



# 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 E §15.407

The product was received on Jul. 17, 2024 and testing was performed from Jul. 29, 2024 to Aug. 26, 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.

Louis Wu

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    |
|------------|---------|-------------------------------------------------------------------------------------------------------------------------------|---------------|
| FR471715D  | 01      | Initial issue of report                                                                                                       | Sep. 09, 2024 |
| FR471715D  | 02      | Revise Antenna information and Appendix A<br>This report is an updated version, replacing the report issued on Sep. 09, 2024. | Sep. 12, 2024 |
|            |         |                                                                                                                               |               |
|            |         |                                                                                                                               |               |
|            |         |                                                                                                                               |               |
|            |         |                                                                                                                               |               |
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|            |         |                                                                                                                               |               |
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|            |         |                                                                                                                               |               |
|            |         |                                                                                                                               |               |
|            |         |                                                                                                                               |               |

## Summary of Test Result

| Report Clause | Ref Std. Clause | Test Items                     | Result (PASS/FAIL) | Remark                                 |
|---------------|-----------------|--------------------------------|--------------------|----------------------------------------|
| 3.1           | 15.403(i)       | 26dB Bandwidth                 | Pass               | -                                      |
| 3.1           | 2.1049          | 99% Occupied Bandwidth         | Pass               | -                                      |
| 3.2           | 15.407(a)       | Maximum Conducted Output Power | Pass               | -                                      |
| 3.3           | 15.407(a)       | Power Spectral Density         | Pass               | -                                      |
| 3.4           | 15.407(b)       | Unwanted Emissions             | Pass               | 2.32 dB under the limit at 5350.01 MHz |
| 3.5           | 15.207          | AC Conducted Emission          | Pass               | 14.55 dB under the limit at 0.38 MHz   |
| 3.6           | 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: Michelle 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                                                                                              |                 |      |
| 5150 MHz ~ 5250 MHz                                                                                              | Peak Gain (dBi) | 0.69 |
| 5250 MHz ~ 5350 MHz                                                                                              | Peak Gain (dBi) | 0.69 |
| 5470 MHz ~ 5725 MHz                                                                                              | Peak Gain (dBi) | 0.91 |

**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                                                                              |
| <b>CPU</b>              | G80 (MT8786) WiFi only                                                                                    | G80 (MT8786) WiFi only                                                                                    |
| <b>PCB</b>              | Wuzhu                                                                                                     | Wuzhu                                                                                                     |
| <b>PCB 2</b>            | Kingshine                                                                                                 | Kingshine                                                                                                 |
| <b>LCM</b>              | K&D KD110N09-51II-A002                                                                                    | K&D KD110N09-51II-A002                                                                                    |
| <b>LCM 2</b>            | STARRY 2082109QFH036011-50G                                                                               | STARRY 2082109QFH036011-50G                                                                               |
| <b>Memory</b>           | Longsys MLXC4006G 6GB LPDDR4X                                                                             | CXMT CXDBCCCDM-MK-M                                                                                       |
| <b>eMMC</b>             | Longsys FEMDNN256G 256GB                                                                                  | Shichuangyi (SCY) E256CSAG4ABE00 256GB                                                                    |
| <b>Battery</b>          | UTL\Battery\Li-polymer\Pack\MG1011\U318991PV-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\Connector 51146-5P\ACER |
| <b>Wifi / Bluetooth</b> | 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)                                                               |
| <b>GPS</b>              | MT6631N/A, GPS BEIDOU, GLONASS, Galileo                                                                   | MT6631N/A, GPS BEIDOU, GLONASS, Galileo                                                                   |
| <b>Front Camera</b>     | Zhuocheng ZE2140-MG1011_F-V1.0                                                                            | Zhuocheng ZE2140-MG1011_F-V1.0                                                                            |
| <b>Rear Camera</b>      | Zhuocheng ZE2142-MG1011_B-V1.0 (8856)                                                                     | Zhuocheng ZE2142-MG1011_B-V1.0 (8856)                                                                     |
| <b>Speaker-R</b>        | Ming Tai Dian Sheng S-1712C-8A-MG1011-R-BOX                                                               | Ming Tai Dian Sheng S-1712C-8A-MG1011-R-BOX                                                               |
| <b>Speaker-L</b>        | Ming Tai Dian Sheng S-1712C-8A-MG1011-L-BOX                                                               | Ming Tai Dian Sheng S-1712C-8A-MG1011-L-BOX                                                               |
| <b>Wifi Antenna</b>     | Sward ST1821A-1B2-A                                                                                       | Sward ST1821A-1B2-A                                                                                       |
| <b>GPS Antenna</b>      | Sward ST1821A-1B2-A                                                                                       | Sward ST1821A-1B2-A                                                                                       |
| <b>Adapter 1</b>        | 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  |
| <b>Adapter 2</b>        | 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, Taiwan (R.O.C.)<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 E
- ♦ FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
- ♦ 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. (MHz) | Channel | Freq. (MHz) |
|--------------------------------------|---------|-------------|---------|-------------|
| 5150-5250 MHz<br>Band 1<br>(U-NII-1) | 36      | 5180        | 44      | 5220        |
|                                      | 38*     | 5190        | 46*     | 5230        |
|                                      | 40      | 5200        | 48      | 5240        |
|                                      | 42#     | 5210        |         |             |

| Frequency Band                        | Channel | Freq. (MHz) | Channel | Freq. (MHz) |
|---------------------------------------|---------|-------------|---------|-------------|
| 5250-5350 MHz<br>Band 2<br>(U-NII-2A) | 52      | 5260        | 60      | 5300        |
|                                       | 54*     | 5270        | 62*     | 5310        |
|                                       | 56      | 5280        | 64      | 5320        |
|                                       | 58#     | 5290        |         |             |

| Frequency Band                        | Channel | Freq. (MHz) | Channel | Freq. (MHz) |
|---------------------------------------|---------|-------------|---------|-------------|
| 5470-5725 MHz<br>Band 3<br>(U-NII-2C) | 100     | 5500        | 112     | 5560        |
|                                       | 102*    | 5510        | 116     | 5580        |
|                                       | 104     | 5520        | 132     | 5660        |
|                                       | 106#    | 5530        | 134*    | 5670        |
|                                       | 108     | 5540        | 136     | 5680        |
|                                       | 110*    | 5550        | 140     | 5700        |

**Note:**

1. The above Frequency and Channel with "\*" are 802.11n HT40 and 802.11ac VHT40.
2. The above Frequency and Channel with "#" are 802.11ac VHT80.

## 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      |
| 802.11ac VHT80                   | MCS0      |

| Test Cases                                                                                          |                                                                                                                        |
|-----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| AC Conducted Emission                                                                               | Mode 1 : Bluetooth Link + WLAN (5GHz) Link + MPEG4 + USB Cable (Charging from Adapter 2) + Earphone for SKU3 (6+256GB) |
| <b>Remark:</b> For Radiated Test Cases, the tests were performed with Adapter 2 and SKU3 (6+256GB). |                                                                                                                        |

| Ch. # |        | Band I : 5150-5250 MHz | Band II : 5250-5350 MHz | Band III : 5470-5725MHz |
|-------|--------|------------------------|-------------------------|-------------------------|
|       |        | 802.11a                | 802.11a                 | 802.11a                 |
| L     | Low    | 36                     | 52                      | 100                     |
| M     | Middle | 44                     | 60                      | 116                     |
| H     | High   | 48                     | 64                      | 140                     |

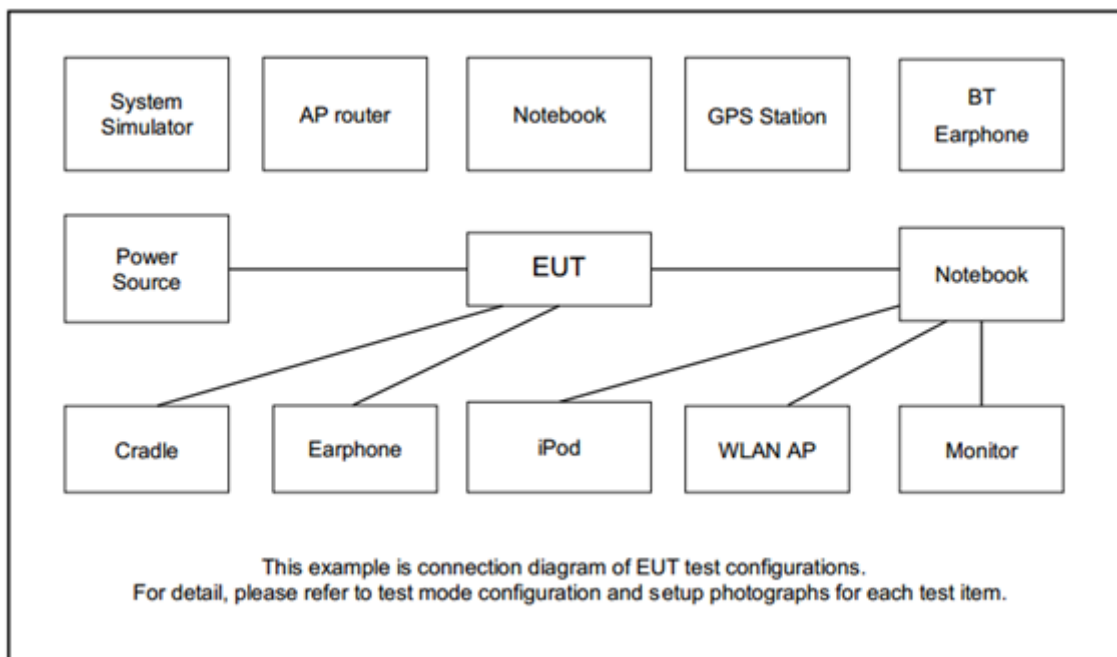
| Ch. # |        | Band I : 5150-5250 MHz | Band II : 5250-5350 MHz | Band III : 5470-5725MHz |
|-------|--------|------------------------|-------------------------|-------------------------|
|       |        | 802.11n HT20           | 802.11n HT20            | 802.11n HT20            |
| L     | Low    | 36                     | 52                      | 100                     |
| M     | Middle | 44                     | 60                      | 116                     |
| H     | High   | 48                     | 64                      | 140                     |

| Ch. # |        | Band I : 5150-5250 MHz | Band II : 5250-5350 MHz | Band III : 5470-5725MHz |
|-------|--------|------------------------|-------------------------|-------------------------|
|       |        | 802.11n HT40           | 802.11n HT40            | 802.11n HT40            |
| L     | Low    | 38                     | 54                      | 102                     |
| M     | Middle | -                      | -                       | 110                     |
| H     | High   | 46                     | 62                      | 134                     |

| Ch. # |        | Band I : 5150-5250 MHz | Band II : 5250-5350 MHz | Band III : 5470-5725MHz |
|-------|--------|------------------------|-------------------------|-------------------------|
|       |        | 802.11ac VHT80         | 802.11ac VHT80          | 802.11ac VHT80          |
| L     | Low    | -                      | -                       | 106                     |
| M     | Middle | 42                     | 58                      | -                       |
| H     | High   | -                      | -                       | -                       |

**Remark:** For radiation spurious emission, the modulation and the data rate picked for testing are determined by the Max. RF conducted power.

## 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         | PY700A2029   | N/A               | N/A                                                        |
| 2.   | Earphone + Mic     | Samsung       | Ecouteur      | N/A          | Unshielded, 1.8m  | N/A                                                        |
| 3.   | WLAN AP            | ASUS          | RT-AC52       | MSQ-RTAC4A00 | N/A               | Unshielded, 1.8 m                                          |
| 4.   | 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 |
| 5.   | iPod Earphone      | Apple         | N/A           | Verification | Unshielded, 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.

$$\begin{aligned}\text{Offset(dB)} &= \text{RF cable loss(dB)} + \text{attenuator factor(dB)} \\ &= 4.2 + 10 = 14.2 \text{ (dB)}\end{aligned}$$

### 3 Test Result

#### 3.1 26dB & 99% Occupied Bandwidth Measurement

##### 3.1.1 Description of 26dB & 99% Occupied Bandwidth

This section is for reporting purpose only.

There is no restriction limits for bandwidth.

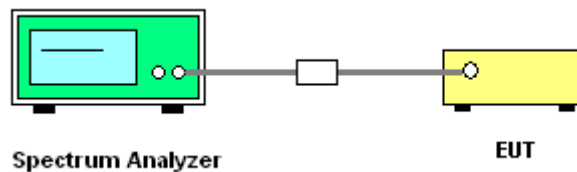
##### 3.1.2 Measuring Instruments

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

##### 3.1.3 Test Procedures

1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section C) Emission bandwidth
2. Set RBW = approximately 1% of the emission bandwidth.
3. Set the VBW > RBW.
4. Detector = Peak.
5. Trace mode = max hold
6. Measure the maximum width of the emission that is 26 dB down from the peak of the emission. Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%.
7. 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)  $\geq 3 * RBW$ .
8. Measure and record the results in the test report.

##### 3.1.4 Test Setup



##### 3.1.5 Test Result of 26dB & 99% Occupied Bandwidth

Please refer to Appendix A.

## 3.2 Maximum Conducted Output Power Measurement

### 3.2.1 Limit of Maximum Conducted Output Power

<FCC 14-30 CFR 15.407>

**For the 5.15–5.25 GHz bands:**

■ For mobile and portable client devices in the 5.15–5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW. For an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W.

**For the 5.25–5.725 GHz bands:**

■ The maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or  $11 \text{ dBm} + 10 \log B$ , where B is the 26 dB emission bandwidth in megahertz.

If transmitting antennas of directional gain greater than 6 dBi are used, the peak output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Note that U-NII-2 band, devices with a maximum e.i.r.p. greater than 500 mW shall implement TPC in order to have the capability to operate at least 6 dB below the maximum permitted e.i.r.p. of 1 W.

### 3.2.2 Measuring Instruments

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

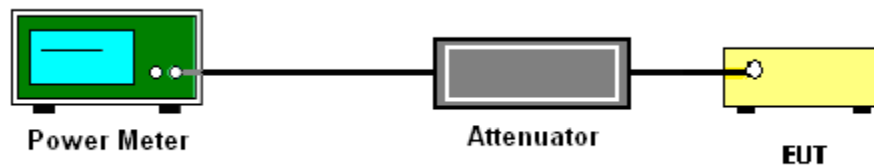
### 3.2.3 Test Procedures

The testing follows Method PM-G of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

Method PM-G (Measurement using a gated RF average power meter):

1. Measurement is performed using a wideband RF power meter.
2. The EUT is configured to transmit at its maximum power control level.
3. Measure the average power of the transmitter.
4. Since the measurement is made only during the ON time of the transmitter, no duty cycle correction factor is required.

### 3.2.4 Test Setup



### 3.2.5 Test Result of Maximum Conducted Output Power

Please refer to Appendix A.



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

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

##### **<FCC 14-30 CFR 15.407>**

##### **For the 5.15–5.25 GHz bands:**

For mobile and portable client devices in the 5.15–5.25 GHz band, the maximum power spectral density shall not exceed 11 dBm in any 1.0 MHz band. For an indoor access point operating in the band 5.15-5.25 GHz, the maximum power spectral density shall not exceed 17 dBm in any 1.0 MHz band.

##### **For the 5.25–5.725 GHz bands:**

The maximum power spectral density shall not exceed 11 dBm in any 1.0 MHz band.

If transmitting antennas of directional gain greater than 6 dBi are used, the peak output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

#### **3.3.2 Measuring Instruments**

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

### 3.3.3 Test Procedures

The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

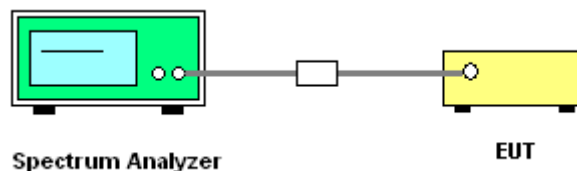
Section F) Maximum power spectral density.

#### # Method SA-2 #

(trace averaging across on and off times of the EUT transmissions, followed by duty cycle correction).

- Measure the duty cycle.
  - Set span to encompass the entire emission bandwidth (EBW) of the signal.
  - Set RBW = 1 MHz.
  - Set VBW  $\geq$  3 MHz.
  - Number of points in sweep  $\geq$  2 Span / RBW.
  - Sweep time = auto.
  - Detector = RMS
  - Trace average at least 100 traces in power averaging mode.
  - Add  $10 \log(1/x)$ , where x is the duty cycle, to the measured power in order to compute the average power during the actual transmission times. For example, add  $10 \log(1/0.25) = 6$  dB if the duty cycle is 25 percent.
1. The RF output of EUT is connected to the spectrum analyzer by a low loss cable.
  2. Each plot has already offset with cable loss, and attenuator loss. Measure the PPSD and record it.

### 3.3.4 Test Setup



### 3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.

### 3.4 Unwanted Emissions Measurement

This section is to measure unwanted emissions through radiated measurement for band edge spurious emissions and out of band emissions measurement.

#### 3.4.1 Limit of Unwanted Emissions

- (1) For transmitters operating in the 5150-5250 MHz band: all emissions outside of the 5150-5350 MHz band shall not exceed an EIRP of -27dBm/MHz.

For transmitters operating in the 5250-5350 MHz band: all emissions outside of the 5150-5350 MHz band shall not exceed an EIRP of -27 dBm/MHz. Devices operating in the 5250-5350 MHz band that generate emissions in the 5150-5250 MHz band must meet all applicable technical requirements for operation in the 5150-5250 MHz band (including indoor use) or alternatively meet an out-of-band emission EIRP limit of -27 dBm/MHz in the 5150-5250 MHz band.

For transmitters operating in the 5470-5600 MHz and 5650-5725MHz band: all emissions outside of the 5470-5600 MHz and 5650-5725MHz band shall not exceed an EIRP of -27 dBm/MHz.

- (2) Unwanted spurious emissions falls in restricted bands shall comply with the general field strength limits as below table:

| 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                                |

**Note:** The following formula is used to convert the EIRP to field strength.

$$E = \frac{1000000\sqrt{30P}}{3} \text{ } \mu\text{V/m, where P is the eirp (Watts)}$$

| EIRP (dBm) | Field Strength at 3m (dBμV/m) |
|------------|-------------------------------|
| - 27       | 68.3                          |

(3) KDB789033 D02 v02r01 G)2)c)

(i) Sections 15.407(b)(1-3) specifies the unwanted emissions limit for the U-NII-1 and U-NII-2 bands. As specified, emissions above 1000 MHz that are outside of the restricted bands are subject to a peak emission limit of -27 dBm/MHz.

(ii) Section 15.407(b)(4) specifies the unwanted emissions limit for the U-NII-3 band. A band emissions mask is specified in Section 15.407(b)(4)(i). The emission limits are based on the use of a peak detector.

### 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 FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

Section G) Unwanted emissions measurement.

(1) Procedure for Unwanted Emissions Measurements Below 1000 MHz

- RBW = 120 kHz
- VBW = 300 kHz
- Detector = Peak
- Trace mode = max hold

(2) Procedure for Peak Unwanted Emissions Measurements Above 1000 MHz

- RBW = 1 MHz
- VBW  $\geq$  3 MHz
- Detector = Peak
- Sweep time = auto
- Trace mode = max hold

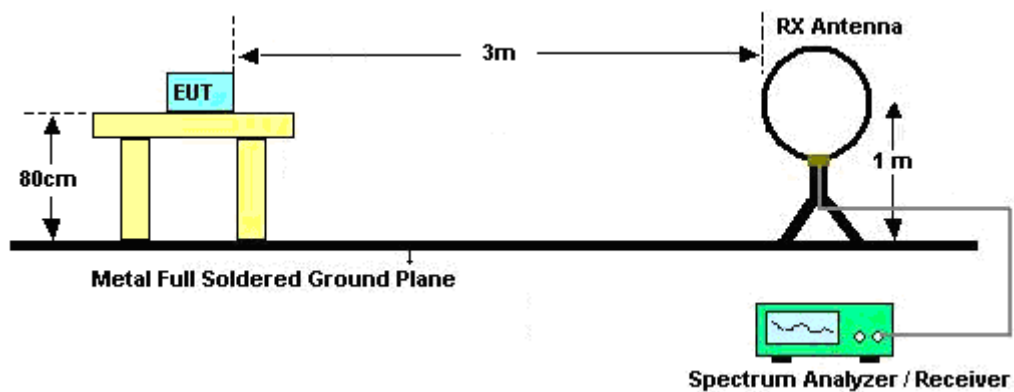
(3) Procedures for Average Unwanted Emissions Measurements Above 1000 MHz

- RBW = 1 MHz
- 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.

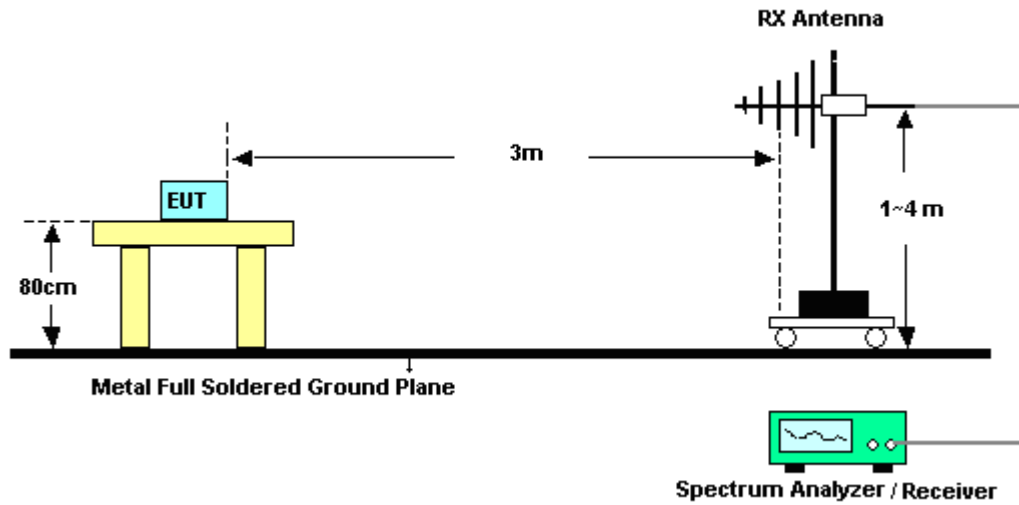
2. The EUT is placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
3. The EUT is set 3 meters away from the receiving antenna which is mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna and its height is adjusted between one meter and four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
5. For each suspected emission, the EUT is arranged to its worst case and then adjust the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
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 “-”.

