  | 58.58  | 0.00 | 100 287 Average |        |        |      |       |             |              |             |        |        |  |  |  |     |        |        |    |      |    |    |    |    |     |           |       |       |        |       |       |       |       |      |              |           |       |       |       |       |       |       |       |      |                 |           |       |       |        |       |       |       |       |      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |        |  |  |  |     |        |        |    |      |    |    |    |    |     |           |       |       |        |       |       |       |       |      |             |           |       |       |       |       |       |       |       |      |                |           |       |       |        |       |       |       |       |      |            |
| 3 7311.00   | 44.01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 74.00       | -29.99       | 50.61       | 36.86  | 14.58  | 58.99  | 0.95 | -- -- Peak      |        |        |      |       |             |              |             |        |        |  |  |  |     |        |        |    |      |    |    |    |    |     |           |       |       |        |       |       |       |       |      |              |           |       |       |       |       |       |       |       |      |                 |           |       |       |        |       |       |       |       |      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |        |  |  |  |     |        |        |    |      |    |    |    |    |     |           |       |       |        |       |       |       |       |      |             |           |       |       |       |       |       |       |       |      |                |           |       |       |        |       |       |       |       |      |            |
|             | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Read        | Ant          | Cable       | Preamp | Aux    | APos   | TPos | Remark          |        |        |      |       |             |              |             |        |        |  |  |  |     |        |        |    |      |    |    |    |    |     |           |       |       |        |       |       |       |       |      |              |           |       |       |       |       |       |       |       |      |                 |           |       |       |        |       |       |       |       |      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |        |  |  |  |     |        |        |    |      |    |    |    |    |     |           |       |       |        |       |       |       |       |      |             |           |       |       |       |       |       |       |       |      |                |           |       |       |        |       |       |       |       |      |            |
| Freq        | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Line Margin | Level Factor | Loss Factor | Factor | Factor |        |      |                 |        |        |      |       |             |              |             |        |        |  |  |  |     |        |        |    |      |    |    |    |    |     |           |       |       |        |       |       |       |       |      |              |           |       |       |       |       |       |       |       |      |                 |           |       |       |        |       |       |       |       |      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |        |  |  |  |     |        |        |    |      |    |    |    |    |     |           |       |       |        |       |       |       |       |      |             |           |       |       |       |       |       |       |       |      |                |           |       |       |        |       |       |       |       |      |            |
| MHz         | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | dBuV/m      | dB           | dB/m        | dB     | dB     | dB     | cm   | deg             |        |        |      |       |             |              |             |        |        |  |  |  |     |        |        |    |      |    |    |    |    |     |           |       |       |        |       |       |       |       |      |              |           |       |       |       |       |       |       |       |      |                 |           |       |       |        |       |       |       |       |      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |        |  |  |  |     |        |        |    |      |    |    |    |    |     |           |       |       |        |       |       |       |       |      |             |           |       |       |       |       |       |       |       |      |                |           |       |       |        |       |       |       |       |      |            |
| 1 4874.00   | 50.49                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 74.00       | -23.51       | 64.92       | 32.70  | 11.45  | 58.58  | 0.00 | 387 69 Peak     |        |        |      |       |             |              |             |        |        |  |  |  |     |        |        |    |      |    |    |    |    |     |           |       |       |        |       |       |       |       |      |              |           |       |       |       |       |       |       |       |      |                 |           |       |       |        |       |       |       |       |      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |        |  |  |  |     |        |        |    |      |    |    |    |    |     |           |       |       |        |       |       |       |       |      |             |           |       |       |       |       |       |       |       |      |                |           |       |       |        |       |       |       |       |      |            |
| 2 4874.00   | 48.24                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 54.00       | -5.76        | 62.67       | 32.70  | 11.45  | 58.58  | 0.00 | 387 69 Average  |        |        |      |       |             |              |             |        |        |  |  |  |     |        |        |    |      |    |    |    |    |     |           |       |       |        |       |       |       |       |      |              |           |       |       |       |       |       |       |       |      |                 |           |       |       |        |       |       |       |       |      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |        |  |  |  |     |        |        |    |      |    |    |    |    |     |           |       |       |        |       |       |       |       |      |             |           |       |       |       |       |       |       |       |      |                |           |       |       |        |       |       |       |       |      |            |