### 3.4.4 Test Setup

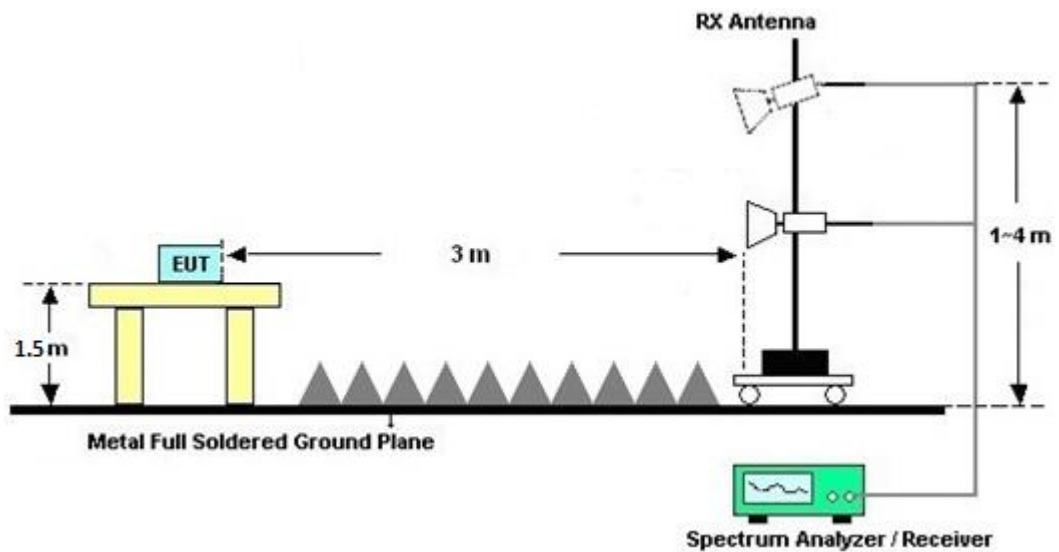
**For radiated emissions below 30MHz**



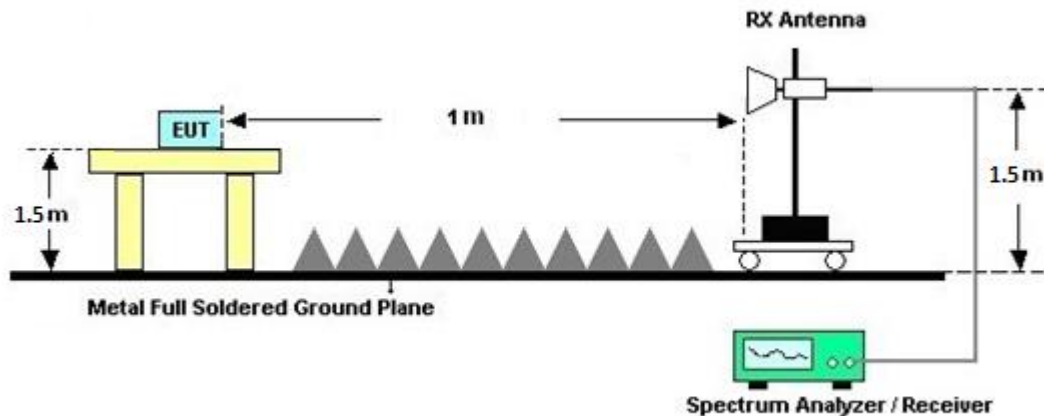
For radiated emissions from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



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

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 came out very similar.

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

Please refer to Appendix C.

### 3.4.7 Duty Cycle

Please refer to Appendix D.

### 3.4.8 Test Result of Radiated Spurious Emissions (30MHz ~ 10th Harmonic)

Please refer to Appendix C.

### 3.5 AC Conducted Emission Measurement

#### 3.5.1 Limit of AC Conducted Emission

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

| Frequency of emission (MHz) | Conducted limit (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.

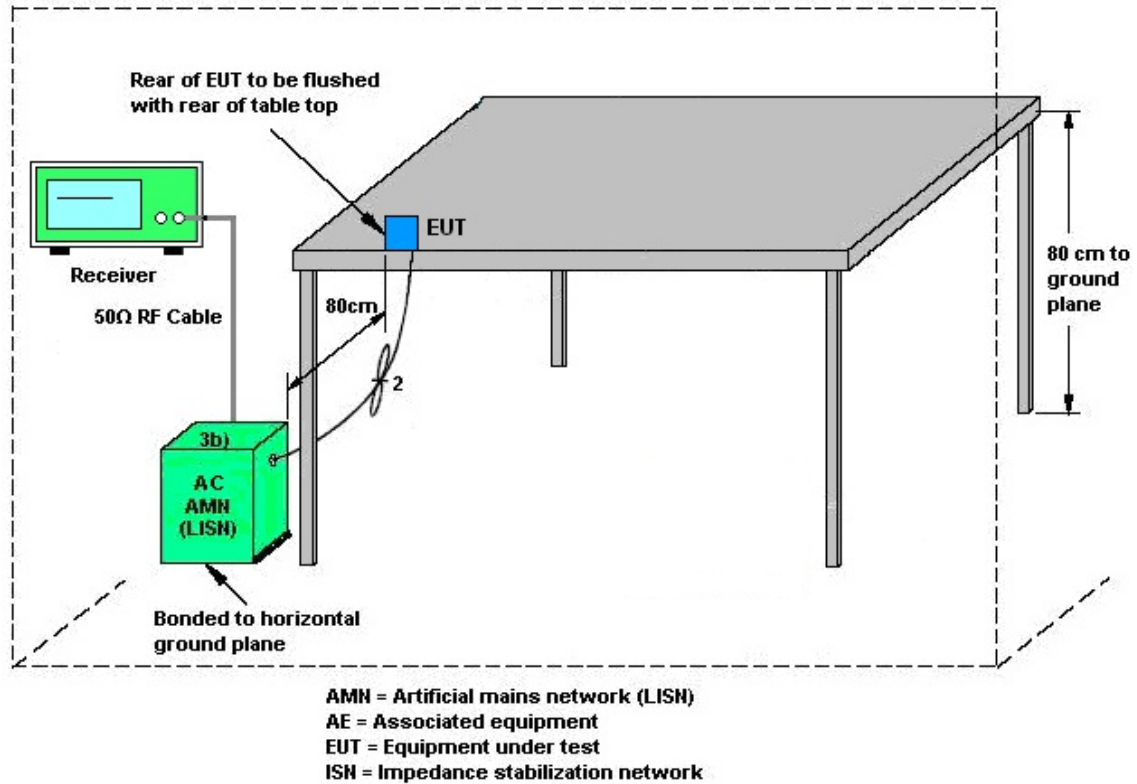
#### 3.5.2 Measuring Instruments

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

#### 3.5.3 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 with Maximum Hold Mode.

### 3.5.4 Test Setup



### 3.5.5 Test Result of AC Conducted Emission

Please refer to Appendix B.



## **3.6 Antenna Requirements**

### **3.6.1 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.

### **3.6.2 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               | 171000180005<br>5007 | 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 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      | WHKX8-5872.5-6750-18000-40SS | SN3                  | 6.75GHz 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) |



| 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) |
| Hygrometer               | TECPEL          | DTM-303A                       | TP201996                   | N/A                          | Nov. 07, 2023    | Jul. 29, 2024~<br>Aug. 26, 2024 | Nov. 06, 2024 | Conducted (TH05-HY)  |
| Power Sensor             | DARE            | RPR3006W                       | 16I00054SNO<br>13 (NO:255) | 10MHz~6GHz                   | Jan. 08, 2024    | Jul. 29, 2024~<br>Aug. 26, 2024 | Jan. 07, 2025 | Conducted (TH05-HY)  |
| Signal Analyzer          | Rohde & Schwarz | FSV40                          | 101564                     | 10Hz ~ 40GHz                 | Sep. 12, 2023    | Jul. 29, 2024~<br>Aug. 26, 2024 | Sep. 11, 2024 | Conducted (TH05-HY)  |
| Switch Control Mainframe | Burgeon         | ETF-058                        | EC1300484<br>(BOX3)        | N/A                          | May 20, 2024     | Jul. 29, 2024~<br>Aug. 26, 2024 | May 19, 2025  | Conducted (TH05-HY)  |
| Software                 | Sporton         | BTWIFI_Final<br>version_240513 | N/A                        | Conducted Other<br>Test Item | N/A              | Jul. 29, 2024~<br>Aug. 26, 2024 | N/A           | Conducted (TH05-HY)  |



## 5 Measurement Uncertainty

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

|                                                                            |         |
|----------------------------------------------------------------------------|---------|
| 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:     | 2024/07/29~2024/08/26 | Relative Humidity: | 51~54 | %  |

**TEST RESULTS DATA**  
**26dB and 99% OBW**

| U-NII-1 single antenna |           |                 |     |             |                     |   |                       |   |                                    |   |                                   |   |      |
|------------------------|-----------|-----------------|-----|-------------|---------------------|---|-----------------------|---|------------------------------------|---|-----------------------------------|---|------|
| Mod.                   | Data Rate | N <sub>TX</sub> | CH. | Freq. (MHz) | 99% Bandwidth (MHz) |   | 26 dB Bandwidth (MHz) |   | IC 99% Bandwidth Power Limit (dBm) |   | IC 99% Bandwidth EIRP Limit (dBm) |   | Note |
|                        |           |                 |     |             | Ant 1               | - | Ant 1                 | - | Ant 1                              | - | Ant 1                             | - |      |
| 11a                    | 6Mbps     | 1               | 36  | 5180        | 16.68               | - | 20.26                 | - | -                                  | - | 22.22                             | - | -    |
| 11a                    | 6Mbps     | 1               | 44  | 5220        | 16.68               | - | 20.29                 | - | -                                  | - | 22.22                             | - |      |
| 11a                    | 6Mbps     | 1               | 48  | 5240        | 16.68               | - | 20.12                 | - | -                                  | - | 22.22                             | - |      |
| HT20                   | MCS0      | 1               | 36  | 5180        | 17.68               | - | 20.49                 | - | -                                  | - | 22.48                             | - |      |
| HT20                   | MCS0      | 1               | 44  | 5220        | 17.73               | - | 20.44                 | - | -                                  | - | 22.49                             | - |      |
| HT20                   | MCS0      | 1               | 48  | 5240        | 17.73               | - | 20.37                 | - | -                                  | - | 22.49                             | - |      |
| HT40                   | MCS0      | 1               | 38  | 5190        | 36.56               | - | 41.49                 | - | -                                  | - | 23.01                             | - |      |
| HT40                   | MCS0      | 1               | 46  | 5230        | 36.66               | - | 41.57                 | - | -                                  | - | 23.01                             | - |      |
| VHT80                  | MCS0      | 1               | 42  | 5210        | 75.16               | - | 81.38                 | - | -                                  | - | 23.01                             | - |      |

**TEST RESULTS DATA**  
**Average Power Table**

| FCC U-NII-1 single antenna |           |                 |     |             |                               |   |     |                                 |   |          |   |           |
|----------------------------|-----------|-----------------|-----|-------------|-------------------------------|---|-----|---------------------------------|---|----------|---|-----------|
| Mod.                       | Data Rate | N <sub>TX</sub> | CH. | Freq. (MHz) | Average Conducted Power (dBm) |   |     | FCC Conducted Power Limit (dBm) |   | DG (dBi) |   | Pass/Fail |
|                            |           |                 |     |             | Ant 1                         | - | SUM | Ant 1                           | - | Ant 1    | - |           |
| 11a                        | 6Mbps     | 1               | 36  | 5180        | 12.60                         | - | -   | 24.00                           | - | 0.69     | - | Pass      |
| 11a                        | 6Mbps     | 1               | 44  | 5220        | 12.30                         | - |     | 24.00                           | - | 0.69     | - | Pass      |
| 11a                        | 6Mbps     | 1               | 48  | 5240        | 12.20                         | - |     | 24.00                           | - | 0.69     | - | Pass      |
| HT20                       | MCS0      | 1               | 36  | 5180        | 12.60                         | - |     | 24.00                           | - | 0.69     | - | Pass      |
| HT20                       | MCS0      | 1               | 44  | 5220        | 12.20                         | - |     | 24.00                           | - | 0.69     | - | Pass      |
| HT20                       | MCS0      | 1               | 48  | 5240        | 12.30                         | - |     | 24.00                           | - | 0.69     | - | Pass      |
| HT40                       | MCS0      | 1               | 38  | 5190        | 12.40                         | - |     | 24.00                           | - | 0.69     | - | Pass      |
| HT40                       | MCS0      | 1               | 46  | 5230        | 12.50                         | - |     | 24.00                           | - | 0.69     | - | Pass      |
| VHT20                      | MCS0      | 1               | 36  | 5180        | 12.50                         | - |     | 24.00                           | - | 0.69     | - | Pass      |
| VHT20                      | MCS0      | 1               | 44  | 5220        | 12.10                         | - |     | 24.00                           | - | 0.69     | - | Pass      |
| VHT20                      | MCS0      | 1               | 48  | 5240        | 12.20                         | - |     | 24.00                           | - | 0.69     | - | Pass      |
| VHT40                      | MCS0      | 1               | 38  | 5190        | 12.30                         | - |     | 24.00                           | - | 0.69     | - | Pass      |
| VHT40                      | MCS0      | 1               | 46  | 5230        | 12.40                         | - |     | 24.00                           | - | 0.69     | - | Pass      |
| VHT80                      | MCS0      | 1               | 42  | 5210        | 12.10                         | - |     | 24.00                           | - | 0.69     | - | Pass      |

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

| FCC U-NII-1 single antenna |           |                 |     |             |                  |   |                                                  |   |     |                             |   |          |   |            |
|----------------------------|-----------|-----------------|-----|-------------|------------------|---|--------------------------------------------------|---|-----|-----------------------------|---|----------|---|------------|
| Mod.                       | Data Rate | N <sub>TX</sub> | CH. | Freq. (MHz) | Duty Factor (dB) |   | Average Power Density with Duty Factor (dBm/MHz) |   |     | Average PSD Limit (dBm/MHz) |   | DG (dBi) |   | Pass /Fail |
|                            |           |                 |     |             | Ant 1            | - | Ant 1                                            | - | SUM | Ant 1                       | - | Ant 1    | - |            |
| 11a                        | 6Mbps     | 1               | 36  | 5180        | 0.15             | - | 1.97                                             | - | -   | 11.00                       | - | 0.69     | - | Pass       |
| 11a                        | 6Mbps     | 1               | 44  | 5220        | 0.15             | - | 1.40                                             | - |     | 11.00                       | - | 0.69     | - | Pass       |
| 11a                        | 6Mbps     | 1               | 48  | 5240        | 0.15             | - | 1.47                                             | - |     | 11.00                       | - | 0.69     | - | Pass       |
| HT20                       | MCS0      | 1               | 36  | 5180        | 0.13             | - | 1.64                                             | - |     | 11.00                       | - | 0.69     | - | Pass       |
| HT20                       | MCS0      | 1               | 44  | 5220        | 0.13             | - | 1.42                                             | - |     | 11.00                       | - | 0.69     | - | Pass       |
| HT20                       | MCS0      | 1               | 48  | 5240        | 0.13             | - | 1.43                                             | - |     | 11.00                       | - | 0.69     | - | Pass       |
| HT40                       | MCS0      | 1               | 38  | 5190        | 0.29             | - | -1.14                                            | - |     | 11.00                       | - | 0.69     | - | Pass       |
| HT40                       | MCS0      | 1               | 46  | 5230        | 0.29             | - | -0.89                                            | - |     | 11.00                       | - | 0.69     | - | Pass       |
| VHT80                      | MCS0      | 1               | 42  | 5210        | 0.55             | - | -4.36                                            | - |     | 11.00                       | - | 0.69     | - | Pass       |

**TEST RESULTS DATA**  
**26dB and 99% OBW**

| U-NII-2A single antenna |           |                 |     |             |                     |   |                       |   |                                    |   |                                   |   |                                      |   |      |
|-------------------------|-----------|-----------------|-----|-------------|---------------------|---|-----------------------|---|------------------------------------|---|-----------------------------------|---|--------------------------------------|---|------|
| Mod.                    | Data Rate | N <sub>TX</sub> | CH. | Freq. (MHz) | 99% Bandwidth (MHz) |   | 26 dB Bandwidth (MHz) |   | IC 99% Bandwidth Power Limit (dBm) |   | IC 99% Bandwidth EIRP Limit (dBm) |   | FCC 26dB Bandwidth Power Limit (dBm) |   | Note |
|                         |           |                 |     |             | Ant 1               | - | Ant 1                 | - | Ant 1                              | - | Ant 1                             | - | Ant 1                                | - |      |
| 11a                     | 6Mbps     | 1               | 52  | 5260        | 16.68               | - | 20.26                 | - | 23.22                              | - | 29.22                             | - | 23.98                                | - | -    |
| 11a                     | 6Mbps     | 1               | 60  | 5300        | 16.68               | - | 20.20                 | - | 23.22                              | - | 29.22                             | - | 23.98                                | - |      |
| 11a                     | 6Mbps     | 1               | 64  | 5320        | 16.68               | - | 20.22                 | - | 23.22                              | - | 29.22                             | - | 23.98                                | - |      |
| HT20                    | MCS0      | 1               | 52  | 5260        | 17.73               | - | 20.40                 | - | 23.49                              | - | 29.49                             | - | 23.98                                | - |      |
| HT20                    | MCS0      | 1               | 60  | 5300        | 17.78               | - | 20.50                 | - | 23.50                              | - | 29.50                             | - | 23.98                                | - |      |
| HT20                    | MCS0      | 1               | 64  | 5320        | 17.73               | - | 20.49                 | - | 23.49                              | - | 29.49                             | - | 23.98                                | - |      |
| HT40                    | MCS0      | 1               | 54  | 5270        | 36.46               | - | 41.94                 | - | 23.98                              | - | 30.00                             | - | 23.98                                | - |      |
| HT40                    | MCS0      | 1               | 62  | 5310        | 36.66               | - | 41.54                 | - | 23.98                              | - | 30.00                             | - | 23.98                                | - |      |
| VHT80                   | MCS0      | 1               | 58  | 5290        | 75.28               | - | 81.02                 | - | 23.98                              | - | 30.00                             | - | 23.98                                | - |      |

**TEST RESULTS DATA**  
**Average Power Table**

| FCC U-NII-2A single antenna |           |                 |     |             |                               |   |     |                                 |   |          |   |                        |           |
|-----------------------------|-----------|-----------------|-----|-------------|-------------------------------|---|-----|---------------------------------|---|----------|---|------------------------|-----------|
| Mod.                        | Data Rate | N <sub>TX</sub> | CH. | Freq. (MHz) | Average Conducted Power (dBm) |   |     | FCC Conducted Power Limit (dBm) |   | DG (dBi) |   | EIRP Power Limit (dBm) | Pass/Fail |
|                             |           |                 |     |             | Ant 1                         | - | SUM | Ant 1                           | - | Ant 1    | - |                        |           |
| 11a                         | 6Mbps     | 1               | 52  | 5260        | 12.40                         | - | -   | 23.98                           | - | 0.69     | - | 26.99                  | Pass      |
| 11a                         | 6Mbps     | 1               | 60  | 5300        | 12.30                         | - |     | 23.98                           | - | 0.69     | - | 26.99                  | Pass      |
| 11a                         | 6Mbps     | 1               | 64  | 5320        | 12.20                         | - |     | 23.98                           | - | 0.69     | - | 26.99                  | Pass      |
| HT20                        | MCS0      | 1               | 52  | 5260        | 12.40                         | - |     | 23.98                           | - | 0.69     | - | 26.99                  | Pass      |
| HT20                        | MCS0      | 1               | 60  | 5300        | 12.20                         | - |     | 23.98                           | - | 0.69     | - | 26.99                  | Pass      |
| HT20                        | MCS0      | 1               | 64  | 5320        | 12.60                         | - |     | 23.98                           | - | 0.69     | - | 26.99                  | Pass      |
| HT40                        | MCS0      | 1               | 54  | 5270        | 12.30                         | - |     | 23.98                           | - | 0.69     | - | 26.99                  | Pass      |
| HT40                        | MCS0      | 1               | 62  | 5310        | 12.60                         | - |     | 23.98                           | - | 0.69     | - | 26.99                  | Pass      |
| VHT20                       | MCS0      | 1               | 52  | 5260        | 12.30                         | - |     | 23.98                           | - | 0.69     | - | 26.99                  | Pass      |
| VHT20                       | MCS0      | 1               | 60  | 5300        | 12.10                         | - |     | 23.98                           | - | 0.69     | - | 26.99                  | Pass      |
| VHT20                       | MCS0      | 1               | 64  | 5320        | 12.50                         | - |     | 23.98                           | - | 0.69     | - | 26.99                  | Pass      |
| VHT40                       | MCS0      | 1               | 54  | 5270        | 12.20                         | - |     | 23.98                           | - | 0.69     | - | 26.99                  | Pass      |
| VHT40                       | MCS0      | 1               | 62  | 5310        | 12.50                         | - |     | 23.98                           | - | 0.69     | - | 26.99                  | Pass      |
| VHT80                       | MCS0      | 1               | 58  | 5290        | 11.70                         | - |     | 23.98                           | - | 0.69     | - | 26.99                  | Pass      |

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

| U-NII-2A single antenna |           |                 |     |             |                  |   |                                                  |   |     |                             |   |          |   |            |
|-------------------------|-----------|-----------------|-----|-------------|------------------|---|--------------------------------------------------|---|-----|-----------------------------|---|----------|---|------------|
| Mod.                    | Data Rate | N <sub>TX</sub> | CH. | Freq. (MHz) | Duty Factor (dB) |   | Average Power Density with Duty Factor (dBm/MHz) |   |     | Average PSD Limit (dBm/MHz) |   | DG (dBi) |   | Pass /Fail |
|                         |           |                 |     |             | Ant 1            | - | Ant 1                                            | - | SUM | Ant 1                       | - | Ant 1    | - |            |
| 11a                     | 6Mbps     | 1               | 52  | 5260        | 0.15             | - | 1.68                                             | - | -   | 11.00                       | - | 0.69     | - | Pass       |
| 11a                     | 6Mbps     | 1               | 60  | 5300        | 0.15             | - | 1.59                                             | - |     | 11.00                       | - | 0.69     | - | Pass       |
| 11a                     | 6Mbps     | 1               | 64  | 5320        | 0.15             | - | 1.17                                             | - |     | 11.00                       | - | 0.69     | - | Pass       |
| HT20                    | MCS0      | 1               | 52  | 5260        | 0.13             | - | 1.48                                             | - |     | 11.00                       | - | 0.69     | - | Pass       |
| HT20                    | MCS0      | 1               | 60  | 5300        | 0.13             | - | 1.47                                             | - |     | 11.00                       | - | 0.69     | - | Pass       |
| HT20                    | MCS0      | 1               | 64  | 5320        | 0.13             | - | 1.76                                             | - |     | 11.00                       | - | 0.69     | - | Pass       |
| HT40                    | MCS0      | 1               | 54  | 5270        | 0.29             | - | -1.11                                            | - |     | 11.00                       | - | 0.69     | - | Pass       |
| HT40                    | MCS0      | 1               | 62  | 5310        | 0.29             | - | -0.97                                            | - |     | 11.00                       | - | 0.69     | - | Pass       |
| VHT80                   | MCS0      | 1               | 58  | 5290        | 0.55             | - | -4.74                                            | - |     | 11.00                       | - | 0.69     | - | Pass       |

**TEST RESULTS DATA**  
**26dB and 99% OBW**

| U-NII-2C single antenna |           |                 |     |             |                                 |   |                                   |   |                                    |   |                                   |   |                                      |   |                                           |      |
|-------------------------|-----------|-----------------|-----|-------------|---------------------------------|---|-----------------------------------|---|------------------------------------|---|-----------------------------------|---|--------------------------------------|---|-------------------------------------------|------|
| Mod.                    | Data Rate | N <sub>TX</sub> | CH. | Freq. (MHz) | 99% Bandwidth In U-NII 2C (MHz) |   | 26 dB Bandwidth In U-NII 2C (MHz) |   | IC 99% Bandwidth Power Limit (dBm) |   | IC 99% Bandwidth EIRP Limit (dBm) |   | FCC 26dB Bandwidth Power Limit (dBm) |   | 6 dB Bandwidth for Straddle Channel (MHz) |      |
|                         |           |                 |     |             | Ant 1                           | - | Ant 1                             | - | Ant 1                              | - | Ant 1                             | - | Ant 1                                | - | Ant 1                                     | -    |
| 11a                     | 6Mbps     | 1               | 100 | 5500        | 16.73                           | - | 20.26                             | - | 23.24                              | - | 29.24                             | - | 23.98                                | - | ----                                      | ---- |
| 11a                     | 6Mbps     | 1               | 116 | 5580        | 16.78                           | - | 21.06                             | - | 23.25                              | - | 29.25                             | - | 23.98                                | - | ----                                      | ---- |
| 11a                     | 6Mbps     | 1               | 140 | 5700        | 16.78                           | - | 20.36                             | - | 23.25                              | - | 29.25                             | - | 23.98                                | - | ----                                      | ---- |
| HT20                    | MCS0      | 1               | 100 | 5500        | 17.83                           | - | 20.56                             | - | 23.51                              | - | 29.51                             | - | 23.98                                | - | ----                                      | ---- |
| HT20                    | MCS0      | 1               | 116 | 5580        | 17.83                           | - | 21.78                             | - | 23.51                              | - | 29.51                             | - | 23.98                                | - | ----                                      | ---- |
| HT20                    | MCS0      | 1               | 140 | 5700        | 17.88                           | - | 22.87                             | - | 23.52                              | - | 29.52                             | - | 23.98                                | - | ----                                      | ---- |
| HT40                    | MCS0      | 1               | 102 | 5510        | 36.46                           | - | 41.47                             | - | 23.98                              | - | 30.00                             | - | 23.98                                | - | ----                                      | ---- |
| HT40                    | MCS0      | 1               | 110 | 5550        | 36.66                           | - | 41.65                             | - | 23.98                              | - | 30.00                             | - | 23.98                                | - | ----                                      | ---- |
| HT40                    | MCS0      | 1               | 134 | 5670        | 36.96                           | - | 69.55                             | - | 23.98                              | - | 30.00                             | - | 23.98                                | - | ----                                      | ---- |
| VHT80                   | MCS0      | 1               | 106 | 5530        | 75.16                           | - | 81.18                             | - | 23.98                              | - | 30.00                             | - | 23.98                                | - | ----                                      | ---- |

**TEST RESULTS DATA**  
**Average Power Table**

| FCC U-NII-2C single antenna |           |                 |     |             |                               |   |     |                                 |   |          |   |                        |           |
|-----------------------------|-----------|-----------------|-----|-------------|-------------------------------|---|-----|---------------------------------|---|----------|---|------------------------|-----------|
| Mod.                        | Data Rate | N <sub>TX</sub> | CH. | Freq. (MHz) | Average Conducted Power (dBm) |   |     | FCC Conducted Power Limit (dBm) |   | DG (dBi) |   | EIRP Power Limit (dBm) | Pass/Fail |
|                             |           |                 |     |             | Ant 1                         | - | SUM | Ant 1                           | - | Ant 1    | - |                        |           |
| 11a                         | 6Mbps     | 1               | 100 | 5500        | 11.80                         | - | -   | 23.98                           | - | 0.91     | - | 26.99                  | Pass      |
| 11a                         | 6Mbps     | 1               | 116 | 5580        | 11.90                         | - |     | 23.98                           | - | 0.91     | - | 26.99                  | Pass      |
| 11a                         | 6Mbps     | 1               | 140 | 5700        | 11.90                         | - |     | 23.98                           | - | 0.91     | - | 26.99                  | Pass      |
| HT20                        | MCS0      | 1               | 100 | 5500        | 11.80                         | - |     | 23.98                           | - | 0.91     | - | 26.99                  | Pass      |
| HT20                        | MCS0      | 1               | 116 | 5580        | 11.80                         | - |     | 23.98                           | - | 0.91     | - | 26.99                  | Pass      |
| HT20                        | MCS0      | 1               | 140 | 5700        | 11.80                         | - |     | 23.98                           | - | 0.91     | - | 26.99                  | Pass      |
| HT40                        | MCS0      | 1               | 102 | 5510        | 11.10                         | - |     | 23.98                           | - | 0.91     | - | 26.99                  | Pass      |
| HT40                        | MCS0      | 1               | 110 | 5550        | 11.10                         | - |     | 23.98                           | - | 0.91     | - | 26.99                  | Pass      |
| HT40                        | MCS0      | 1               | 134 | 5670        | 10.10                         | - |     | 23.98                           | - | 0.91     | - | 26.99                  | Pass      |
| VHT20                       | MCS0      | 1               | 100 | 5500        | 11.70                         | - |     | 23.98                           | - | 0.91     | - | 26.99                  | Pass      |
| VHT20                       | MCS0      | 1               | 116 | 5580        | 11.70                         | - |     | 23.98                           | - | 0.91     | - | 26.99                  | Pass      |
| VHT20                       | MCS0      | 1               | 140 | 5700        | 11.70                         | - |     | 23.98                           | - | 0.91     | - | 26.99                  | Pass      |
| VHT40                       | MCS0      | 1               | 102 | 5510        | 11.00                         | - |     | 23.98                           | - | 0.91     | - | 26.99                  | Pass      |
| VHT40                       | MCS0      | 1               | 110 | 5550        | 11.00                         | - |     | 23.98                           | - | 0.91     | - | 26.99                  | Pass      |
| VHT40                       | MCS0      | 1               | 134 | 5670        | 10.00                         | - |     | 23.98                           | - | 0.91     | - | 26.99                  | Pass      |
| VHT80                       | MCS0      | 1               | 106 | 5530        | 11.60                         | - |     | 23.98                           | - | 0.91     | - | 26.99                  | Pass      |

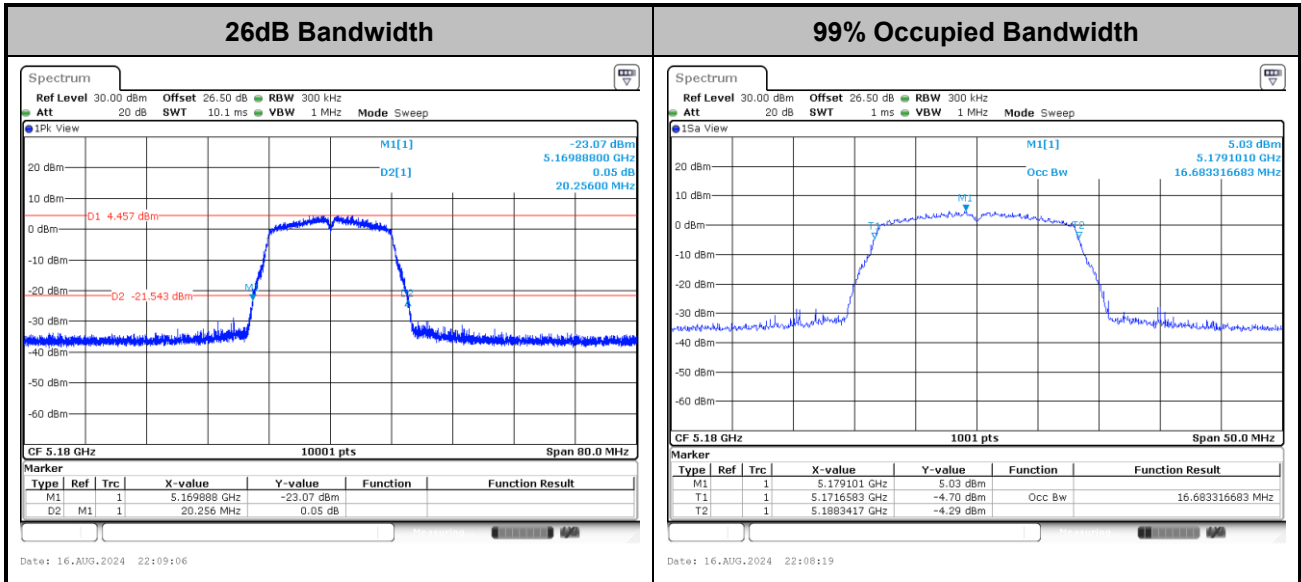
**TEST RESULTS DATA**  
**Power Spectral Density**

| U-NII-2C single antenna |           |                 |     |             |                  |   |                                                  |   |     |                             |   |          |   |            |
|-------------------------|-----------|-----------------|-----|-------------|------------------|---|--------------------------------------------------|---|-----|-----------------------------|---|----------|---|------------|
| Mod.                    | Data Rate | N <sub>TX</sub> | CH. | Freq. (MHz) | Duty Factor (dB) |   | Average Power Density with Duty Factor (dBm/MHz) |   |     | Average PSD Limit (dBm/MHz) |   | DG (dBi) |   | Pass /Fail |
|                         |           |                 |     |             | Ant 1            | - | Ant 1                                            | - | SUM | Ant 1                       | - | Ant 1    | - |            |
| 11a                     | 6Mbps     | 1               | 100 | 5500        | 0.15             | - | 1.34                                             | - | -   | 11.00                       | - | 0.91     | - | Pass       |
| 11a                     | 6Mbps     | 1               | 116 | 5580        | 0.15             | - | 1.41                                             | - |     | 11.00                       | - | 0.91     | - | Pass       |
| 11a                     | 6Mbps     | 1               | 140 | 5700        | 0.15             | - | 1.30                                             | - |     | 11.00                       | - | 0.91     | - | Pass       |
| HT20                    | MCS0      | 1               | 100 | 5500        | 0.13             | - | 0.99                                             | - |     | 11.00                       | - | 0.91     | - | Pass       |
| HT20                    | MCS0      | 1               | 116 | 5580        | 0.13             | - | 1.05                                             | - |     | 11.00                       | - | 0.91     | - | Pass       |
| HT20                    | MCS0      | 1               | 140 | 5700        | 0.13             | - | 0.95                                             | - |     | 11.00                       | - | 0.91     | - | Pass       |
| HT40                    | MCS0      | 1               | 102 | 5510        | 0.29             | - | -2.46                                            | - |     | 11.00                       | - | 0.91     | - | Pass       |
| HT40                    | MCS0      | 1               | 110 | 5550        | 0.29             | - | -2.42                                            | - |     | 11.00                       | - | 0.91     | - | Pass       |
| HT40                    | MCS0      | 1               | 134 | 5670        | 0.29             | - | -3.66                                            | - |     | 11.00                       | - | 0.91     | - | Pass       |
| VHT80                   | MCS0      | 1               | 106 | 5530        | 0.55             | - | -5.00                                            | - |     | 11.00                       | - | 0.91     | - | Pass       |



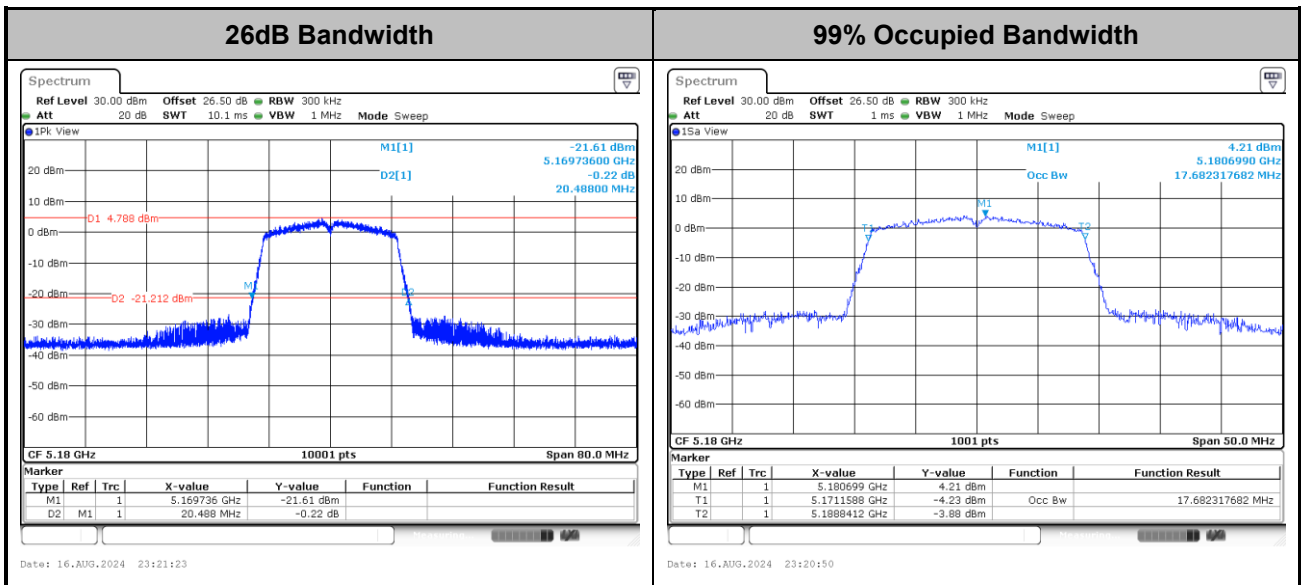
## Test Result of 26dB &amp; 99% Occupied Bandwidth

&lt;802.11a&gt;



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

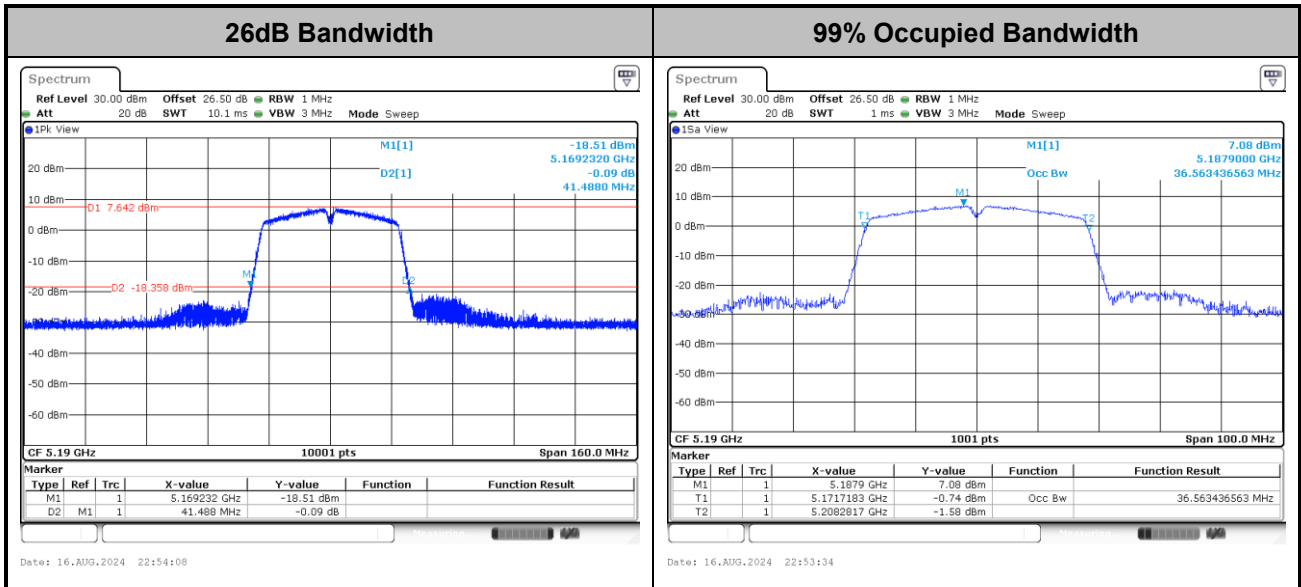
&lt;802.11n HT20&gt;