| 3 7311.00   | 44.37                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 74.00       | -29.63       | 50.97       | 36.86  | 14.58  | 58.99  | 0.95 | -- -- Peak      |        |        |      |       |             |              |             |        |        |  |  |  |     |        |        |    |      |    |    |    |    |     |           |       |       |        |       |       |       |       |      |              |           |       |       |       |       |       |       |       |      |                 |           |       |       |        |       |       |       |       |      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |        |        |  |  |  |     |        |        |    |      |    |    |    |    |     |           |       |       |        |       |       |       |       |      |             |           |       |       |       |       |       |       |       |      |                |           |       |       |        |       |       |       |       |      |            |

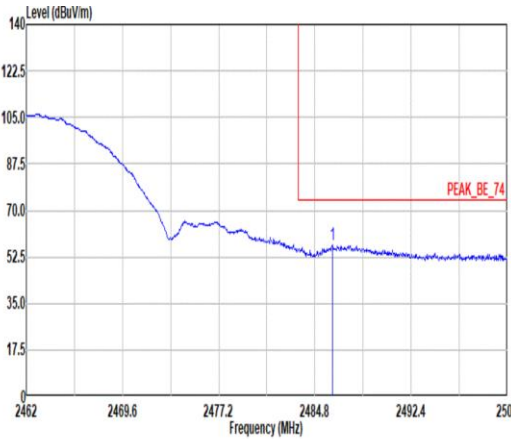
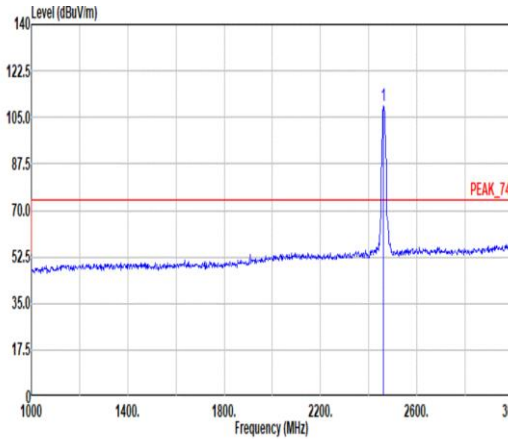
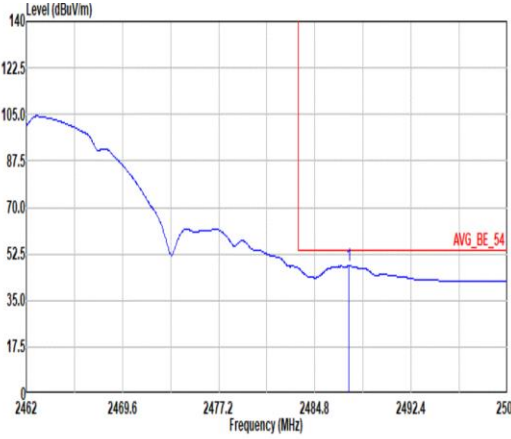
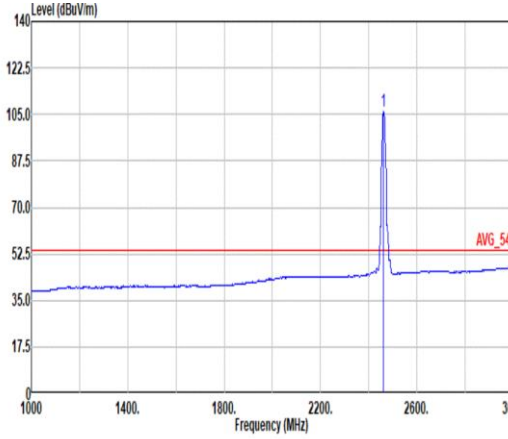


| Mode                    | 13                                                                                                                                                                 |                                                                                                                                                                   |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                         | Harmonic                                                                                                                                                           |                                                                                                                                                                   |
|                         | 2400-2483.5_802.11b_CH06_2437MHz                                                                                                                                   |                                                                                                                                                                   |
| ANT                     | 1                                                                                                                                                                  |                                                                                                                                                                   |
| Pol.                    | Horizontal                                                                                                                                                         | Vertical                                                                                                                                                          |
| 14.47G<br>~14.5G<br>Avg |  <p>Site : 03CH11-HY<br/>Condition: AVG_54 3m 91280_01620_230817 HORIZONTAL</p>  |  <p>Site : 03CH11-HY<br/>Condition: AVG_54 3m 91280_01620_230817 VERTICAL</p>  |
| 17.7G<br>~18G<br>Avg    |  <p>Site : 03CH11-HY<br/>Condition: AVG_54 3m 91280_01620_230817 HORIZONTAL</p> |  <p>Site : 03CH11-HY<br/>Condition: AVG_54 3m 91280_01620_230817 VERTICAL</p> |

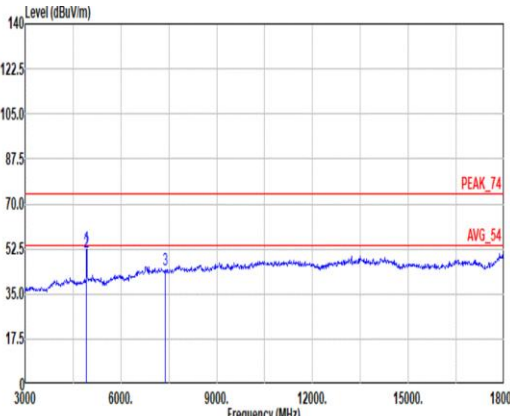
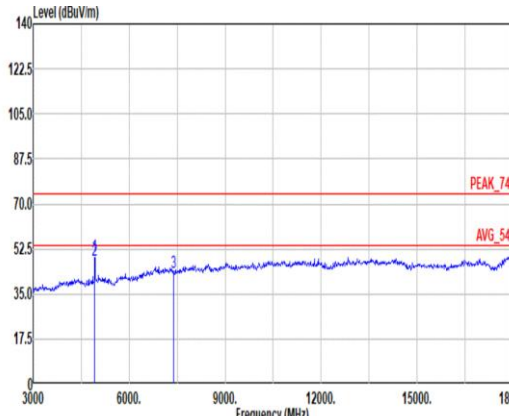


| Mode | 14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |             |              |             |             |        |                                                                                                                       |       |        |     |            |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |     |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |        |       |      |       |       |     |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------|-------------|-------------|--------|-----------------------------------------------------------------------------------------------------------------------|-------|--------|-----|------------|--------|-----|------|------|--|------|-------|-------------|--------------|-------------|-------------|--------|--|--|--------|--|-----|--------|--------|----|------|------|----|----|----|-----|---|---------|-------|-------|--------|-------|-------|------|-------|-------|-----|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|-------|------|-----|-------|--------|-----|------|------|--|------|-------|-------------|--------------|-------------|-------------|--------|--|--|--------|--|-----|--------|--------|----|------|------|----|----|----|-----|---|---------|--------|-------|-------|--------|-------|------|-------|-------|-----|
|      | Band Edge                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |             |              |             |             |        |                                                                                                                       |       |        |     |            |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |     |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |        |       |      |       |       |     |
|      | 2400-2483.5_802.11b_CH11_2462MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |             |              |             |             |        |                                                                                                                       |       |        |     |            |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |     |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |        |       |      |       |       |     |
| ANT  | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |             |              |             |             |        |                                                                                                                       |       |        |     |            |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |     |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |        |       |      |       |       |     |
| Pol. | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |             |              |             |             |        | Fundamental                                                                                                           |       |        |     |            |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |     |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |        |       |      |       |       |     |
| Peak |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |             |              |             |             |        |                                    |       |        |     |            |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |     |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |        |       |      |       |       |     |
|      | Site : 03CH11-HY<br>Condition: PEAK_BE_74 3m 91200_01620_230817 HORIZONTAL<br>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |             |              |             |             |        | Site : 03CH11-HY<br>Condition: PEAK_74 3m 91200_01620_230817 HORIZONTAL<br>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto |       |        |     |            |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |     |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |        |       |      |       |       |     |