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

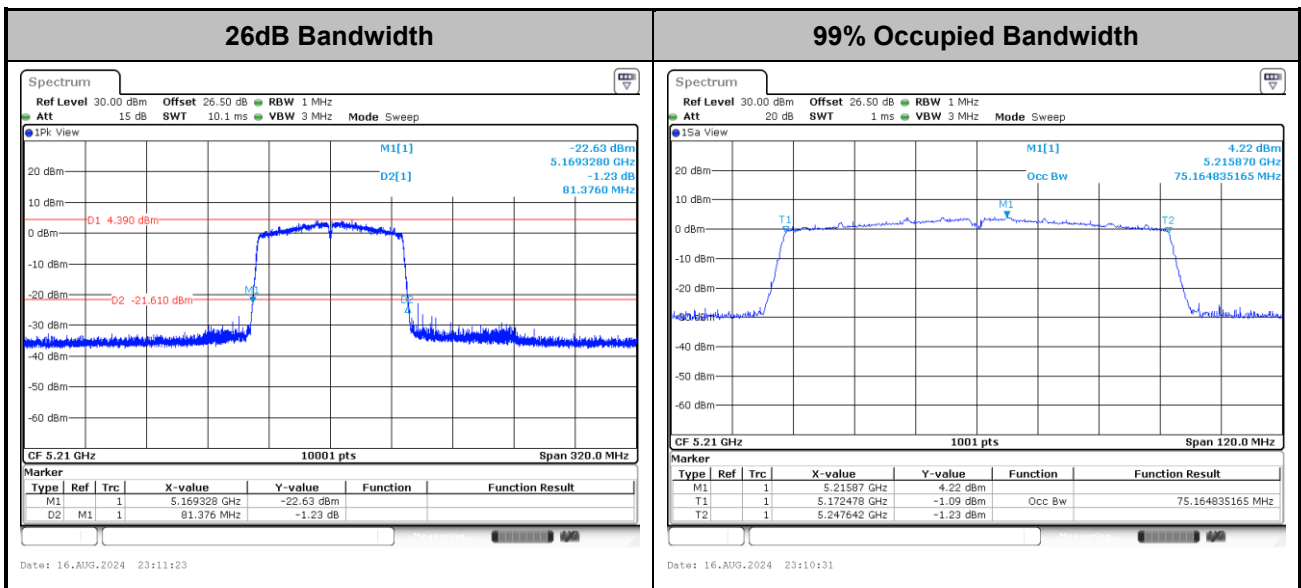


## &lt;802.11n HT40&gt;



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

## &lt;802.11ac VHT80&gt;

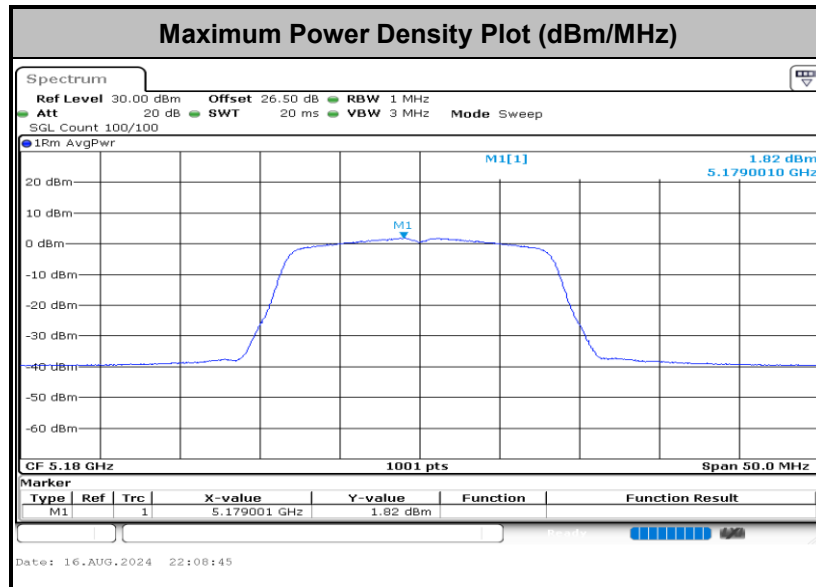


Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

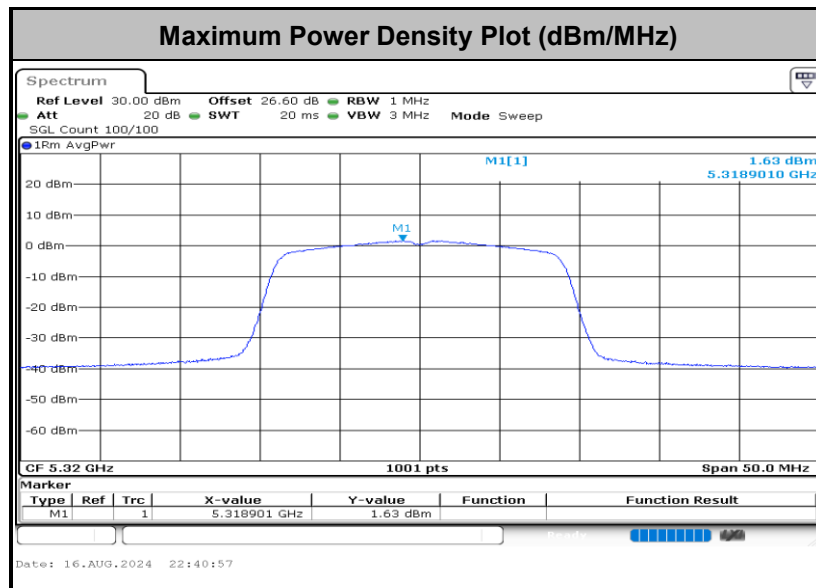


Test Result of Power Spectral Density

<802.11a>

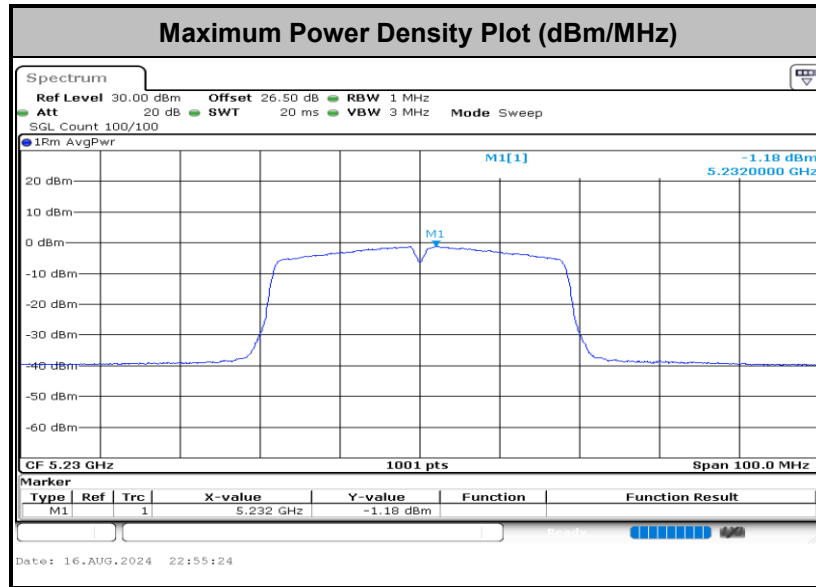


<802.1an HT20>

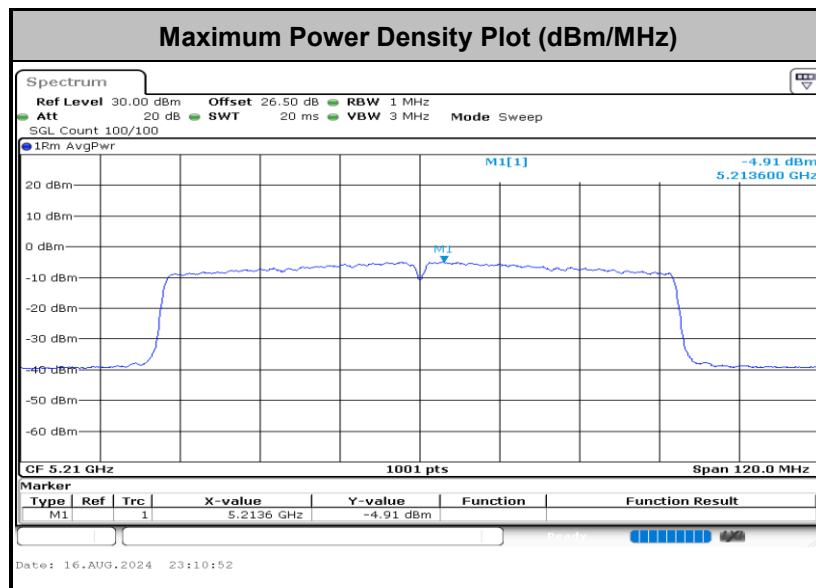




<802.11n HT40>



<802.11ac VHT80>





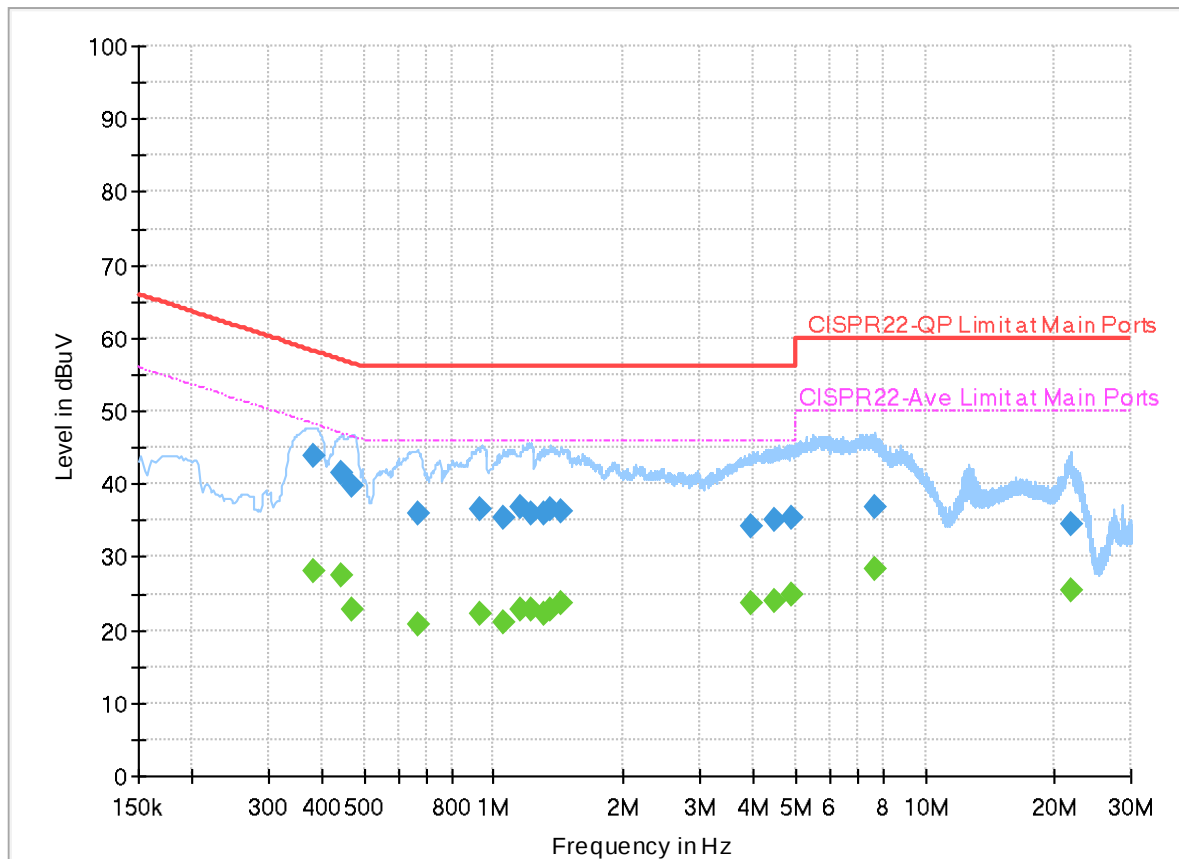
## **Appendix B. AC Conducted Emission Test Results**

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

## EUT Information

Report NO : 471715  
 Test Mode : Mode 1  
 Test Voltage : 120Vac/60Hz  
 Phase : Line

Full Spectrum



## Final\_Result

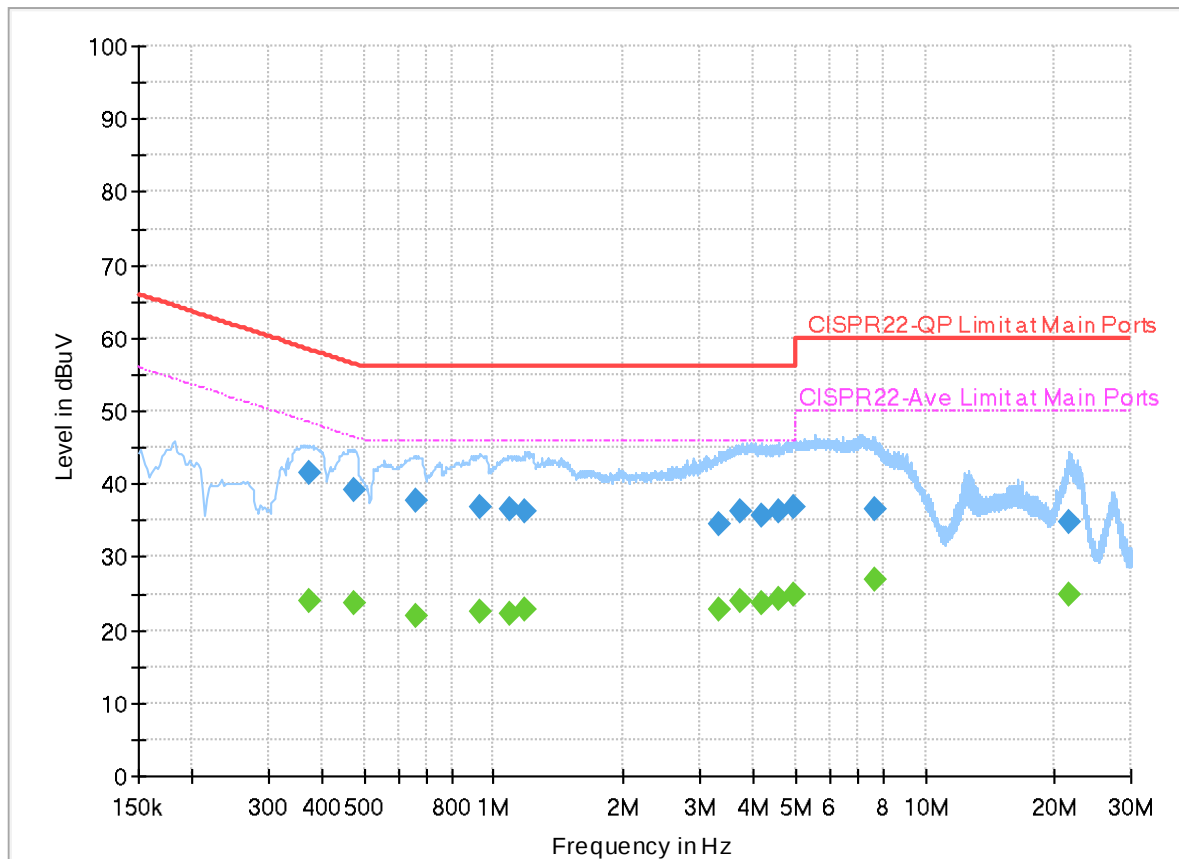
| Frequency (MHz) | QuasiPeak (dBuV) | CAverage (dBuV) | Limit (dBuV) | Margin (dB) | Line | Filter | Corr. (dB) |
|-----------------|------------------|-----------------|--------------|-------------|------|--------|------------|
| 0.379860        | ---              | 27.94           | 48.28        | 20.34       | L1   | OFF    | 19.9       |
| 0.379860        | 43.73            | ---             | 58.28        | 14.55       | L1   | OFF    | 19.9       |
| 0.443580        | ---              | 27.37           | 46.99        | 19.62       | L1   | OFF    | 19.9       |
| 0.443580        | 41.63            | ---             | 56.99        | 15.36       | L1   | OFF    | 19.9       |
| 0.469500        | ---              | 22.86           | 46.52        | 23.66       | L1   | OFF    | 19.9       |
| 0.469500        | 39.89            | ---             | 56.52        | 16.63       | L1   | OFF    | 19.9       |
| 0.669750        | ---              | 20.67           | 46.00        | 25.33       | L1   | OFF    | 19.9       |
| 0.669750        | 36.02            | ---             | 56.00        | 19.98       | L1   | OFF    | 19.9       |
| 0.933000        | ---              | 22.16           | 46.00        | 23.84       | L1   | OFF    | 19.9       |
| 0.933000        | 36.64            | ---             | 56.00        | 19.36       | L1   | OFF    | 19.9       |
| 1.056750        | ---              | 21.16           | 46.00        | 24.84       | L1   | OFF    | 19.9       |
| 1.056750        | 35.31            | ---             | 56.00        | 20.69       | L1   | OFF    | 19.9       |
| 1.147110        | ---              | 22.83           | 46.00        | 23.17       | L1   | OFF    | 19.9       |
| 1.147110        | 36.88            | ---             | 56.00        | 19.12       | L1   | OFF    | 19.9       |
| 1.214250        | ---              | 22.91           | 46.00        | 23.09       | L1   | OFF    | 19.9       |
| 1.214250        | 36.08            | ---             | 56.00        | 19.92       | L1   | OFF    | 19.9       |
| 1.299930        | ---              | 22.34           | 46.00        | 23.66       | L1   | OFF    | 19.9       |
| 1.299930        | 35.88            | ---             | 56.00        | 20.12       | L1   | OFF    | 19.9       |
| 1.356000        | ---              | 22.94           | 46.00        | 23.06       | L1   | OFF    | 19.9       |

|           |       |       |       |       |    |     |      |
|-----------|-------|-------|-------|-------|----|-----|------|
| 1.356000  | 36.69 | ---   | 56.00 | 19.31 | L1 | OFF | 19.9 |
| 1.434570  | ---   | 23.81 | 46.00 | 22.19 | L1 | OFF | 19.9 |
| 1.434570  | 36.24 | ---   | 56.00 | 19.76 | L1 | OFF | 19.9 |
| 3.927750  | ---   | 23.58 | 46.00 | 22.42 | L1 | OFF | 20.0 |
| 3.927750  | 34.23 | ---   | 56.00 | 21.77 | L1 | OFF | 20.0 |
| 4.461990  | ---   | 24.02 | 46.00 | 21.98 | L1 | OFF | 20.0 |
| 4.461990  | 35.01 | ---   | 56.00 | 20.99 | L1 | OFF | 20.0 |
| 4.876980  | ---   | 24.98 | 46.00 | 21.02 | L1 | OFF | 20.0 |
| 4.876980  | 35.50 | ---   | 56.00 | 20.50 | L1 | OFF | 20.0 |
| 7.631250  | ---   | 28.27 | 50.00 | 21.73 | L1 | OFF | 20.0 |
| 7.631250  | 36.72 | ---   | 60.00 | 23.28 | L1 | OFF | 20.0 |
| 21.738570 | ---   | 25.35 | 50.00 | 24.65 | L1 | OFF | 20.1 |
| 21.738570 | 34.51 | ---   | 60.00 | 25.49 | L1 | OFF | 20.1 |

## EUT Information

Report NO : 471715  
 Test Mode : Mode 1  
 Test Voltage : 120Vac/60Hz  
 Phase : Neutral

Full Spectrum



## Final\_Result

| Frequency (MHz) | QuasiPeak (dBuV) | CAverage (dBuV) | Limit (dBuV) | Margin (dB) | Line | Filter | Corr. (dB) |
|-----------------|------------------|-----------------|--------------|-------------|------|--------|------------|
| 0.371490        | ---              | 24.11           | 48.47        | 24.36       | N    | OFF    | 19.9       |
| 0.371490        | 41.55            | ---             | 58.47        | 16.92       | N    | OFF    | 19.9       |
| 0.474360        | ---              | 23.57           | 46.44        | 22.87       | N    | OFF    | 19.9       |
| 0.474360        | 39.08            | ---             | 56.44        | 17.36       | N    | OFF    | 19.9       |
| 0.658950        | ---              | 21.93           | 46.00        | 24.07       | N    | OFF    | 19.9       |
| 0.658950        | 37.86            | ---             | 56.00        | 18.14       | N    | OFF    | 19.9       |
| 0.929670        | ---              | 22.63           | 46.00        | 23.37       | N    | OFF    | 19.9       |
| 0.929670        | 36.92            | ---             | 56.00        | 19.08       | N    | OFF    | 19.9       |
| 1.091760        | ---              | 22.15           | 46.00        | 23.85       | N    | OFF    | 19.9       |
| 1.091760        | 36.64            | ---             | 56.00        | 19.36       | N    | OFF    | 19.9       |
| 1.174650        | ---              | 22.79           | 46.00        | 23.21       | N    | OFF    | 19.9       |
| 1.174650        | 36.35            | ---             | 56.00        | 19.65       | N    | OFF    | 19.9       |
| 3.338250        | ---              | 22.76           | 46.00        | 23.24       | N    | OFF    | 20.0       |
| 3.338250        | 34.59            | ---             | 56.00        | 21.41       | N    | OFF    | 20.0       |
| 3.749550        | ---              | 23.85           | 46.00        | 22.15       | N    | OFF    | 20.0       |
| 3.749550        | 36.19            | ---             | 56.00        | 19.81       | N    | OFF    | 20.0       |
| 4.157790        | ---              | 23.83           | 46.00        | 22.17       | N    | OFF    | 20.0       |
| 4.157790        | 35.58            | ---             | 56.00        | 20.42       | N    | OFF    | 20.0       |
| 4.562790        | ---              | 24.34           | 46.00        | 21.66       | N    | OFF    | 20.0       |

|           |       |       |       |       |   |     |      |
|-----------|-------|-------|-------|-------|---|-----|------|
| 4.562790  | 36.15 | ---   | 56.00 | 19.85 | N | OFF | 20.0 |
| 4.985160  | ---   | 24.97 | 46.00 | 21.03 | N | OFF | 20.0 |
| 4.985160  | 36.79 | ---   | 56.00 | 19.21 | N | OFF | 20.0 |
| 7.606500  | ---   | 26.83 | 50.00 | 23.17 | N | OFF | 20.0 |
| 7.606500  | 36.41 | ---   | 60.00 | 23.59 | N | OFF | 20.0 |
| 21.642540 | ---   | 24.85 | 50.00 | 25.15 | N | OFF | 20.2 |
| 21.642540 | 34.93 | ---   | 60.00 | 25.07 | N | OFF | 20.2 |