|      | <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level Factor</th><th>Loss Factor</th><th>Loss Factor</th><th>Factor</th><th></th><th></th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2487.69</td><td>59.26</td><td>74.00</td><td>-14.74</td><td>47.92</td><td>27.70</td><td>6.92</td><td>33.28</td><td>10.00</td><td>130</td><td>35 PEAK</td></tr></table>   |             |              |             |             |        |                                                                                                                       | Limit | Read   | Ant | Cable      | Preamp | Aux | APos | TPos |  | Freq | Level | Line Margin | Level Factor | Loss Factor | Loss Factor | Factor |  |  | Remark |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 2487.69 | 59.26 | 74.00 | -14.74 | 47.92 | 27.70 | 6.92 | 33.28 | 10.00 | 130 | 35 PEAK    | <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level Factor</th><th>Loss Factor</th><th>Loss Factor</th><th>Factor</th><th></th><th></th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2462.00</td><td>112.42</td><td>-----</td><td>-----</td><td>101.31</td><td>27.52</td><td>6.88</td><td>33.29</td><td>10.00</td><td>130</td><td>35 PEAK</td></tr></table>   |  |  |  |  |  |  | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos |  | Freq | Level | Line Margin | Level Factor | Loss Factor | Loss Factor | Factor |  |  | Remark |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 2462.00 | 112.42 | ----- | ----- | 101.31 | 27.52 | 6.88 | 33.29 | 10.00 | 130 |
|      | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Read        | Ant          | Cable       | Preamp      | Aux    | APos                                                                                                                  | TPos  |        |     |            |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |     |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |        |       |      |       |       |     |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Line Margin | Level Factor | Loss Factor | Loss Factor | Factor |                                                                                                                       |       | Remark |     |            |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |     |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |        |       |      |       |       |     |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | dBuV/m      | dBuV/m       | dB          | dBuV        | dB/m   | dB                                                                                                                    | dB    | cm     | deg |            |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |     |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |        |       |      |       |       |     |
| 1    | 2487.69                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 59.26       | 74.00        | -14.74      | 47.92       | 27.70  | 6.92                                                                                                                  | 33.28 | 10.00  | 130 | 35 PEAK    |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |     |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |        |       |      |       |       |     |
|      | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Read        | Ant          | Cable       | Preamp      | Aux    | APos                                                                                                                  | TPos  |        |     |            |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |     |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |        |       |      |       |       |     |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Line Margin | Level Factor | Loss Factor | Loss Factor | Factor |                                                                                                                       |       | Remark |     |            |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |     |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |        |       |      |       |       |     |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | dBuV/m      | dBuV/m       | dB          | dBuV        | dB/m   | dB                                                                                                                    | dB    | cm     | deg |            |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |     |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |        |       |      |       |       |     |
| 1    | 2462.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 112.42      | -----        | -----       | 101.31      | 27.52  | 6.88                                                                                                                  | 33.29 | 10.00  | 130 | 35 PEAK    |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |     |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |        |       |      |       |       |     |
| Avg  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |             |              |             |             |        |                                   |       |        |     |            |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |     |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |        |       |      |       |       |     |
|      | Site : 03CH11-HY<br>Condition: AVG_BE_54 3m 91200_01620_230817 HORIZONTAL<br>: RBW:1000.000kHz VBW:0.010kHz SWT:Auto                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |              |             |             |        | Site : 03CH11-HY<br>Condition: AVG_54 3m 91200_01620_230817 HORIZONTAL<br>: RBW:1000.000kHz VBW:0.010kHz SWT:Auto     |       |        |     |            |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |     |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |        |       |      |       |       |     |
|      | <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level Factor</th><th>Loss Factor</th><th>Loss Factor</th><th>Factor</th><th></th><th></th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2487.61</td><td>51.55</td><td>54.00</td><td>-2.45</td><td>40.21</td><td>27.70</td><td>6.92</td><td>33.28</td><td>10.00</td><td>130</td><td>35 AVERAGE</td></tr></table> |             |              |             |             |        |                                                                                                                       | Limit | Read   | Ant | Cable      | Preamp | Aux | APos | TPos |  | Freq | Level | Line Margin | Level Factor | Loss Factor | Loss Factor | Factor |  |  | Remark |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 2487.61 | 51.55 | 54.00 | -2.45  | 40.21 | 27.70 | 6.92 | 33.28 | 10.00 | 130 | 35 AVERAGE | <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level Factor</th><th>Loss Factor</th><th>Loss Factor</th><th>Factor</th><th></th><th></th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2462.00</td><td>109.31</td><td>-----</td><td>-----</td><td>98.20</td><td>27.52</td><td>6.88</td><td>33.29</td><td>10.00</td><td>130</td><td>35 AVERAGE</td></tr></table> |  |  |  |  |  |  | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos |  | Freq | Level | Line Margin | Level Factor | Loss Factor | Loss Factor | Factor |  |  | Remark |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 2462.00 | 109.31 | ----- | ----- | 98.20  | 27.52 | 6.88 | 33.29 | 10.00 | 130 |
|      | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Read        | Ant          | Cable       | Preamp      | Aux    | APos                                                                                                                  | TPos  |        |     |            |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |     |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |        |       |      |       |       |     |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Line Margin | Level Factor | Loss Factor | Loss Factor | Factor |                                                                                                                       |       | Remark |     |            |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |     |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |        |       |      |       |       |     |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | dBuV/m      | dBuV/m       | dB          | dBuV        | dB/m   | dB                                                                                                                    | dB    | cm     | deg |            |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |     |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |        |       |      |       |       |     |
| 1    | 2487.61                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 51.55       | 54.00        | -2.45       | 40.21       | 27.70  | 6.92                                                                                                                  | 33.28 | 10.00  | 130 | 35 AVERAGE |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |     |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |        |       |      |       |       |     |
|      | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Read        | Ant          | Cable       | Preamp      | Aux    | APos                                                                                                                  | TPos  |        |     |            |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |     |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |        |       |      |       |       |     |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Line Margin | Level Factor | Loss Factor | Loss Factor | Factor |                                                                                                                       |       | Remark |     |            |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |     |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |        |       |      |       |       |     |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | dBuV/m      | dBuV/m       | dB          | dBuV        | dB/m   | dB                                                                                                                    | dB    | cm     | deg |            |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |     |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |        |       |      |       |       |     |
| 1    | 2462.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 109.31      | -----        | -----       | 98.20       | 27.52  | 6.88                                                                                                                  | 33.29 | 10.00  | 130 | 35 AVERAGE |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |     |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |  |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |        |       |      |       |       |     |



|      | 14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |             |              |             |             |        |        |       |        |      |     |         |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |       |     |     |         |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------|-------------|-------------|--------|--------|-------|--------|------|-----|---------|-------|-------------|--------------|-------------|-------------|--------|--|--|--------|--|-----|--------|--------|----|------|------|----|----|----|-----|---|---------|-------|-------|--------|-------|-------|------|-------|-------|-----|-----|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------|------|-----|-------|--------|-----|------|------|--|------|-------|-------------|--------------|-------------|-------------|--------|--|--|--------|--|-----|--------|--------|----|------|------|----|----|----|-----|---|---------|--------|-------|-------|-------|-------|------|-------|-------|-----|-----|---------|
| Mode | Band Edge                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |             |              |             |             |        |        |       |        |      |     |         |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |       |     |     |         |
|      | 2400-2483.5_802.11b_CH11_2462MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |             |              |             |             |        |        |       |        |      |     |         |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |       |     |     |         |
| ANT  | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |             |              |             |             |        |        |       |        |      |     |         |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |       |     |     |         |
| Pol. | Vertical                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Fundamental |              |             |             |        |        |       |        |      |     |         |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |       |     |     |         |
| Peak | <div><p>Site : 03CH11-HY<br/>Condition: PEAK_BE_74 3m 91200_01620_230817 VERTICAL<br/>: RBW:1000.000kHz VBW:3000.000kHz SMT:Auto</p><table><thead><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level Factor</th><th>Loss Factor</th><th>Loss Factor</th><th>Factor</th><th></th><th></th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr></thead><tbody><tr><td>1</td><td>2486.21</td><td>56.93</td><td>74.00</td><td>-17.07</td><td>45.60</td><td>27.70</td><td>6.91</td><td>33.28</td><td>10.00</td><td>380</td><td>192</td><td>PEAK</td></tr></tbody></table></div> |             | Limit        | Read        | Ant         | Cable  | Preamp | Aux   | APos   | TPos |     | Freq    | Level | Line Margin | Level Factor | Loss Factor | Loss Factor | Factor |  |  | Remark |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 2486.21 | 56.93 | 74.00 | -17.07 | 45.60 | 27.70 | 6.91 | 33.28 | 10.00 | 380 | 192 | PEAK    | <div><p>Site : 03CH11-HY<br/>Condition: PEAK_74 3m 91200_01620_230817 VERTICAL<br/>: RBW:1000.000kHz VBW:3000.000kHz SMT:Auto</p><table><thead><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level Factor</th><th>Loss Factor</th><th>Loss Factor</th><th>Factor</th><th></th><th></th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr></thead><tbody><tr><td>1</td><td>2462.00</td><td>109.17</td><td>-----</td><td>-----</td><td>98.06</td><td>27.52</td><td>6.88</td><td>33.29</td><td>10.00</td><td>380</td><td>192</td><td>PEAK</td></tr></tbody></table></div> |  | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos |  | Freq | Level | Line Margin | Level Factor | Loss Factor | Loss Factor | Factor |  |  | Remark |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 2462.00 | 109.17 | ----- | ----- | 98.06 | 27.52 | 6.88 | 33.29 | 10.00 | 380 | 192 | PEAK    |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Limit       | Read         | Ant         | Cable       | Preamp | Aux    | APos  | TPos   |      |     |         |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |       |     |     |         |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Line Margin | Level Factor | Loss Factor | Loss Factor | Factor |        |       | Remark |      |     |         |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |       |     |     |         |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | dBuV/m      | dBuV/m       | dB          | dBuV        | dB/m   | dB     | dB    | cm     | deg  |     |         |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |       |     |     |         |
| 1    | 2486.21                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 56.93       | 74.00        | -17.07      | 45.60       | 27.70  | 6.91   | 33.28 | 10.00  | 380  | 192 | PEAK    |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |       |     |     |         |
|      | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Read        | Ant          | Cable       | Preamp      | Aux    | APos   | TPos  |        |      |     |         |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |       |     |     |         |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Line Margin | Level Factor | Loss Factor | Loss Factor | Factor |        |       | Remark |      |     |         |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |       |     |     |         |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | dBuV/m      | dBuV/m       | dB          | dBuV        | dB/m   | dB     | dB    | cm     | deg  |     |         |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |       |     |     |         |
| 1    | 2462.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 109.17      | -----        | -----       | 98.06       | 27.52  | 6.88   | 33.29 | 10.00  | 380  | 192 | PEAK    |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |       |     |     |         |
| Avg  | <div><p>Site : 03CH11-HY<br/>Condition: AVG_BE_54 3m 91200_01620_230817 VERTICAL<br/>: RBW:1000.000kHz VBW:0.010kHz SMT:Auto</p><table><thead><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level Factor</th><th>Loss Factor</th><th>Loss Factor</th><th>Factor</th><th></th><th></th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr></thead><tbody><tr><td>1</td><td>2487.50</td><td>47.90</td><td>54.00</td><td>-6.10</td><td>36.56</td><td>27.70</td><td>6.92</td><td>33.28</td><td>10.00</td><td>380</td><td>192</td><td>AVERAGE</td></tr></tbody></table></div>  |             | Limit        | Read        | Ant         | Cable  | Preamp | Aux   | APos   | TPos |     | Freq    | Level | Line Margin | Level Factor | Loss Factor | Loss Factor | Factor |  |  | Remark |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 2487.50 | 47.90 | 54.00 | -6.10  | 36.56 | 27.70 | 6.92 | 33.28 | 10.00 | 380 | 192 | AVERAGE | <div><p>Site : 03CH11-HY<br/>Condition: AVG_54 3m 91200_01620_230817 VERTICAL<br/>: RBW:1000.000kHz VBW:0.010kHz SMT:Auto</p><table><thead><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level Factor</th><th>Loss Factor</th><th>Loss Factor</th><th>Factor</th><th></th><th></th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr></thead><tbody><tr><td>1</td><td>2462.00</td><td>106.06</td><td>-----</td><td>-----</td><td>94.95</td><td>27.52</td><td>6.88</td><td>33.29</td><td>10.00</td><td>380</td><td>192</td><td>AVERAGE</td></tr></tbody></table></div> |  | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos |  | Freq | Level | Line Margin | Level Factor | Loss Factor | Loss Factor | Factor |  |  | Remark |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 2462.00 | 106.06 | ----- | ----- | 94.95 | 27.52 | 6.88 | 33.29 | 10.00 | 380 | 192 | AVERAGE |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Limit       | Read         | Ant         | Cable       | Preamp | Aux    | APos  | TPos   |      |     |         |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |       |     |     |         |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Line Margin | Level Factor | Loss Factor | Loss Factor | Factor |        |       | Remark |      |     |         |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |       |     |     |         |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | dBuV/m      | dBuV/m       | dB          | dBuV        | dB/m   | dB     | dB    | cm     | deg  |     |         |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |       |     |     |         |
| 1    | 2487.50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 47.90       | 54.00        | -6.10       | 36.56       | 27.70  | 6.92   | 33.28 | 10.00  | 380  | 192 | AVERAGE |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |       |     |     |         |
|      | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Read        | Ant          | Cable       | Preamp      | Aux    | APos   | TPos  |        |      |     |         |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |       |     |     |         |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Line Margin | Level Factor | Loss Factor | Loss Factor | Factor |        |       | Remark |      |     |         |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |       |     |     |         |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | dBuV/m      | dBuV/m       | dB          | dBuV        | dB/m   | dB     | dB    | cm     | deg  |     |         |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |       |     |     |         |
| 1    | 2462.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 106.06      | -----        | -----       | 94.95       | 27.52  | 6.88   | 33.29 | 10.00  | 380  | 192 | AVERAGE |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |      |       |       |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |       |      |     |       |        |     |      |      |  |      |       |             |              |             |             |        |  |  |        |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |      |       |       |     |     |         |