## Appendix C. Radiated Spurious Emission Test Data

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

### C1. Radiated Spurious Emission Test Modes

| Mode    | Band     | Band (GHz) | Antenna | Modulation     | Channel | Frequency | Data Rate | RU | Remark |
|---------|----------|------------|---------|----------------|---------|-----------|-----------|----|--------|
| Mode 1  | U-NII-1  | 5.15-5.25  | 1       | 802.11a Tx     | 36      | 5180      | 6Mbps     | -  | -      |
| Mode 2  | U-NII-1  | 5.15-5.25  | 1       | 802.11a Tx     | 44      | 5220      | 6Mbps     | -  | -      |
| Mode 3  | U-NII-1  | 5.15-5.25  | 1       | 802.11a Tx     | 48      | 5240      | 6Mbps     | -  | -      |
| Mode 4  | U-NII-1  | 5.15-5.25  | 1       | 802.11n HT20   | 36      | 5180      | 6Mbps     | -  | -      |
| Mode 5  | U-NII-1  | 5.15-5.25  | 1       | 802.11n HT20   | 44      | 5220      | 6Mbps     | -  | -      |
| Mode 6  | U-NII-1  | 5.15-5.25  | 1       | 802.11n HT20   | 48      | 5240      | 6Mbps     | -  | -      |
| Mode 7  | U-NII-1  | 5.15-5.25  | 1       | 802.11n HT40   | 38      | 5190      | 6Mbps     | -  | -      |
| Mode 8  | U-NII-1  | 5.15-5.25  | 1       | 802.11n HT40   | 46      | 5230      | 6Mbps     | -  | -      |
| Mode 9  | U-NII-1  | 5.15-5.25  | 1       | 802.11ac VHT80 | 42      | 5210      | 6Mbps     | -  | -      |
| Mode 10 | U-NII-2A | 5.25-5.35  | 1       | 802.11a Tx     | 52      | 5260      | 6Mbps     | -  | -      |
| Mode 11 | U-NII-2A | 5.25-5.35  | 1       | 802.11a Tx     | 60      | 5300      | MCS0      | -  | -      |
| Mode 12 | U-NII-2A | 5.25-5.35  | 1       | 802.11a Tx     | 64      | 5320      | MCS0      | -  | -      |
| Mode 13 | U-NII-2A | 5.25-5.35  | 1       | 802.11n HT20   | 52      | 5260      | MCS0      | -  | -      |
| Mode 14 | U-NII-2A | 5.25-5.35  | 1       | 802.11n HT20   | 60      | 5300      | MCS0      | -  | -      |
| Mode 15 | U-NII-2A | 5.25-5.35  | 1       | 802.11n HT20   | 64      | 5320      | MCS0      | -  | -      |
| Mode 16 | U-NII-2A | 5.25-5.35  | 1       | 802.11n HT40   | 54      | 5270      | MCS0      | -  | -      |
| Mode 17 | U-NII-2A | 5.25-5.35  | 1       | 802.11n HT40   | 62      | 5310      | MCS0      | -  | -      |



| Mode    | Band     | Band<br>(GHz) | Antenna | Modulation     | Channel | Frequency | Data<br>Rate | RU | Remark |
|---------|----------|---------------|---------|----------------|---------|-----------|--------------|----|--------|
| Mode 18 | U-NII-2A | 5.25-5.35     | 1       | 802.11ac VHT80 | 58      | 5290      | MCS0         | -  | -      |
| Mode 19 | U-NII-2C | 5.15-5.25     | 1       | 802.11a Tx     | 100     | 5500      | MCS0         | -  | -      |
| Mode 20 | U-NII-2C | 5.15-5.25     | 1       | 802.11a Tx     | 116     | 5580      | MCS0         | -  | -      |
| Mode 21 | U-NII-2C | 5.15-5.25     | 1       | 802.11a Tx     | 140     | 5700      | MCS0         | -  | -      |
| Mode 22 | U-NII-2C | 5.15-5.25     | 1       | 802.11n HT20   | 100     | 5500      | MCS0         | -  | -      |
| Mode 23 | U-NII-2C | 5.15-5.25     | 1       | 802.11n HT20   | 116     | 5580      | MCS0         | -  | -      |
| Mode 24 | U-NII-2C | 5.15-5.25     | 1       | 802.11n HT20   | 140     | 5700      | MCS0         | -  | -      |
| Mode 25 | U-NII-2C | 5.15-5.25     | 1       | 802.11n HT40   | 102     | 5510      | MCS0         | -  | -      |
| Mode 26 | U-NII-2C | 5.15-5.25     | 1       | 802.11n HT40   | 110     | 5550      | MCS0         | -  | -      |
| Mode 27 | U-NII-2C | 5.15-5.25     | 1       | 802.11n HT40   | 134     | 5670      | MCS0         | -  | -      |
| Mode 28 | U-NII-2C | 5.15-5.25     | 1       | 802.11ac VHT80 | 106     | 5530      | MCS0         | -  | -      |
| Mode 29 | U-NII-2A | 5.25-5.35     | 1       | 802.11ac VHT80 | 58      | 5290      | MCS0         | -  | LF     |
| Mode 41 | U-NII-2A | 5.25-5.35     | 1       | 802.11ac VHT80 | 58      | 5290      | MCS0         | -  | 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    |
|------|--------------|-----|----------------|-------------------|-------------------|----------------|------|--------------|--------|----|-----------|
| 1    | 802.11a Tx   | 36  | 5147.96        | 45.87             | 54.00             | -8.13          | H    | Avg.         | Pass   | -  | Band Edge |
|      | 802.11a Tx   | 36  | 10360.00       | 47.17             | 68.20             | -21.03         | V    | Peak         | Pass   | -  | Harmonic  |
| 2    | 802.11a Tx   | 44  | 5143.22        | 44.56             | 54.00             | -9.44          | H    | Avg.         | Pass   | -  | Band Edge |
|      | 802.11a Tx   | 44  | 10440.00       | 46.11             | 68.20             | -22.09         | V    | Peak         | Pass   | -  | Harmonic  |
| 3    | 802.11a Tx   | 48  | 5145.20        | 44.16             | 54.00             | -9.84          | H    | Avg.         | Pass   | -  | Band Edge |
|      | 802.11a Tx   | 48  | 10480.00       | 47.40             | 68.20             | -20.80         | H    | Peak         | Pass   | -  | Harmonic  |
| 4    | 802.11n HT20 | 36  | 5149.22        | 45.52             | 54.00             | -8.48          | H    | Avg.         | Pass   | -  | Band Edge |
|      | 802.11n HT20 | 36  | 10360.00       | 47.07             | 68.20             | -21.13         | H    | Peak         | Pass   | -  | Harmonic  |
| 5    | 802.11n HT20 | 44  | 5146.08        | 44.24             | 54.00             | -9.76          | H    | Avg.         | Pass   | -  | Band Edge |
|      | 802.11n HT20 | 44  | 10440.00       | 46.91             | 68.20             | -21.29         | H    | Peak         | Pass   | -  | Harmonic  |
| 6    | 802.11n HT20 | 48  | 5144.96        | 43.88             | 54.00             | -10.12         | H    | Avg.         | Pass   | -  | Band Edge |
|      | 802.11n HT20 | 48  | 10480.00       | 47.81             | 68.20             | -20.39         | 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    |
|------|----------------|-----|----------------|-------------------|-------------------|----------------|------|--------------|--------|----|-----------|
| 7    | 802.11n HT40   | 38  | 5148.77        | 50.04             | 54.00             | -3.96          | H    | Avg.         | Pass   | -  | Band Edge |
|      | 802.11n HT40   | 38  | 10380.00       | 47.40             | 68.20             | -20.80         | H    | Peak         | Pass   | -  | Harmonic  |
| 8    | 802.11n HT40   | 46  | 5149.96        | 44.73             | 54.00             | -9.27          | H    | Avg.         | Pass   | -  | Band Edge |
|      | 802.11n HT40   | 46  | 10460.00       | 47.11             | 68.20             | -21.09         | V    | Peak         | Pass   | -  | Harmonic  |
| 9    | 802.11ac VHT80 | 42  | 5149.94        | 50.55             | 54.00             | -3.45          | H    | Avg.         | Pass   | -  | Band Edge |
|      | 802.11ac VHT80 | 42  | 10420.00       | 47.02             | 68.20             | -21.18         | V    | Peak         | Pass   | -  | Harmonic  |
| 10   | 802.11a Tx     | 52  | 5087.88        | 43.52             | 54.00             | -10.48         | H    | Avg.         | Pass   | -  | Band Edge |
|      | 802.11a Tx     | 52  | 10520.00       | 45.55             | 68.20             | -22.65         | V    | Peak         | Pass   | -  | Harmonic  |
| 11   | 802.11a Tx     | 60  | 5353.76        | 44.41             | 54.00             | -9.59          | H    | Avg.         | Pass   | -  | Band Edge |
|      | 802.11a Tx     | 60  | 10600.00       | 45.80             | 74.00             | -28.20         | V    | Peak         | Pass   | -  | Harmonic  |
| 12   | 802.11a Tx     | 64  | 5350.24        | 45.91             | 54.00             | -8.09          | H    | Avg.         | Pass   | -  | Band Edge |
|      | 802.11a Tx     | 64  | 10640.00       | 46.27             | 74.00             | -27.73         | H    | Peak         | Pass   | -  | Harmonic  |
| 13   | 802.11n HT20   | 52  | 5090.48        | 43.48             | 54.00             | -10.52         | H    | Avg.         | Pass   | -  | Band Edge |
|      | 802.11n HT20   | 52  | 10520.00       | 47.40             | 68.20             | -20.80         | V    | Peak         | Pass   | -  | Harmonic  |
| 14   | 802.11n HT20   | 60  | 5351.52        | 44.34             | 54.00             | -9.66          | H    | Avg.         | Pass   | -  | Band Edge |
|      | 802.11n HT20   | 60  | 10600.00       | 46.97             | 74.00             | -27.03         | V    | 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    |
|------|----------------|-----|----------------|-------------------|-------------------|----------------|------|--------------|--------|----|-----------|
| 15   | 802.11n HT20   | 64  | 5351.22        | 46.21             | 54.00             | -7.79          | H    | Avg.         | Pass   | -  | Band Edge |
|      | 802.11n HT20   | 64  | 10640.00       | 46.38             | 74.00             | -27.62         | H    | Peak         | Pass   | -  | Harmonic  |
| 16   | 802.11n HT40   | 54  | 5098.01        | 44.02             | 54.00             | -9.98          | H    | Avg.         | Pass   | -  | Band Edge |
|      | 802.11n HT40   | 54  | 10540.00       | 47.16             | 68.20             | -21.04         | V    | Peak         | Pass   | -  | Harmonic  |
| 17   | 802.11n HT40   | 62  | 5350.05        | 49.89             | 54.00             | -4.11          | H    | Avg.         | Pass   | -  | Band Edge |
|      | 802.11n HT40   | 62  | 15930.00       | 46.62             | 74.00             | -27.38         | H    | Peak         | Pass   | -  | Harmonic  |
| 18   | 802.11ac VHT80 | 58  | 5350.01        | 51.68             | 54.00             | -2.32          | H    | Avg.         | Pass   | -  | Band Edge |
|      | 802.11ac VHT80 | 58  | 10580.00       | 45.48             | 68.20             | -22.72         | H    | Peak         | Pass   | -  | Harmonic  |
| 19   | 802.11a Tx     | 100 | 5459.95        | 45.07             | 54.00             | -8.93          | H    | Avg.         | Pass   | -  | Band Edge |
|      | 802.11a Tx     | 100 | 16500.00       | 47.33             | 68.20             | -20.87         | V    | Peak         | Pass   | -  | Harmonic  |
| 20   | 802.11a Tx     | 116 | 5458.79        | 41.66             | 54.00             | -12.34         | V    | Avg.         | Pass   | -  | Band Edge |
|      | 802.11a Tx     | 116 | 16740.00       | 47.84             | 68.20             | -20.36         | V    | Peak         | Pass   | -  | Harmonic  |
| 21   | 802.11a Tx     | 140 | 5726.00        | 60.06             | 68.20             | -8.14          | H    | Peak         | Pass   | -  | Band Edge |
|      | 802.11a Tx     | 140 | 17100.00       | 47.67             | 68.20             | -20.53         | H    | Peak         | Pass   | -  | Harmonic  |
| 22   | 802.11n HT20   | 100 | 5466.40        | 61.33             | 68.20             | -6.87          | V    | Peak         | Pass   | -  | Band Edge |
|      | 802.11n HT20   | 100 | 16500.00       | 47.56             | 68.20             | -20.64         | V    | Peak         | Pass   | -  | Harmonic  |

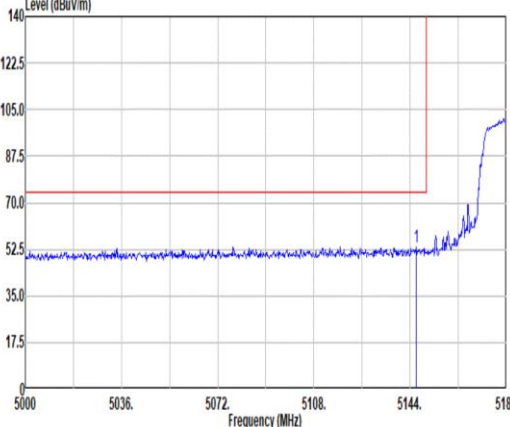
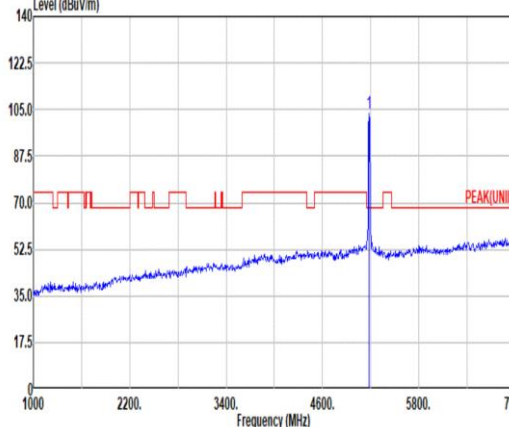
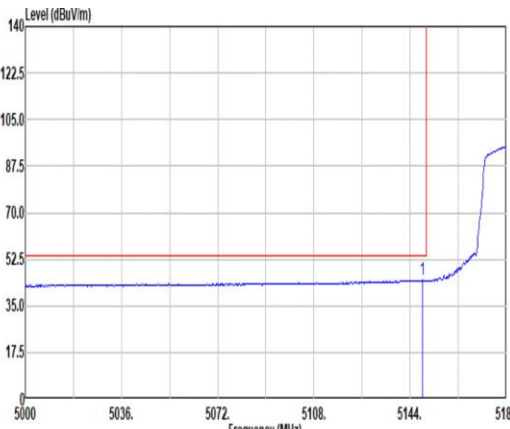
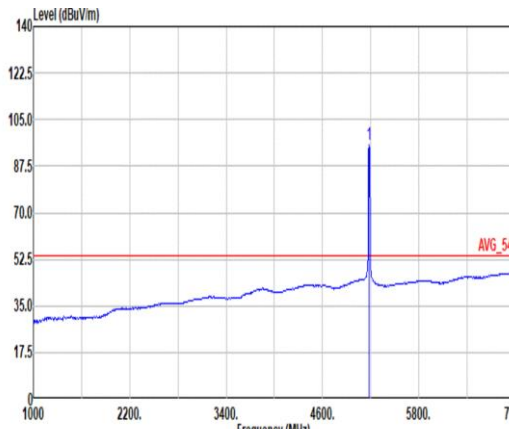


| Mode | Modulation     | Ch. | Freq.<br>(MHz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Pol. | Peak<br>Avg. | Result | RU | Remark    |
|------|----------------|-----|----------------|-------------------|-------------------|----------------|------|--------------|--------|----|-----------|
| 23   | 802.11n HT20   | 116 | 5459.25        | 42.89             | 54.00             | -11.11         | H    | Avg.         | Pass   | -  | Band Edge |
|      | 802.11n HT20   | 116 | 16740.00       | 47.99             | 68.20             | -20.21         | V    | Peak         | Pass   | -  | Harmonic  |
| 24   | 802.11n HT20   | 140 | 5725.03        | 62.07             | 68.20             | -6.13          | V    | Peak         | Pass   | -  | Band Edge |
|      | 802.11n HT20   | 140 | 17100.00       | 49.61             | 68.20             | -18.59         | H    | Peak         | Pass   | -  | Harmonic  |
| 25   | 802.11n HT40   | 102 | 5470.00        | 65.63             | 68.20             | -2.57          | V    | Peak         | Pass   | -  | Band Edge |
|      | 802.11n HT40   | 102 | 16530.00       | 47.43             | 68.20             | -20.77         | V    | Peak         | Pass   | -  | Harmonic  |
| 26   | 802.11n HT40   | 110 | 5459.60        | 43.76             | 54.00             | -10.24         | H    | Avg.         | Pass   | -  | Band Edge |
|      | 802.11n HT40   | 110 | 16650.00       | 47.75             | 68.20             | -20.45         | V    | Peak         | Pass   | -  | Harmonic  |
| 27   | 802.11n HT40   | 134 | 5727.67        | 57.24             | 68.20             | -10.96         | H    | Peak         | Pass   | -  | Band Edge |
|      | 802.11n HT40   | 134 | 17010.00       | 47.38             | 68.20             | -20.82         | V    | Peak         | Pass   | -  | Harmonic  |
| 28   | 802.11ac VHT80 | 106 | 5457.64        | 51.49             | 54.00             | -2.51          | H    | Avg.         | Pass   | -  | Band Edge |
|      | 802.11ac VHT80 | 106 | 16590.00       | 47.94             | 68.20             | -20.26         | V    | Peak         | Pass   | -  | Harmonic  |
| 29   | LF             | 58  | 39.70          | 31.94             | 40.00             | -8.06          | V    | QP           | Pass   | -  | LF        |
| 41   | SHF            | 58  | 39288.83       | 49.89             | 54.00             | -4.11          | H    | Avg.         | Pass   | -  | SHF       |

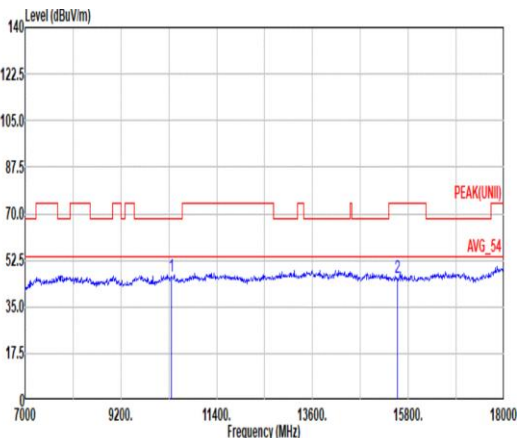
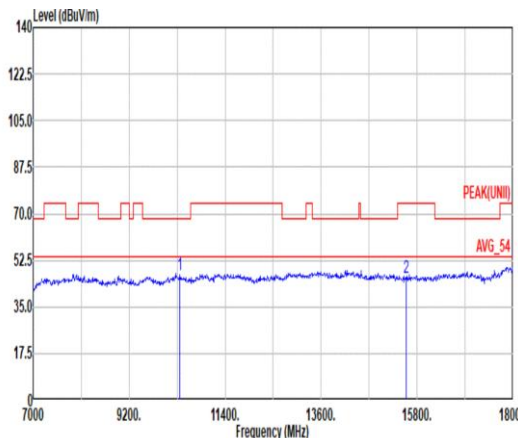


|      |                                           | 1 |  |  |  |  |  |  |  |  |  |
|------|-------------------------------------------|---|--|--|--|--|--|--|--|--|--|
| Mode | Band Edge                                 |   |  |  |  |  |  |  |  |  |  |
|      | U-NII-1_5.15-5.25_802.11a Tx_CH36_5180MHz |   |  |  |  |  |  |  |  |  |  |
| ANT  | 1                                         |   |  |  |  |  |  |  |  |  |  |
| Pol. | Horizontal                                |   |  |  |  |  |  |  |  |  |  |
| Peak | Fundamental                               |   |  |  |  |  |  |  |  |  |  |
|      | Fundamental                               |   |  |  |  |  |  |  |  |  |  |
| Peak | Fundamental                               |   |  |  |  |  |  |  |  |  |  |
|      | Fundamental                               |   |  |  |  |  |  |  |  |  |  |
| Avg  | Fundamental                               |   |  |  |  |  |  |  |  |  |  |
|      | Fundamental                               |   |  |  |  |  |  |  |  |  |  |

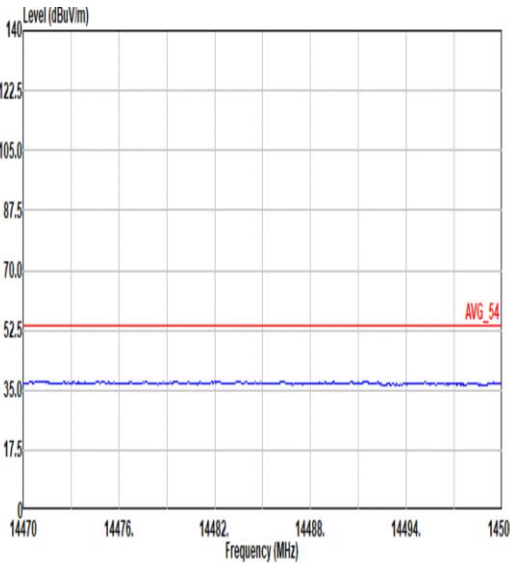
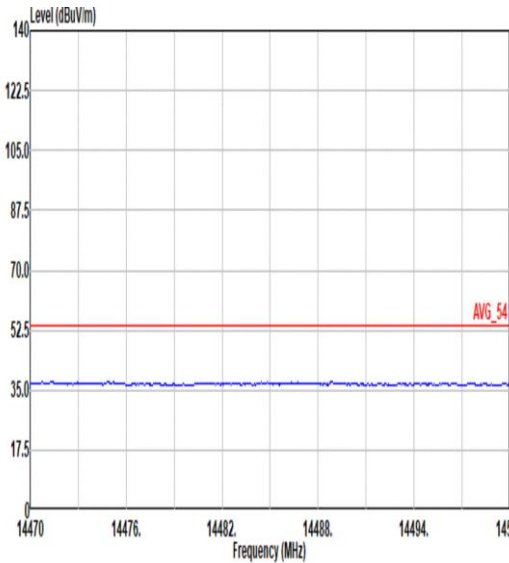
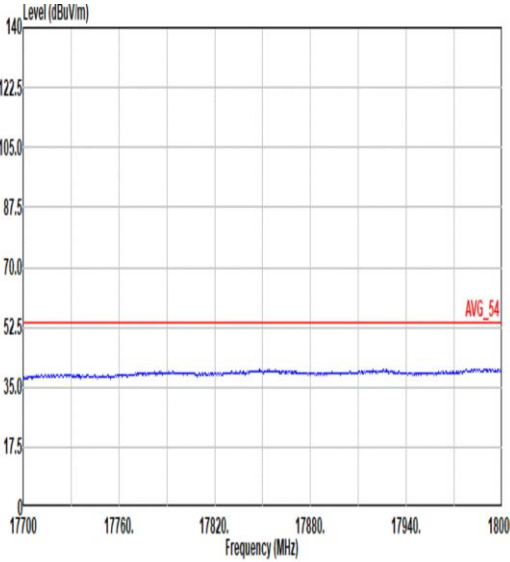
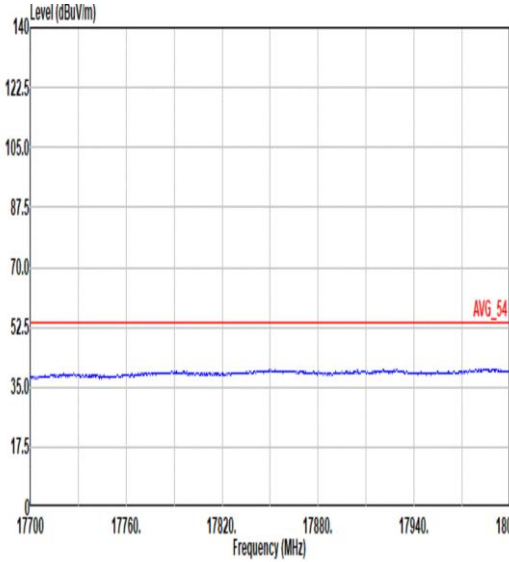


|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1      |        |        |        |       |             |        |        |     |       |         |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |    |      |      |    |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |     |         |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|--------|--------|-------|-------------|--------|--------|-----|-------|---------|-----|------|------|--------|------|-------|------|--------|-------|--------|------|--------|--------|--|--|-----|--------|----|------|------|----|----|----|----|-----|---|---------|-------|-------|--------|-------|-------|-------|-------|------|-----|-----|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|-------|------|-----|-------|--------|-----|------|------|--------|------|-------|------|--------|-------|--------|------|--------|--------|--|--|-----|--------|----|------|------|----|----|----|----|-----|---|---------|--------|-------|-------|-------|-------|-------|-------|------|-----|-----|---------|
| Mode | Band Edge                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |        |        |        |        |       |             |        |        |     |       |         |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |    |      |      |    |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |     |         |
|      | U-NII-1_5.15-5.25_802.11a Tx_CH36_5180MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |        |        |        |        |       |             |        |        |     |       |         |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |    |      |      |    |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |     |         |
| ANT  | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |        |        |        |        |       |             |        |        |     |       |         |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |    |      |      |    |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |     |         |
| Pol. | Vertical                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |        |        |        |        |       | Fundamental |        |        |     |       |         |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |    |      |      |    |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |     |         |
| Peak | <div></div> <div>Site : 03CH11-HY<br/>Condition: PEAK_BE_74 3m 91200_01620_230817 VERTICAL<br/>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</div> <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</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5146.34</td><td>53.36</td><td>74.00</td><td>-20.64</td><td>42.67</td><td>33.20</td><td>10.36</td><td>32.87</td><td>0.00</td><td>385</td><td>107</td><td>PEAK</td></tr></table> |        |        |        |        |       |             | Limit  | Read   | Ant | Cable | Preamp  | Aux | APos | TPos | Remark | Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor |  |  | MHz | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | cm | deg | 1 | 5146.34 | 53.36 | 74.00 | -20.64 | 42.67 | 33.20 | 10.36 | 32.87 | 0.00 | 385 | 107 | PEAK    | <div></div> <div>Site : 03CH11-HY<br/>Condition: PEAK(UNII) 3m 91200_01620_230817 VERTICAL<br/>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</div> <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</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5180.00</td><td>103.36</td><td>-----</td><td>-----</td><td>92.70</td><td>33.14</td><td>10.39</td><td>32.87</td><td>0.00</td><td>385</td><td>107</td><td>PEAK</td></tr></table> |  |  |  |  |  |  | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor |  |  | MHz | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | cm | deg | 1 | 5180.00 | 103.36 | ----- | ----- | 92.70 | 33.14 | 10.39 | 32.87 | 0.00 | 385 | 107 | PEAK    |
|      | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Read   | Ant    | Cable  | Preamp | Aux   | APos        | TPos   | Remark |     |       |         |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |    |      |      |    |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |     |         |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Line   | Margin | Level  | Factor | Loss  | Factor      | Factor |        |     |       |         |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |    |      |      |    |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |     |         |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | dBuV/m | dB     | dBuV   | dB/m   | dB    | dB          | dB     | cm     | deg |       |         |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |    |      |      |    |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |     |         |
| 1    | 5146.34                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 53.36  | 74.00  | -20.64 | 42.67  | 33.20 | 10.36       | 32.87  | 0.00   | 385 | 107   | PEAK    |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |    |      |      |    |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |     |         |
|      | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Read   | Ant    | Cable  | Preamp | Aux   | APos        | TPos   | Remark |     |       |         |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |    |      |      |    |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |     |         |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Line   | Margin | Level  | Factor | Loss  | Factor      | Factor |        |     |       |         |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |    |      |      |    |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |     |         |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | dBuV/m | dB     | dBuV   | dB/m   | dB    | dB          | dB     | cm     | deg |       |         |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |    |      |      |    |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |     |         |
| 1    | 5180.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 103.36 | -----  | -----  | 92.70  | 33.14 | 10.39       | 32.87  | 0.00   | 385 | 107   | PEAK    |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |    |      |      |    |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |     |         |
| Avg  | <div></div> <div>Site : 03CH11-HY<br/>Condition: AVG_BE_54 3m 91200_01620_230817 VERTICAL<br/>: RBW:1000.000kHz VBW:0.020kHz SWT:Auto</div> <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</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5146.60</td><td>44.74</td><td>54.00</td><td>-9.26</td><td>34.04</td><td>33.20</td><td>10.37</td><td>32.87</td><td>0.00</td><td>385</td><td>107</td><td>AVERAGE</td></tr></table>  |        |        |        |        |       |             | Limit  | Read   | Ant | Cable | Preamp  | Aux | APos | TPos | Remark | Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor |  |  | MHz | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | cm | deg | 1 | 5146.60 | 44.74 | 54.00 | -9.26  | 34.04 | 33.20 | 10.37 | 32.87 | 0.00 | 385 | 107 | AVERAGE | <div></div> <div>Site : 03CH11-HY<br/>Condition: AVG_54 3m 91200_01620_230817 VERTICAL<br/>: RBW:1000.000kHz VBW:0.020kHz SWT:Auto</div> <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</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5180.00</td><td>95.84</td><td>-----</td><td>-----</td><td>85.18</td><td>33.14</td><td>10.39</td><td>32.87</td><td>0.00</td><td>385</td><td>107</td><td>AVERAGE</td></tr></table>     |  |  |  |  |  |  | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor |  |  | MHz | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | cm | deg | 1 | 5180.00 | 95.84  | ----- | ----- | 85.18 | 33.14 | 10.39 | 32.87 | 0.00 | 385 | 107 | AVERAGE |
|      | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Read   | Ant    | Cable  | Preamp | Aux   | APos        | TPos   | Remark |     |       |         |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |    |      |      |    |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |     |         |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Line   | Margin | Level  | Factor | Loss  | Factor      | Factor |        |     |       |         |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |    |      |      |    |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |     |         |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | dBuV/m | dB     | dBuV   | dB/m   | dB    | dB          | dB     | cm     | deg |       |         |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |    |      |      |    |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |     |         |
| 1    | 5146.60                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 44.74  | 54.00  | -9.26  | 34.04  | 33.20 | 10.37       | 32.87  | 0.00   | 385 | 107   | AVERAGE |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |    |      |      |    |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |     |         |
|      | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Read   | Ant    | Cable  | Preamp | Aux   | APos        | TPos   | Remark |     |       |         |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |    |      |      |    |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |     |         |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Line   | Margin | Level  | Factor | Loss  | Factor      | Factor |        |     |       |         |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |    |      |      |    |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |     |         |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | dBuV/m | dB     | dBuV   | dB/m   | dB    | dB          | dB     | cm     | deg |       |         |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |    |      |      |    |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |     |         |
| 1    | 5180.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 95.84  | -----  | -----  | 85.18  | 33.14 | 10.39       | 32.87  | 0.00   | 385 | 107   | AVERAGE |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |    |      |      |    |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |     |         |

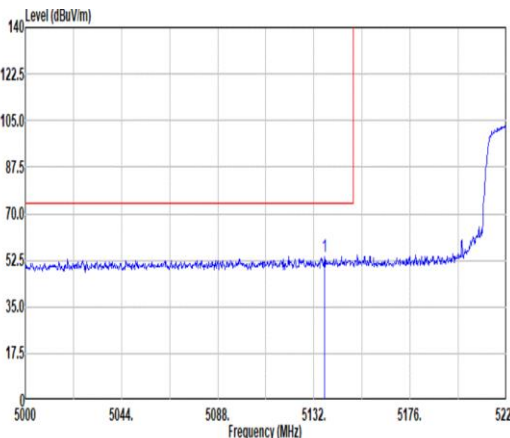
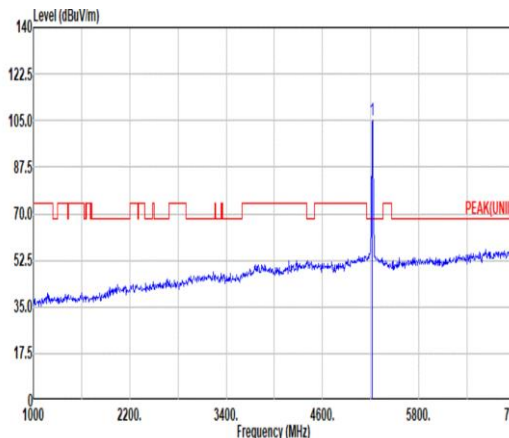
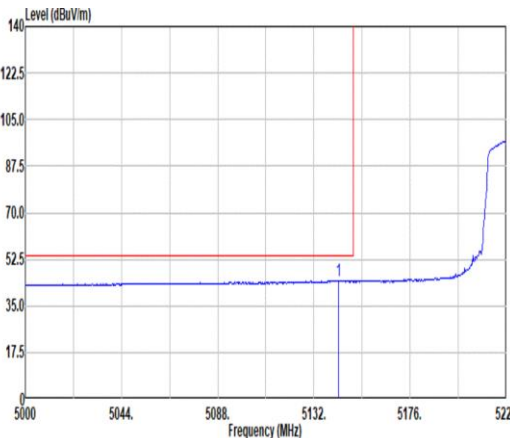
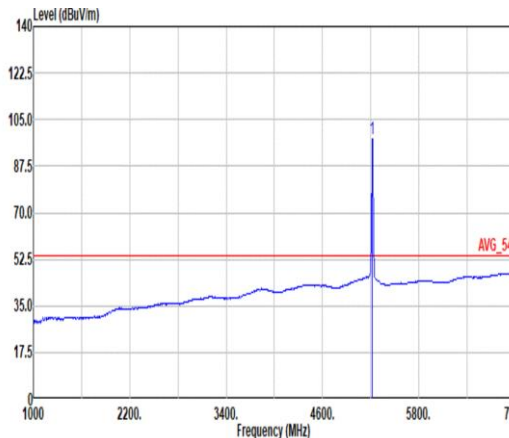


| Mode            | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |          |        |        |        |        |        |        |        |      |      |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |   |          |       |       |        |       |       |       |       |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |   |          |       |       |        |       |       |       |       |      |    |      |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|--------|--------|--------|--------|--------|--------|--------|------|------|------|-------|------|--------|-------|--------|------|--------|--------|--------|--|-----|--------|--------|----|------|------|----|----|----|-----|---|----------|-------|-------|--------|-------|-------|-------|-------|------|----|------|---|----------|-------|-------|--------|-------|-------|-------|-------|------|----|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------|------|-----|-------|--------|-----|------|------|--|------|-------|------|--------|-------|--------|------|--------|--------|--------|--|-----|--------|--------|----|------|------|----|----|----|-----|---|----------|-------|-------|--------|-------|-------|-------|-------|------|----|------|---|----------|-------|-------|--------|-------|-------|-------|-------|------|----|------|
|                 | Harmonic                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |          |        |        |        |        |        |        |        |      |      |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |   |          |       |       |        |       |       |       |       |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |   |          |       |       |        |       |       |       |       |      |    |      |
|                 | U-NII-1_5.15-5.25_802.11a Tx_CH36_5180MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |        |        |        |        |        |        |        |      |      |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |   |          |       |       |        |       |       |       |       |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |   |          |       |       |        |       |       |       |       |      |    |      |
| ANT             | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |          |        |        |        |        |        |        |        |      |      |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |   |          |       |       |        |       |       |       |       |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |   |          |       |       |        |       |       |       |       |      |    |      |
| Pol.            | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Vertical |        |        |        |        |        |        |        |      |      |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |   |          |       |       |        |       |       |       |       |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |   |          |       |       |        |       |       |       |       |      |    |      |
| Peak<br><br>Avg | <div><p>Site : 03CH11-HY<br/>Condition: PEAK(UNII) 3m 91200_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</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>10360.00</td><td>46.23</td><td>68.20</td><td>-21.97</td><td>50.15</td><td>38.00</td><td>17.53</td><td>60.53</td><td>0.28</td><td>--</td><td>PEAK</td></tr><tr><td>2</td><td>15540.00</td><td>45.77</td><td>74.00</td><td>-28.23</td><td>48.36</td><td>38.00</td><td>21.57</td><td>62.36</td><td>0.20</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 | dBuV | dB/m | dB | dB | cm | deg | 1 | 10360.00 | 46.23 | 68.20 | -21.97 | 50.15 | 38.00 | 17.53 | 60.53 | 0.28 | -- | PEAK | 2 | 15540.00 | 45.77 | 74.00 | -28.23 | 48.36 | 38.00 | 21.57 | 62.36 | 0.20 | -- | PEAK | <div><p>Site : 03CH11-HY<br/>Condition: PEAK(UNII) 3m 91200_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</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>10360.00</td><td>47.17</td><td>68.20</td><td>-21.03</td><td>51.09</td><td>38.00</td><td>17.53</td><td>60.53</td><td>0.28</td><td>--</td><td>PEAK</td></tr><tr><td>2</td><td>15540.00</td><td>45.93</td><td>74.00</td><td>-28.07</td><td>48.52</td><td>38.00</td><td>21.57</td><td>62.36</td><td>0.20</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 | dBuV | dB/m | dB | dB | cm | deg | 1 | 10360.00 | 47.17 | 68.20 | -21.03 | 51.09 | 38.00 | 17.53 | 60.53 | 0.28 | -- | PEAK | 2 | 15540.00 | 45.93 | 74.00 | -28.07 | 48.52 | 38.00 | 21.57 | 62.36 | 0.20 | -- | 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               | 10360.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 46.23    | 68.20  | -21.97 | 50.15  | 38.00  | 17.53  | 60.53  | 0.28   | --   | PEAK |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |   |          |       |       |        |       |       |       |       |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |   |          |       |       |        |       |       |       |       |      |    |      |
| 2               | 15540.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 45.77    | 74.00  | -28.23 | 48.36  | 38.00  | 21.57  | 62.36  | 0.20   | --   | 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               | 10360.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 47.17    | 68.20  | -21.03 | 51.09  | 38.00  | 17.53  | 60.53  | 0.28   | --   | PEAK |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |   |          |       |       |        |       |       |       |       |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |   |          |       |       |        |       |       |       |       |      |    |      |
| 2               | 15540.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 45.93    | 74.00  | -28.07 | 48.52  | 38.00  | 21.57  | 62.36  | 0.20   | --   | PEAK |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |   |          |       |       |        |       |       |       |       |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |   |          |       |       |        |       |       |       |       |      |    |      |
|                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |        |        |        |        |        |        |        |      |      |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |   |          |       |       |        |       |       |       |       |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |   |          |       |       |        |       |       |       |       |      |    |      |

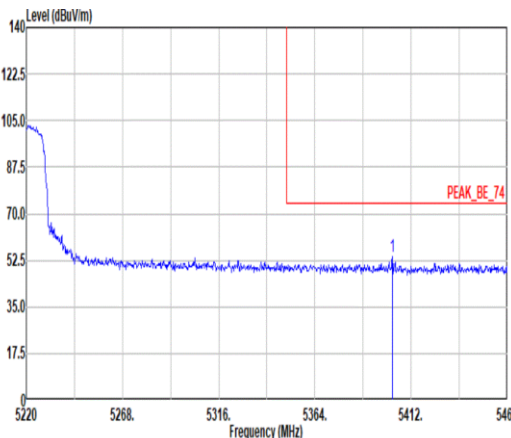
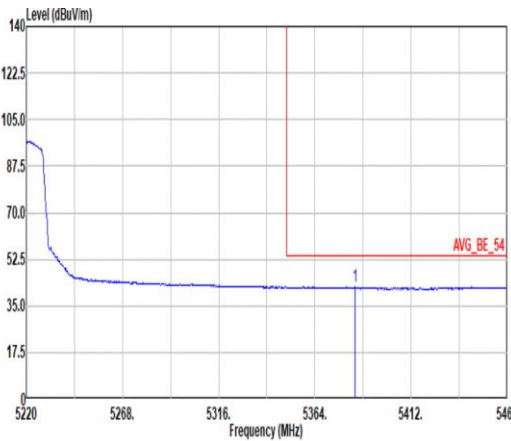


| Mode                    | 1                                                                                                                                                                  |                                                                                                                                                                   |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                         | Harmonic                                                                                                                                                           |                                                                                                                                                                   |
|                         | U-NII-1_5.15-5.25_802.11a Tx_CH36_5180MHz                                                                                                                          |                                                                                                                                                                   |
| ANT                     | 1                                                                                                                                                                  |                                                                                                                                                                   |
| Pol.                    | Horizontal                                                                                                                                                         | Vertical                                                                                                                                                          |
| 14.47G<br>~14.5G<br>Avg |  <p>Site : 03CH11-HY<br/>Condition: AVG_54 3m 91200_01620_230017 HORIZONTAL</p>  |  <p>Site : 03CH11-HY<br/>Condition: AVG_54 3m 91200_01620_230017 VERTICAL</p>  |
|                         |  <p>Site : 03CH11-HY<br/>Condition: AVG_54 3m 91200_01620_230017 HORIZONTAL</p> |  <p>Site : 03CH11-HY<br/>Condition: AVG_54 3m 91200_01620_230017 VERTICAL</p> |

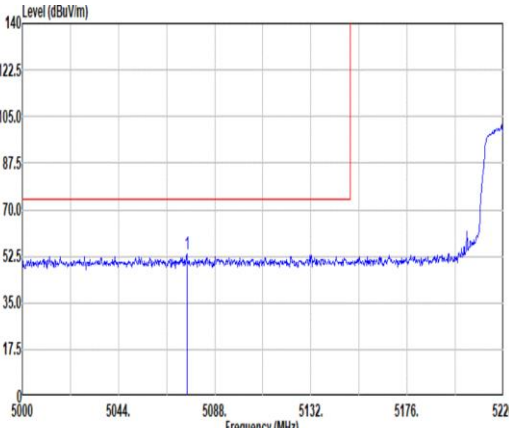
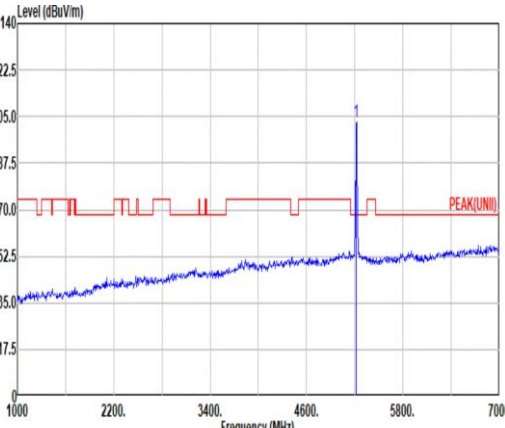
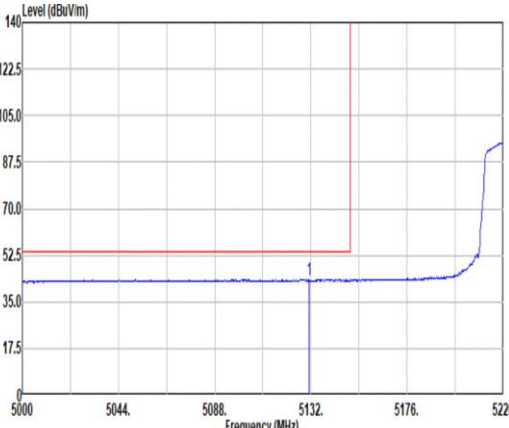
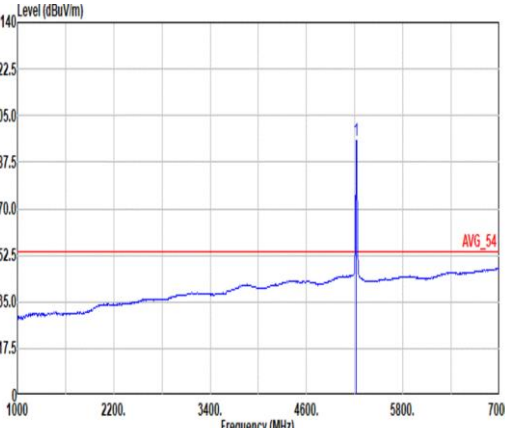