| Mode        | 14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |              |       |        |             |        |        |      |            |      |  |      |       |             |       |        |             |        |  |  |        |     |        |        |    |      |    |    |    |    |     |           |       |              |       |       |       |       |      |     |         |           |       |             |       |       |       |       |      |     |            |           |       |              |       |       |       |       |      |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |       |      |     |       |        |     |      |      |  |      |       |             |       |        |             |        |  |  |        |     |        |        |    |      |    |    |    |    |     |           |       |              |       |       |       |       |      |     |         |           |       |             |       |       |       |       |      |     |            |           |       |              |       |       |       |       |      |    |         |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-------|--------|-------------|--------|--------|------|------------|------|--|------|-------|-------------|-------|--------|-------------|--------|--|--|--------|-----|--------|--------|----|------|----|----|----|----|-----|-----------|-------|--------------|-------|-------|-------|-------|------|-----|---------|-----------|-------|-------------|-------|-------|-------|-------|------|-----|------------|-----------|-------|--------------|-------|-------|-------|-------|------|----|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------|------|-----|-------|--------|-----|------|------|--|------|-------|-------------|-------|--------|-------------|--------|--|--|--------|-----|--------|--------|----|------|----|----|----|----|-----|-----------|-------|--------------|-------|-------|-------|-------|------|-----|---------|-----------|-------|-------------|-------|-------|-------|-------|------|-----|------------|-----------|-------|--------------|-------|-------|-------|-------|------|----|---------|
|             | Harmonic                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |              |       |        |             |        |        |      |            |      |  |      |       |             |       |        |             |        |  |  |        |     |        |        |    |      |    |    |    |    |     |           |       |              |       |       |       |       |      |     |         |           |       |             |       |       |       |       |      |     |            |           |       |              |       |       |       |       |      |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |       |      |     |       |        |     |      |      |  |      |       |             |       |        |             |        |  |  |        |     |        |        |    |      |    |    |    |    |     |           |       |              |       |       |       |       |      |     |         |           |       |             |       |       |       |       |      |     |            |           |       |              |       |       |       |       |      |    |         |
|             | 2400-2483.5_802.11b_CH11_2462MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |              |       |        |             |        |        |      |            |      |  |      |       |             |       |        |             |        |  |  |        |     |        |        |    |      |    |    |    |    |     |           |       |              |       |       |       |       |      |     |         |           |       |             |       |       |       |       |      |     |            |           |       |              |       |       |       |       |      |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |       |      |     |       |        |     |      |      |  |      |       |             |       |        |             |        |  |  |        |     |        |        |    |      |    |    |    |    |     |           |       |              |       |       |       |       |      |     |         |           |       |             |       |       |       |       |      |     |            |           |       |              |       |       |       |       |      |    |         |
| ANT         | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |              |       |        |             |        |        |      |            |      |  |      |       |             |       |        |             |        |  |  |        |     |        |        |    |      |    |    |    |    |     |           |       |              |       |       |       |       |      |     |         |           |       |             |       |       |       |       |      |     |            |           |       |              |       |       |       |       |      |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |       |      |     |       |        |     |      |      |  |      |       |             |       |        |             |        |  |  |        |     |        |        |    |      |    |    |    |    |     |           |       |              |       |       |       |       |      |     |         |           |       |             |       |       |       |       |      |     |            |           |       |              |       |       |       |       |      |    |         |
| Pol.        | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Vertical     |       |        |             |        |        |      |            |      |  |      |       |             |       |        |             |        |  |  |        |     |        |        |    |      |    |    |    |    |     |           |       |              |       |       |       |       |      |     |         |           |       |             |       |       |       |       |      |     |            |           |       |              |       |       |       |       |      |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |       |      |     |       |        |     |      |      |  |      |       |             |       |        |             |        |  |  |        |     |        |        |    |      |    |    |    |    |     |           |       |              |       |       |       |       |      |     |         |           |       |             |       |       |       |       |      |     |            |           |       |              |       |       |       |       |      |    |         |
| Peak<br>Avg | <div><p>Site : 03CH11-HY<br/>Condition: PEAK_74 3m 91280_01620_230817 HORIZONTAL</p><table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level</th><th>Factor</th><th>Loss Factor</th><th>Factor</th><th></th><th></th><th>Remark</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1 4924.00</td><td>53.04</td><td>74.00 -20.96</td><td>67.29</td><td>32.84</td><td>11.53</td><td>58.62</td><td>0.00</td><td>122</td><td>54 Peak</td></tr><tr><td>2 4924.00</td><td>51.29</td><td>54.00 -2.71</td><td>65.54</td><td>32.84</td><td>11.53</td><td>58.62</td><td>0.00</td><td>122</td><td>54 Average</td></tr><tr><td>3 7386.00</td><td>44.31</td><td>74.00 -29.69</td><td>51.22</td><td>36.48</td><td>14.61</td><td>58.94</td><td>0.94</td><td>--</td><td>-- Peak</td></tr></table></div> |              | Limit | Read   | Ant         | Cable  | Preamp | Aux  | APos       | TPos |  | Freq | Level | Line Margin | Level | Factor | Loss Factor | Factor |  |  | Remark | MHz | dBuV/m | dBuV/m | dB | dB/m | dB | dB | dB | cm | deg | 1 4924.00 | 53.04 | 74.00 -20.96 | 67.29 | 32.84 | 11.53 | 58.62 | 0.00 | 122 | 54 Peak | 2 4924.00 | 51.29 | 54.00 -2.71 | 65.54 | 32.84 | 11.53 | 58.62 | 0.00 | 122 | 54 Average | 3 7386.00 | 44.31 | 74.00 -29.69 | 51.22 | 36.48 | 14.61 | 58.94 | 0.94 | -- | -- Peak | <div><p>Site : 03CH11-HY<br/>Condition: PEAK_74 3m 91280_01620_230817 VERTICAL</p><table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level</th><th>Factor</th><th>Loss Factor</th><th>Factor</th><th></th><th></th><th>Remark</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1 4924.00</td><td>49.00</td><td>74.00 -24.20</td><td>64.05</td><td>32.84</td><td>11.53</td><td>58.62</td><td>0.00</td><td>375</td><td>79 Peak</td></tr><tr><td>2 4924.00</td><td>47.83</td><td>54.00 -6.17</td><td>62.08</td><td>32.84</td><td>11.53</td><td>58.62</td><td>0.00</td><td>375</td><td>79 Average</td></tr><tr><td>3 7386.00</td><td>43.22</td><td>74.00 -30.78</td><td>50.13</td><td>36.48</td><td>14.61</td><td>58.94</td><td>0.94</td><td>--</td><td>-- Peak</td></tr></table></div> |  | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos |  | Freq | Level | Line Margin | Level | Factor | Loss Factor | Factor |  |  | Remark | MHz | dBuV/m | dBuV/m | dB | dB/m | dB | dB | dB | cm | deg | 1 4924.00 | 49.00 | 74.00 -24.20 | 64.05 | 32.84 | 11.53 | 58.62 | 0.00 | 375 | 79 Peak | 2 4924.00 | 47.83 | 54.00 -6.17 | 62.08 | 32.84 | 11.53 | 58.62 | 0.00 | 375 | 79 Average | 3 7386.00 | 43.22 | 74.00 -30.78 | 50.13 | 36.48 | 14.61 | 58.94 | 0.94 | -- | -- Peak |
|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Limit        | Read  | Ant    | Cable       | Preamp | Aux    | APos | TPos       |      |  |      |       |             |       |        |             |        |  |  |        |     |        |        |    |      |    |    |    |    |     |           |       |              |       |       |       |       |      |     |         |           |       |             |       |       |       |       |      |     |            |           |       |              |       |       |       |       |      |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |       |      |     |       |        |     |      |      |  |      |       |             |       |        |             |        |  |  |        |     |        |        |    |      |    |    |    |    |     |           |       |              |       |       |       |       |      |     |         |           |       |             |       |       |       |       |      |     |            |           |       |              |       |       |       |       |      |    |         |
| Freq        | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Line Margin  | Level | Factor | Loss Factor | Factor |        |      | Remark     |      |  |      |       |             |       |        |             |        |  |  |        |     |        |        |    |      |    |    |    |    |     |           |       |              |       |       |       |       |      |     |         |           |       |             |       |       |       |       |      |     |            |           |       |              |       |       |       |       |      |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |       |      |     |       |        |     |      |      |  |      |       |             |       |        |             |        |  |  |        |     |        |        |    |      |    |    |    |    |     |           |       |              |       |       |       |       |      |     |         |           |       |             |       |       |       |       |      |     |            |           |       |              |       |       |       |       |      |    |         |
| MHz         | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | dBuV/m       | dB    | dB/m   | dB          | dB     | dB     | cm   | deg        |      |  |      |       |             |       |        |             |        |  |  |        |     |        |        |    |      |    |    |    |    |     |           |       |              |       |       |       |       |      |     |         |           |       |             |       |       |       |       |      |     |            |           |       |              |       |       |       |       |      |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |       |      |     |       |        |     |      |      |  |      |       |             |       |        |             |        |  |  |        |     |        |        |    |      |    |    |    |    |     |           |       |              |       |       |       |       |      |     |         |           |       |             |       |       |       |       |      |     |            |           |       |              |       |       |       |       |      |    |         |
| 1 4924.00   | 53.04                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 74.00 -20.96 | 67.29 | 32.84  | 11.53       | 58.62  | 0.00   | 122  | 54 Peak    |      |  |      |       |             |       |        |             |        |  |  |        |     |        |        |    |      |    |    |    |    |     |           |       |              |       |       |       |       |      |     |         |           |       |             |       |       |       |       |      |     |            |           |       |              |       |       |       |       |      |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |       |      |     |       |        |     |      |      |  |      |       |             |       |        |             |        |  |  |        |     |        |        |    |      |    |    |    |    |     |           |       |              |       |       |       |       |      |     |         |           |       |             |       |       |       |       |      |     |            |           |       |              |       |       |       |       |      |    |         |
| 2 4924.00   | 51.29                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 54.00 -2.71  | 65.54 | 32.84  | 11.53       | 58.62  | 0.00   | 122  | 54 Average |      |  |      |       |             |       |        |             |        |  |  |        |     |        |        |    |      |    |    |    |    |     |           |       |              |       |       |       |       |      |     |         |           |       |             |       |       |       |       |      |     |            |           |       |              |       |       |       |       |      |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |       |      |     |       |        |     |      |      |  |      |       |             |       |        |             |        |  |  |        |     |        |        |    |      |    |    |    |    |     |           |       |              |       |       |       |       |      |     |         |           |       |             |       |       |       |       |      |     |            |           |       |              |       |       |       |       |      |    |         |