|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                          | 2      |        |        |        |                                                                                                                          |        |        |        |     |    |         |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |        |       |       |       |       |      |     |    |         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|--------|--------|--------|--------|--------------------------------------------------------------------------------------------------------------------------|--------|--------|--------|-----|----|---------|-------|------|-----|-------|--------|-----|------|------|--------|------|-------|------|--------|-------|--------|------|--------|--------|--|--|-----|--------|--------|----|------|------|----|----|----|-----|---|---------|--------|-------|--------|-------|-------|-------|-------|------|-----|----|---------|
| Mode                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Band Edge - L                                                                                                            |        |        |        |        |                                                                                                                          |        |        |        |     |    |         |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |        |       |       |       |       |      |     |    |         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | U-NII-1_5.15-5.25_802.11a Tx_CH44_5220MHz                                                                                |        |        |        |        |                                                                                                                          |        |        |        |     |    |         |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |        |       |       |       |       |      |     |    |         |
| 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(UNII) 3m 91200_01620_230817 HORIZONTAL<br>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto |        |        |        |     |    |         |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |        |       |       |       |       |      |     |    |         |
| Avg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                       |        |        |        |        |                                      |        |        |        |     |    |         |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |        |       |       |       |       |      |     |    |         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Site : 03CH11-HY<br>Condition: AVG_BE_54 3m 91200_01620_230817 HORIZONTAL<br>: RBW:1000.000kHz VBW:0.820kHz SWT:Auto     |        |        |        |        | Site : 03CH11-HY<br>Condition: AVG_54 3m 91200_01620_230817 HORIZONTAL<br>: RBW:1000.000kHz VBW:0.820kHz 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>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><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>5136.84</td><td>53.95</td><td>74.00</td><td>-20.05</td><td>43.26</td><td>33.20</td><td>10.36</td><td>32.87</td><td>0.00</td><td>100</td><td>76</td><td>PEAK</td></tr></table>   |                                                                                                                          |        |        |        |        |                                                                                                                          |        |        |        |     |    |         | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor |  |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 5136.84 | 53.95  | 74.00 | -20.05 | 43.26 | 33.20 | 10.36 | 32.87 | 0.00 | 100 | 76 | PEAK    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Limit                                                                                                                    | Read   | Ant    | Cable  | Preamp | Aux                                                                                                                      | APos   | TPos   | Remark |     |    |         |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |        |       |       |       |       |      |     |    |         |
| Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Level                                                                                                                    | Line   | Margin | Level  | Factor | Loss                                                                                                                     | Factor | Factor |        |     |    |         |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |        |       |       |       |       |      |     |    |         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | MHz                                                                                                                      | dBuV/m | dBuV/m | dB     | dBuV   | dB/m                                                                                                                     | dB     | dB     | cm     | deg |    |         |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |        |       |       |       |       |      |     |    |         |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 5136.84                                                                                                                  | 53.95  | 74.00  | -20.05 | 43.26  | 33.20                                                                                                                    | 10.36  | 32.87  | 0.00   | 100 | 76 | 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>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><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>5220.00</td><td>105.39</td><td>-----</td><td>-----</td><td>94.77</td><td>33.05</td><td>10.43</td><td>32.86</td><td>0.00</td><td>100</td><td>76</td><td>PEAK</td></tr></table>   |                                                                                                                          |        |        |        |        |                                                                                                                          |        |        |        |     |    |         | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor |  |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 5220.00 | 105.39 | ----- | -----  | 94.77 | 33.05 | 10.43 | 32.86 | 0.00 | 100 | 76 | PEAK    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Limit                                                                                                                    | Read   | Ant    | Cable  | Preamp | Aux                                                                                                                      | APos   | TPos   | Remark |     |    |         |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |        |       |       |       |       |      |     |    |         |
| Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Level                                                                                                                    | Line   | Margin | Level  | Factor | Loss                                                                                                                     | Factor | Factor |        |     |    |         |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |        |       |       |       |       |      |     |    |         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | MHz                                                                                                                      | dBuV/m | dBuV/m | dB     | dBuV   | dB/m                                                                                                                     | dB     | dB     | cm     | deg |    |         |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |        |       |       |       |       |      |     |    |         |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 5220.00                                                                                                                  | 105.39 | -----  | -----  | 94.77  | 33.05                                                                                                                    | 10.43  | 32.86  | 0.00   | 100 | 76 | PEAK    |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |        |       |       |       |       |      |     |    |         |
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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Limit                                                                                                                    | Read   | Ant    | Cable  | Preamp | Aux                                                                                                                      | APos   | TPos   | Remark |     |    |         |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |        |       |       |       |       |      |     |    |         |
| Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Level                                                                                                                    | Line   | Margin | Level  | Factor | Loss                                                                                                                     | Factor | Factor |        |     |    |         |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |        |       |       |       |       |      |     |    |         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | MHz                                                                                                                      | dBuV/m | dBuV/m | dB     | dBuV   | dB/m                                                                                                                     | dB     | dB     | cm     | deg |    |         |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |        |       |       |       |       |      |     |    |         |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 5143.22                                                                                                                  | 44.56  | 54.00  | -9.44  | 33.87  | 33.20                                                                                                                    | 10.36  | 32.87  | 0.00   | 100 | 76 | AVERAGE |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |        |       |       |       |       |      |     |    |         |
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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Limit                                                                                                                    | Read   | Ant    | Cable  | Preamp | Aux                                                                                                                      | APos   | TPos   | Remark |     |    |         |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |        |       |       |       |       |      |     |    |         |
| Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Level                                                                                                                    | Line   | Margin | Level  | Factor | Loss                                                                                                                     | Factor | Factor |        |     |    |         |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |        |       |       |       |       |      |     |    |         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | MHz                                                                                                                      | dBuV/m | dBuV/m | dB     | dBuV   | dB/m                                                                                                                     | dB     | dB     | cm     | deg |    |         |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |        |       |       |       |       |      |     |    |         |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 5220.00                                                                                                                  | 97.86  | -----  | -----  | 87.24  | 33.05                                                                                                                    | 10.43  | 32.86  | 0.00   | 100 | 76 | AVERAGE |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |        |       |       |       |       |      |     |    |         |



| Mode      | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |        |        |        |        |        |      |      |      |       |      |        |       |        |      |        |     |        |        |    |      |      |    |    |           |       |       |        |       |       |       |       |       |
|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------|--------|--------|--------|--------|------|------|------|-------|------|--------|-------|--------|------|--------|-----|--------|--------|----|------|------|----|----|-----------|-------|-------|--------|-------|-------|-------|-------|-------|
|           | Band Edge - R                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |             |        |        |        |        |        |      |      |      |       |      |        |       |        |      |        |     |        |        |    |      |      |    |    |           |       |       |        |       |       |       |       |       |
|           | U-NII-1_5.15-5.25_802.11a Tx_CH44_5220MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |             |        |        |        |        |        |      |      |      |       |      |        |       |        |      |        |     |        |        |    |      |      |    |    |           |       |       |        |       |       |       |       |       |
| 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>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></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th></tr><tr><td>1 5402.64</td><td>53.82</td><td>74.00</td><td>-20.18</td><td>43.22</td><td>32.91</td><td>10.54</td><td>32.85</td></tr></table></div> | Limit       | Read   | Ant    | Cable  | Preamp | Aux    | APos | TPos | Freq | Level | Line | Margin | Level | Factor | Loss | Factor | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | 1 5402.64 | 53.82 | 74.00 | -20.18 | 43.22 | 32.91 | 10.54 | 32.85 | Blank |
| Limit     | Read                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Ant         | Cable  | Preamp | Aux    | APos   | TPos   |      |      |      |       |      |        |       |        |      |        |     |        |        |    |      |      |    |    |           |       |       |        |       |       |       |       |       |
| Freq      | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Line        | Margin | Level  | Factor | Loss   | Factor |      |      |      |       |      |        |       |        |      |        |     |        |        |    |      |      |    |    |           |       |       |        |       |       |       |       |       |
| MHz       | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | dBuV/m      | dB     | dBuV   | dB/m   | dB     | dB     |      |      |      |       |      |        |       |        |      |        |     |        |        |    |      |      |    |    |           |       |       |        |       |       |       |       |       |
| 1 5402.64 | 53.82                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 74.00       | -20.18 | 43.22  | 32.91  | 10.54  | 32.85  |      |      |      |       |      |        |       |        |      |        |     |        |        |    |      |      |    |    |           |       |       |        |       |       |       |       |       |
| Avg       | <div><p>Site : 03CH11-HY<br/>Condition: AVG_BE_54 3m 91200 01620 230017 HORIZONTAL<br/>: RBW:1000.000kHz VBW:0.020kHz SWT: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></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th></tr><tr><td>1 5384.16</td><td>42.16</td><td>54.00</td><td>-11.84</td><td>31.55</td><td>32.93</td><td>10.53</td><td>32.85</td></tr></table></div>    | Limit       | Read   | Ant    | Cable  | Preamp | Aux    | APos | TPos | Freq | Level | Line | Margin | Level | Factor | Loss | Factor | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | 1 5384.16 | 42.16 | 54.00 | -11.84 | 31.55 | 32.93 | 10.53 | 32.85 | Blank |
| Limit     | Read                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Ant         | Cable  | Preamp | Aux    | APos   | TPos   |      |      |      |       |      |        |       |        |      |        |     |        |        |    |      |      |    |    |           |       |       |        |       |       |       |       |       |
| Freq      | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Line        | Margin | Level  | Factor | Loss   | Factor |      |      |      |       |      |        |       |        |      |        |     |        |        |    |      |      |    |    |           |       |       |        |       |       |       |       |       |
| MHz       | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | dBuV/m      | dB     | dBuV   | dB/m   | dB     | dB     |      |      |      |       |      |        |       |        |      |        |     |        |        |    |      |      |    |    |           |       |       |        |       |       |       |       |       |
| 1 5384.16 | 42.16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 54.00       | -11.84 | 31.55  | 32.93  | 10.53  | 32.85  |      |      |      |       |      |        |       |        |      |        |     |        |        |    |      |      |    |    |           |       |       |        |       |       |       |       |       |

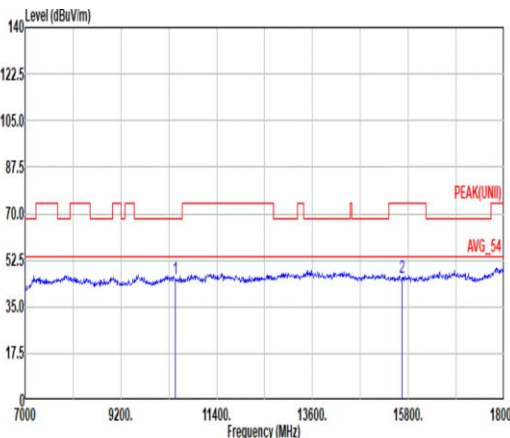
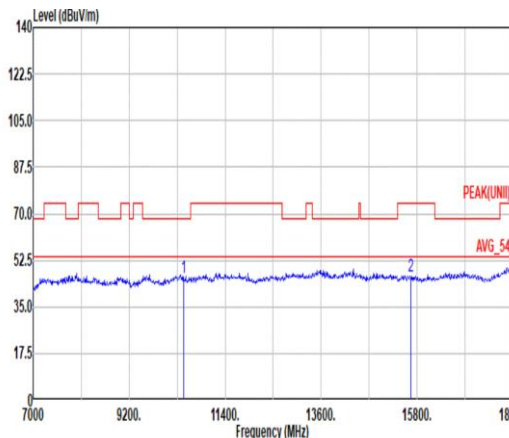


|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                        | 2      |        |        |        |                                                                                                                        |        |        |        |     |     |         |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |        |       |       |       |       |      |     |     |         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|--------|--------|--------|--------|------------------------------------------------------------------------------------------------------------------------|--------|--------|--------|-----|-----|---------|-------|------|-----|-------|--------|-----|------|------|--------|------|-------|------|--------|-------|--------|------|--------|--------|--|--|-----|--------|--------|----|------|------|----|----|----|-----|---|---------|--------|-------|--------|-------|-------|-------|-------|------|-----|-----|---------|
| Mode                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Band Edge - L                                                                                                          |        |        |        |        |                                                                                                                        |        |        |        |     |     |         |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |        |       |       |       |       |      |     |     |         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | U-NII-1_5.15-5.25_802.11a Tx_CH44_5220MHz                                                                              |        |        |        |        |                                                                                                                        |        |        |        |     |     |         |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |        |       |       |       |       |      |     |     |         |
| ANT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1                                                                                                                      |        |        |        |        |                                                                                                                        |        |        |        |     |     |         |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |        |       |       |       |       |      |     |     |         |
| Pol.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Vertical                                                                                                               |        |        |        |        | Fundamental                                                                                                            |        |        |        |     |     |         |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |        |       |       |       |       |      |     |     |         |
| Peak                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                      |        |        |        |        |                                     |        |        |        |     |     |         |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |        |       |       |       |       |      |     |     |         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Site : 03CH11-HY<br>Condition: PEAK_BE_74 3m 91200_01620_230817 VERTICAL<br>: RBW:1000.000kHz VBW:3000.000kHz SMT:Auto |        |        |        |        | Site : 03CH11-HY<br>Condition: PEAK(UNII) 3m 91200_01620_230817 VERTICAL<br>: RBW:1000.000kHz VBW:3000.000kHz SMT:Auto |        |        |        |     |     |         |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |        |       |       |       |       |      |     |     |         |
| Avg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                     |        |        |        |        |                                    |        |        |        |     |     |         |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |        |       |       |       |       |      |     |     |         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Site : 03CH11-HY<br>Condition: AVG_BE_54 3m 91200_01620_230817 VERTICAL<br>: RBW:1000.000kHz VBW:0.820kHz SMT:Auto     |        |        |        |        | Site : 03CH11-HY<br>Condition: AVG_54 3m 91200_01620_230817 VERTICAL<br>: RBW:1000.000kHz VBW:0.820kHz SMT: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>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><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>5075.24</td><td>53.13</td><td>74.00</td><td>-20.87</td><td>42.50</td><td>33.20</td><td>10.30</td><td>32.87</td><td>0.00</td><td>327</td><td>110</td><td>PEAK</td></tr></table>    |                                                                                                                        |        |        |        |        |                                                                                                                        |        |        |        |     |     |         | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor |  |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 5075.24 | 53.13  | 74.00 | -20.87 | 42.50 | 33.20 | 10.30 | 32.87 | 0.00 | 327 | 110 | PEAK    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Limit                                                                                                                  | Read   | Ant    | Cable  | Preamp | Aux                                                                                                                    | APos   | TPos   | Remark |     |     |         |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |        |       |       |       |       |      |     |     |         |
| Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Level                                                                                                                  | Line   | Margin | Level  | Factor | Loss                                                                                                                   | Factor | Factor |        |     |     |         |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |        |       |       |       |       |      |     |     |         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | MHz                                                                                                                    | dBuV/m | dBuV/m | dB     | dBuV   | dB/m                                                                                                                   | dB     | dB     | cm     | deg |     |         |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |        |       |       |       |       |      |     |     |         |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 5075.24                                                                                                                | 53.13  | 74.00  | -20.87 | 42.50  | 33.20                                                                                                                  | 10.30  | 32.87  | 0.00   | 327 | 110 | PEAK    |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |        |       |       |       |       |      |     |     |         |
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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Limit                                                                                                                  | Read   | Ant    | Cable  | Preamp | Aux                                                                                                                    | APos   | TPos   | Remark |     |     |         |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |        |       |       |       |       |      |     |     |         |
| Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Level                                                                                                                  | Line   | Margin | Level  | Factor | Loss                                                                                                                   | Factor | Factor |        |     |     |         |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |        |       |       |       |       |      |     |     |         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | MHz                                                                                                                    | dBuV/m | dBuV/m | dB     | dBuV   | dB/m                                                                                                                   | dB     | dB     | cm     | deg |     |         |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |        |       |       |       |       |      |     |     |         |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 5220.00                                                                                                                | 102.77 | -----  | -----  | 92.15  | 33.05                                                                                                                  | 10.43  | 32.86  | 0.00   | 327 | 110 | PEAK    |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |        |       |       |       |       |      |     |     |         |
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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Limit                                                                                                                  | Read   | Ant    | Cable  | Preamp | Aux                                                                                                                    | APos   | TPos   | Remark |     |     |         |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |        |       |       |       |       |      |     |     |         |
| Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Level                                                                                                                  | Line   | Margin | Level  | Factor | Loss                                                                                                                   | Factor | Factor |        |     |     |         |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |        |       |       |       |       |      |     |     |         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | MHz                                                                                                                    | dBuV/m | dBuV/m | dB     | dBuV   | dB/m                                                                                                                   | dB     | dB     | cm     | deg |     |         |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |        |       |       |       |       |      |     |     |         |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 5131.12                                                                                                                | 43.42  | 54.00  | -10.58 | 32.74  | 33.20                                                                                                                  | 10.35  | 32.87  | 0.00   | 327 | 110 | 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>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><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>5220.00</td><td>95.69</td><td>-----</td><td>-----</td><td>85.07</td><td>33.06</td><td>10.42</td><td>32.86</td><td>0.00</td><td>327</td><td>110</td><td>AVERAGE</td></tr></table>  |                                                                                                                        |        |        |        |        |                                                                                                                        |        |        |        |     |     |         | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor |  |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 5220.00 | 95.69  | ----- | -----  | 85.07 | 33.06 | 10.42 | 32.86 | 0.00 | 327 | 110 | AVERAGE |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Limit                                                                                                                  | Read   | Ant    | Cable  | Preamp | Aux                                                                                                                    | APos   | TPos   | Remark |     |     |         |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |        |       |       |       |       |      |     |     |         |
| Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Level                                                                                                                  | Line   | Margin | Level  | Factor | Loss                                                                                                                   | Factor | Factor |        |     |     |         |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |        |       |       |       |       |      |     |     |         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | MHz                                                                                                                    | dBuV/m | dBuV/m | dB     | dBuV   | dB/m                                                                                                                   | dB     | dB     | cm     | deg |     |         |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |        |       |       |       |       |      |     |     |         |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 5220.00                                                                                                                | 95.69  | -----  | -----  | 85.07  | 33.06                                                                                                                  | 10.42  | 32.86  | 0.00   | 327 | 110 | AVERAGE |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |        |       |       |       |       |      |     |     |         |

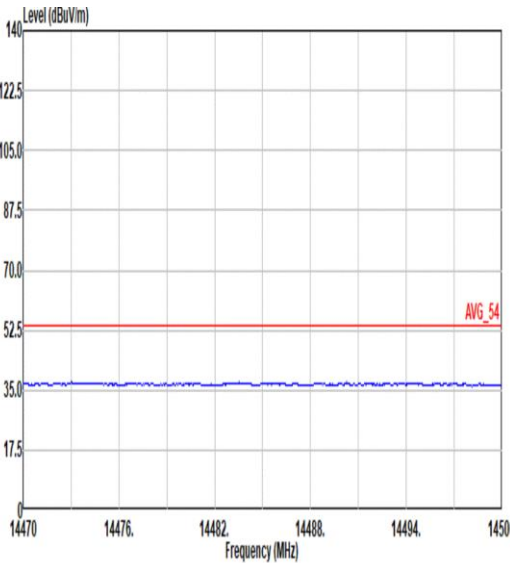
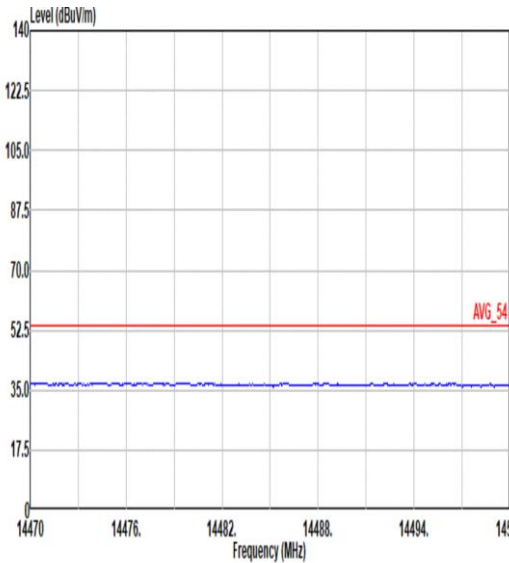
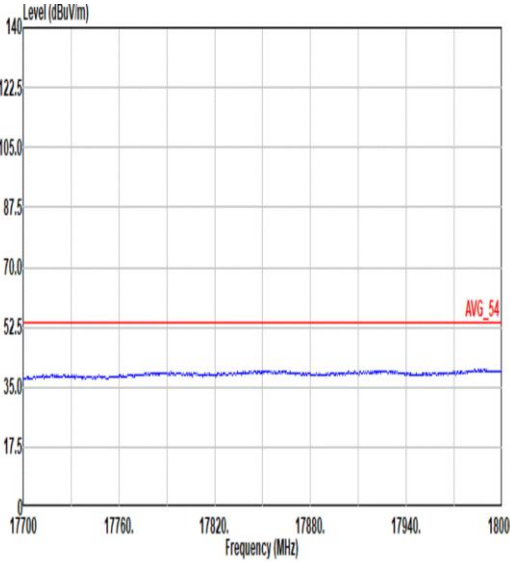
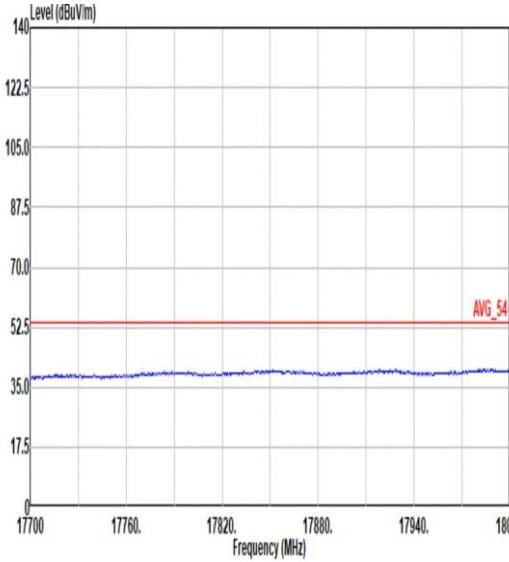


| Mode | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |        |        |        |       |        |        |        |      |     |         |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |       |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------|--------|--------|-------|--------|--------|--------|------|-----|---------|-------|------|--------|-------|--------|------|--------|--------|--------|--|-----|--------|--------|----|------|------|----|----|----|-----|---|---------|-------|-------|--------|-------|-------|-------|-------|------|-----|-----|---------|-------|
|      | Band Edge - R                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |             |        |        |        |       |        |        |        |      |     |         |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |       |
|      | U-NII-1_5.15-5.25_802.11a Tx_CH44_5220MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |             |        |        |        |       |        |        |        |      |     |         |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |       |
| 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><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>5355.36</td><td>51.73</td><td>74.00</td><td>-22.27</td><td>41.08</td><td>32.99</td><td>10.51</td><td>32.85</td><td>0.00</td><td>327</td><td>110</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 | dBuV | dB/m | dB | dB | cm | deg | 1 | 5355.36 | 51.73 | 74.00 | -22.27 | 41.08 | 32.99 | 10.51 | 32.85 | 0.00 | 327 | 110 | 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    | 5355.36                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 51.73       | 74.00  | -22.27 | 41.08  | 32.99 | 10.51  | 32.85  | 0.00   | 327  | 110 | PEAK    |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |       |
| Avg  | <div><p>Site : 03CH11-HY<br/>Condition: AVG_BE_54 3m 91200 01620 230817 VERTICAL<br/>: RBW:1000.000kHz VBW:0.020kHz SMT: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>5353.68</td><td>41.84</td><td>54.00</td><td>-12.16</td><td>31.19</td><td>32.99</td><td>10.51</td><td>32.85</td><td>0.00</td><td>327</td><td>110</td><td>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 | 5353.68 | 41.84 | 54.00 | -12.16 | 31.19 | 32.99 | 10.51 | 32.85 | 0.00 | 327 | 110 | 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    | 5353.68                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 41.84       | 54.00  | -12.16 | 31.19  | 32.99 | 10.51  | 32.85  | 0.00   | 327  | 110 | AVERAGE |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |       |