| 3 7386.00   | 44.31                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 74.00 -29.69 | 51.22 | 36.48  | 14.61       | 58.94  | 0.94   | --   | -- Peak    |      |  |      |       |             |       |        |             |        |  |  |        |     |        |        |    |      |    |    |    |    |     |           |       |              |       |       |       |       |      |     |         |           |       |             |       |       |       |       |      |     |            |           |       |              |       |       |       |       |      |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |       |      |     |       |        |     |      |      |  |      |       |             |       |        |             |        |  |  |        |     |        |        |    |      |    |    |    |    |     |           |       |              |       |       |       |       |      |     |         |           |       |             |       |       |       |       |      |     |            |           |       |              |       |       |       |       |      |    |         |
|             | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Read         | Ant   | Cable  | Preamp      | Aux    | APos   | TPos |            |      |  |      |       |             |       |        |             |        |  |  |        |     |        |        |    |      |    |    |    |    |     |           |       |              |       |       |       |       |      |     |         |           |       |             |       |       |       |       |      |     |            |           |       |              |       |       |       |       |      |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |       |      |     |       |        |     |      |      |  |      |       |             |       |        |             |        |  |  |        |     |        |        |    |      |    |    |    |    |     |           |       |              |       |       |       |       |      |     |         |           |       |             |       |       |       |       |      |     |            |           |       |              |       |       |       |       |      |    |         |
| Freq        | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Line Margin  | Level | Factor | Loss Factor | Factor |        |      | Remark     |      |  |      |       |             |       |        |             |        |  |  |        |     |        |        |    |      |    |    |    |    |     |           |       |              |       |       |       |       |      |     |         |           |       |             |       |       |       |       |      |     |            |           |       |              |       |       |       |       |      |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |       |      |     |       |        |     |      |      |  |      |       |             |       |        |             |        |  |  |        |     |        |        |    |      |    |    |    |    |     |           |       |              |       |       |       |       |      |     |         |           |       |             |       |       |       |       |      |     |            |           |       |              |       |       |       |       |      |    |         |
| MHz         | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | dBuV/m       | dB    | dB/m   | dB          | dB     | dB     | cm   | deg        |      |  |      |       |             |       |        |             |        |  |  |        |     |        |        |    |      |    |    |    |    |     |           |       |              |       |       |       |       |      |     |         |           |       |             |       |       |       |       |      |     |            |           |       |              |       |       |       |       |      |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |       |      |     |       |        |     |      |      |  |      |       |             |       |        |             |        |  |  |        |     |        |        |    |      |    |    |    |    |     |           |       |              |       |       |       |       |      |     |         |           |       |             |       |       |       |       |      |     |            |           |       |              |       |       |       |       |      |    |         |
| 1 4924.00   | 49.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 74.00 -24.20 | 64.05 | 32.84  | 11.53       | 58.62  | 0.00   | 375  | 79 Peak    |      |  |      |       |             |       |        |             |        |  |  |        |     |        |        |    |      |    |    |    |    |     |           |       |              |       |       |       |       |      |     |         |           |       |             |       |       |       |       |      |     |            |           |       |              |       |       |       |       |      |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |       |      |     |       |        |     |      |      |  |      |       |             |       |        |             |        |  |  |        |     |        |        |    |      |    |    |    |    |     |           |       |              |       |       |       |       |      |     |         |           |       |             |       |       |       |       |      |     |            |           |       |              |       |       |       |       |      |    |         |
| 2 4924.00   | 47.83                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 54.00 -6.17  | 62.08 | 32.84  | 11.53       | 58.62  | 0.00   | 375  | 79 Average |      |  |      |       |             |       |        |             |        |  |  |        |     |        |        |    |      |    |    |    |    |     |           |       |              |       |       |       |       |      |     |         |           |       |             |       |       |       |       |      |     |            |           |       |              |       |       |       |       |      |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |       |      |     |       |        |     |      |      |  |      |       |             |       |        |             |        |  |  |        |     |        |        |    |      |    |    |    |    |     |           |       |              |       |       |       |       |      |     |         |           |       |             |       |       |       |       |      |     |            |           |       |              |       |       |       |       |      |    |         |
| 3 7386.00   | 43.22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 74.00 -30.78 | 50.13 | 36.48  | 14.61       | 58.94  | 0.94   | --   | -- Peak    |      |  |      |       |             |       |        |             |        |  |  |        |     |        |        |    |      |    |    |    |    |     |           |       |              |       |       |       |       |      |     |         |           |       |             |       |       |       |       |      |     |            |           |       |              |       |       |       |       |      |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |       |      |     |       |        |     |      |      |  |      |       |             |       |        |             |        |  |  |        |     |        |        |    |      |    |    |    |    |     |           |       |              |       |       |       |       |      |     |         |           |       |             |       |       |       |       |      |     |            |           |       |              |       |       |       |       |      |    |         |