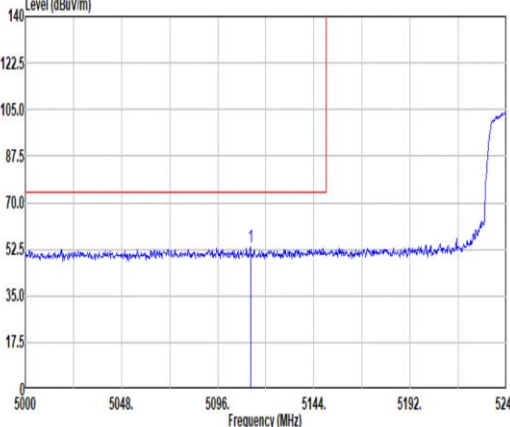
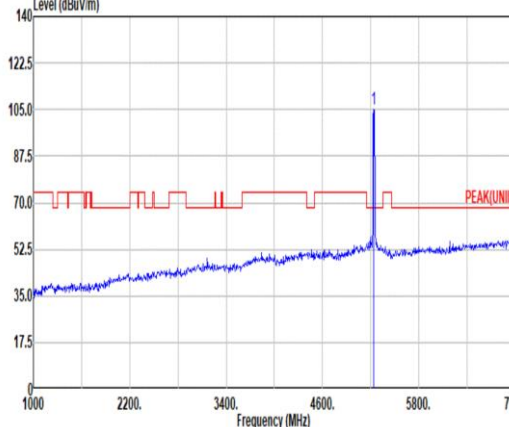
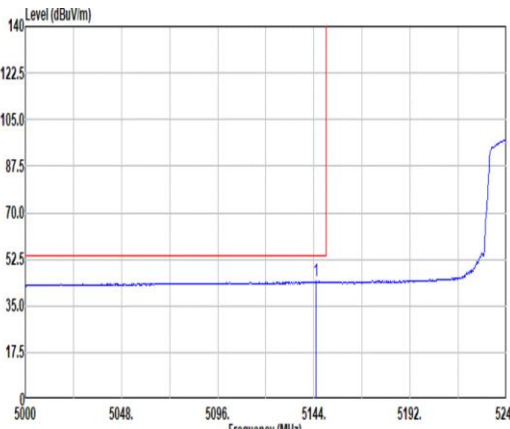
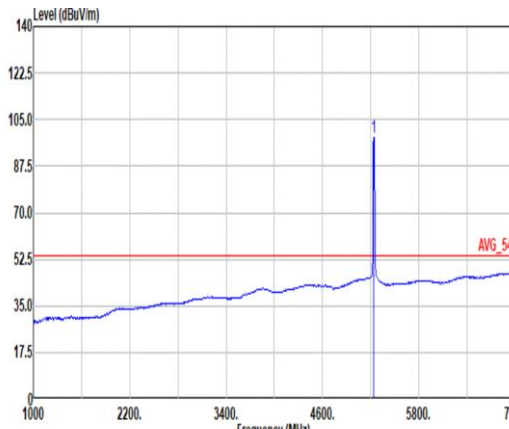


| Mode            | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |          |        |        |        |        |        |        |        |      |      |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |   |          |       |       |        |       |       |       |       |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |   |          |       |       |        |       |       |       |       |      |    |      |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|--------|--------|--------|--------|--------|--------|--------|------|------|------|-------|------|--------|-------|--------|------|--------|--------|--------|--|-----|--------|--------|----|------|------|----|----|----|-----|---|----------|-------|-------|--------|-------|-------|-------|-------|------|----|------|---|----------|-------|-------|--------|-------|-------|-------|-------|------|----|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------|------|-----|-------|--------|-----|------|------|--|------|-------|------|--------|-------|--------|------|--------|--------|--------|--|-----|--------|--------|----|------|------|----|----|----|-----|---|----------|-------|-------|--------|-------|-------|-------|-------|------|----|------|---|----------|-------|-------|--------|-------|-------|-------|-------|------|----|------|
|                 | Harmonic                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |          |        |        |        |        |        |        |        |      |      |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |   |          |       |       |        |       |       |       |       |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |   |          |       |       |        |       |       |       |       |      |    |      |
|                 | U-NII-1_5.15-5.25_802.11a Tx_CH44_5220MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |        |        |        |        |        |        |        |      |      |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |   |          |       |       |        |       |       |       |       |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |   |          |       |       |        |       |       |       |       |      |    |      |
| ANT             | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |          |        |        |        |        |        |        |        |      |      |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |   |          |       |       |        |       |       |       |       |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |   |          |       |       |        |       |       |       |       |      |    |      |
| Pol.            | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Vertical |        |        |        |        |        |        |        |      |      |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |   |          |       |       |        |       |       |       |       |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |   |          |       |       |        |       |       |       |       |      |    |      |
| Peak<br><br>Avg | <div><p>Site : 03CH11-HY<br/>Condition: PEAK(UNII) 3m 91200_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</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>10440.00</td><td>45.59</td><td>68.20</td><td>-22.61</td><td>49.60</td><td>38.80</td><td>17.56</td><td>60.65</td><td>0.28</td><td>--</td><td>PEAK</td></tr><tr><td>2</td><td>15660.00</td><td>46.06</td><td>74.00</td><td>-27.94</td><td>48.66</td><td>37.60</td><td>21.63</td><td>62.05</td><td>0.22</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 | dBuV | dB/m | dB | dB | cm | deg | 1 | 10440.00 | 45.59 | 68.20 | -22.61 | 49.60 | 38.80 | 17.56 | 60.65 | 0.28 | -- | PEAK | 2 | 15660.00 | 46.06 | 74.00 | -27.94 | 48.66 | 37.60 | 21.63 | 62.05 | 0.22 | -- | PEAK | <div><p>Site : 03CH11-HY<br/>Condition: PEAK(UNII) 3m 91200_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</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>10440.00</td><td>46.11</td><td>68.20</td><td>-22.09</td><td>50.12</td><td>38.80</td><td>17.56</td><td>60.65</td><td>0.28</td><td>--</td><td>PEAK</td></tr><tr><td>2</td><td>15660.00</td><td>46.67</td><td>74.00</td><td>-27.33</td><td>49.27</td><td>37.60</td><td>21.63</td><td>62.05</td><td>0.22</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 | dBuV | dB/m | dB | dB | cm | deg | 1 | 10440.00 | 46.11 | 68.20 | -22.09 | 50.12 | 38.80 | 17.56 | 60.65 | 0.28 | -- | PEAK | 2 | 15660.00 | 46.67 | 74.00 | -27.33 | 49.27 | 37.60 | 21.63 | 62.05 | 0.22 | -- | 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               | 10440.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 45.59    | 68.20  | -22.61 | 49.60  | 38.80  | 17.56  | 60.65  | 0.28   | --   | PEAK |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |   |          |       |       |        |       |       |       |       |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |   |          |       |       |        |       |       |       |       |      |    |      |
| 2               | 15660.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 46.06    | 74.00  | -27.94 | 48.66  | 37.60  | 21.63  | 62.05  | 0.22   | --   | 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               | 10440.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 46.11    | 68.20  | -22.09 | 50.12  | 38.80  | 17.56  | 60.65  | 0.28   | --   | PEAK |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |   |          |       |       |        |       |       |       |       |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |   |          |       |       |        |       |       |       |       |      |    |      |
| 2               | 15660.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 46.67    | 74.00  | -27.33 | 49.27  | 37.60  | 21.63  | 62.05  | 0.22   | --   | PEAK |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |   |          |       |       |        |       |       |       |       |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |   |          |       |       |        |       |       |       |       |      |    |      |
|                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |        |        |        |        |        |        |        |      |      |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |   |          |       |       |        |       |       |       |       |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |   |          |       |       |        |       |       |       |       |      |    |      |

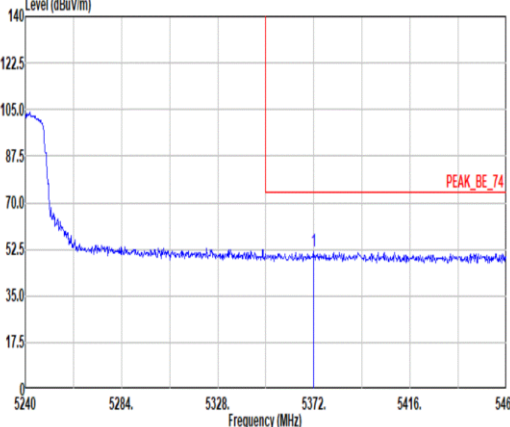
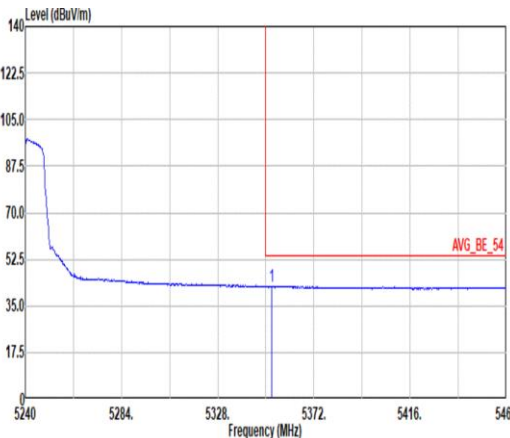


| Mode                    | 2                                                                                                                                                                  |                                                                                                                                                                   |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                         | Harmonic                                                                                                                                                           |                                                                                                                                                                   |
|                         | U-NII-1_5.15-5.25_802.11a Tx_CH44_5220MHz                                                                                                                          |                                                                                                                                                                   |
| ANT                     | 1                                                                                                                                                                  |                                                                                                                                                                   |
| Pol.                    | Horizontal                                                                                                                                                         | Vertical                                                                                                                                                          |
| 14.47G<br>~14.5G<br>Avg |  <p>Site : 03CH11-HY<br/>Condition: AVG_54 3m 91200_01620_230017 HORIZONTAL</p>  |  <p>Site : 03CH11-HY<br/>Condition: AVG_54 3m 91200_01620_230017 VERTICAL</p>  |
| 17.7G<br>~18G<br>Avg    |  <p>Site : 03CH11-HY<br/>Condition: AVG_54 3m 91200_01620_230017 HORIZONTAL</p> |  <p>Site : 03CH11-HY<br/>Condition: AVG_54 3m 91200_01620_230017 VERTICAL</p> |

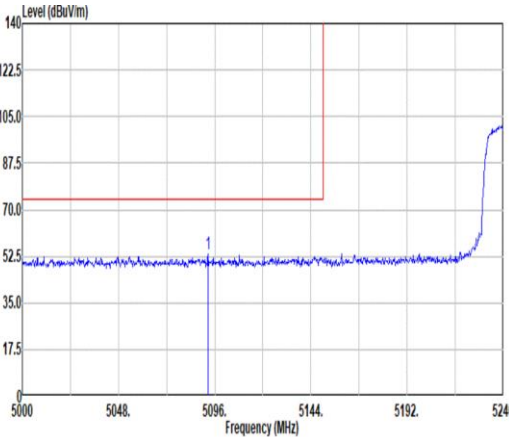
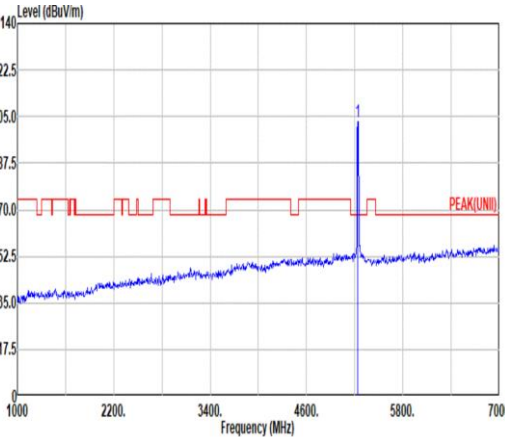
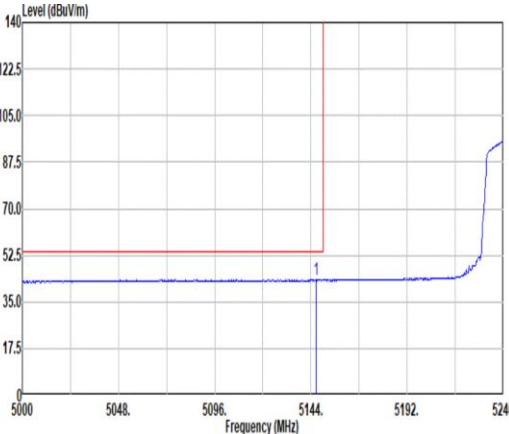
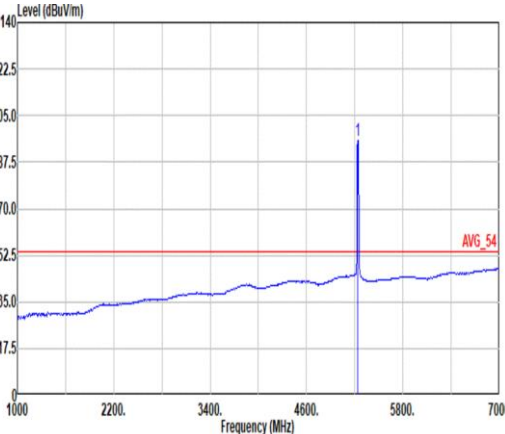


|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 3      |        |        |        |       |             |        |        |     |       |         |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |    |         |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|--------|--------|-------|-------------|--------|--------|-----|-------|---------|-----|------|------|--------|------|-------|------|--------|-------|--------|------|--------|--------|--|--|-----|--------|--------|----|------|------|----|----|----|-----|---|---------|-------|-------|--------|-------|-------|-------|-------|------|-----|----|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|-------|------|-----|-------|--------|-----|------|------|--------|------|-------|------|--------|-------|--------|------|--------|--------|--|--|-----|--------|--------|----|------|------|----|----|----|-----|---|---------|--------|-------|-------|-------|-------|-------|-------|------|-----|----|---------|
| Mode | Band Edge - L                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |        |        |        |        |       |             |        |        |     |       |         |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |    |         |
|      | U-NII-1_5.15-5.25_802.11a Tx_CH48_5240MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |        |        |        |        |       |             |        |        |     |       |         |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |    |         |
| 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><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</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</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>5112.32</td><td>53.21</td><td>74.00</td><td>-20.79</td><td>42.54</td><td>33.20</td><td>10.34</td><td>32.87</td><td>0.00</td><td>115</td><td>76</td><td>PEAK</td></tr></table></div> |        |        |        |        |       |             | Limit  | Read   | Ant | Cable | Preamp  | Aux | APos | TPos | Remark | Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor |  |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 5112.32 | 53.21 | 74.00 | -20.79 | 42.54 | 33.20 | 10.34 | 32.87 | 0.00 | 115 | 76 | PEAK    | <div><p>Site : 03CH11-HY<br/>Condition: PEAK(UNII) 3m 91280_01620_230817 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>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><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>5240.00</td><td>104.97</td><td>-----</td><td>-----</td><td>94.37</td><td>33.03</td><td>10.43</td><td>32.86</td><td>0.00</td><td>115</td><td>76</td><td>PEAK</td></tr></table></div> |  |  |  |  |  |  | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor |  |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 5240.00 | 104.97 | ----- | ----- | 94.37 | 33.03 | 10.43 | 32.86 | 0.00 | 115 | 76 | PEAK    |
|      | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Read   | Ant    | Cable  | Preamp | Aux   | APos        | TPos   | Remark |     |       |         |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |    |         |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Line   | Margin | Level  | Factor | Loss  | Factor      | Factor |        |     |       |         |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |    |         |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | dBuV/m | dBuV/m | dB     | dBuV   | dB/m  | dB          | dB     | cm     | deg |       |         |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |    |         |
| 1    | 5112.32                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 53.21  | 74.00  | -20.79 | 42.54  | 33.20 | 10.34       | 32.87  | 0.00   | 115 | 76    | PEAK    |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |    |         |
|      | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Read   | Ant    | Cable  | Preamp | Aux   | APos        | TPos   | Remark |     |       |         |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |    |         |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Line   | Margin | Level  | Factor | Loss  | Factor      | Factor |        |     |       |         |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |    |         |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | dBuV/m | dBuV/m | dB     | dBuV   | dB/m  | dB          | dB     | cm     | deg |       |         |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |    |         |
| 1    | 5240.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 104.97 | -----  | -----  | 94.37  | 33.03 | 10.43       | 32.86  | 0.00   | 115 | 76    | PEAK    |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |    |         |
| Avg  | <div><p>Site : 03CH11-HY<br/>Condition: AVG_BE_54 3m 91280_01620_230817 HORIZONTAL<br/>: RBW:1000.000kHz VBW:0.820kHz 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</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</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>5145.20</td><td>44.16</td><td>54.00</td><td>-9.84</td><td>33.47</td><td>33.20</td><td>10.36</td><td>32.87</td><td>0.00</td><td>115</td><td>76</td><td>AVERAGE</td></tr></table></div>  |        |        |        |        |       |             | Limit  | Read   | Ant | Cable | Preamp  | Aux | APos | TPos | Remark | Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor |  |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 5145.20 | 44.16 | 54.00 | -9.84  | 33.47 | 33.20 | 10.36 | 32.87 | 0.00 | 115 | 76 | AVERAGE | <div><p>Site : 03CH11-HY<br/>Condition: AVG_54 3m 91280_01620_230817 HORIZONTAL<br/>: RBW:1000.000kHz VBW:0.820kHz 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</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</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>5240.00</td><td>98.45</td><td>-----</td><td>-----</td><td>87.85</td><td>33.02</td><td>10.44</td><td>32.86</td><td>0.00</td><td>115</td><td>76</td><td>AVERAGE</td></tr></table></div>     |  |  |  |  |  |  | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor |  |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 5240.00 | 98.45  | ----- | ----- | 87.85 | 33.02 | 10.44 | 32.86 | 0.00 | 115 | 76 | AVERAGE |
|      | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Read   | Ant    | Cable  | Preamp | Aux   | APos        | TPos   | Remark |     |       |         |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |    |         |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Line   | Margin | Level  | Factor | Loss  | Factor      | Factor |        |     |       |         |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |    |         |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | dBuV/m | dBuV/m | dB     | dBuV   | dB/m  | dB          | dB     | cm     | deg |       |         |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |    |         |
| 1    | 5145.20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 44.16  | 54.00  | -9.84  | 33.47  | 33.20 | 10.36       | 32.87  | 0.00   | 115 | 76    | AVERAGE |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |    |         |
|      | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Read   | Ant    | Cable  | Preamp | Aux   | APos        | TPos   | Remark |     |       |         |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |    |         |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Line   | Margin | Level  | Factor | Loss  | Factor      | Factor |        |     |       |         |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |    |         |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | dBuV/m | dBuV/m | dB     | dBuV   | dB/m  | dB          | dB     | cm     | deg |       |         |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |    |         |
| 1    | 5240.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 98.45  | -----  | -----  | 87.85  | 33.02 | 10.44       | 32.86  | 0.00   | 115 | 76    | AVERAGE |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |    |         |



| Mode  | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |        |        |        |        |       |             |        |        |       |        |         |      |      |      |       |      |        |       |        |      |        |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |    |         |       |  |  |  |  |  |
|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|--------|--------|-------|-------------|--------|--------|-------|--------|---------|------|------|------|-------|------|--------|-------|--------|------|--------|--------|--------|-----|--------|--------|----|------|------|----|----|----|----|-----|---|---------|-------|-------|--------|-------|-------|-------|-------|------|-----|----|---------|-------|--|--|--|--|--|
|       | Band Edge - R                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |        |        |        |        |       |             |        |        |       |        |         |      |      |      |       |      |        |       |        |      |        |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |    |         |       |  |  |  |  |  |
|       | U-NII-1_5.15-5.25_802.11a Tx_CH48_5240MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |        |        |        |        |       |             |        |        |       |        |         |      |      |      |       |      |        |       |        |      |        |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |    |         |       |  |  |  |  |  |
| 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 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>Remark</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5371.78</td><td>51.51</td><td>74.00</td><td>-22.49</td><td>40.88</td><td>32.96</td><td>10.52</td><td>32.85</td><td>0.00</td><td>115</td><td>76</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 | dBuV | dB/m | dB | dB | dB | cm | deg | 1 | 5371.78 | 51.51 | 74.00 | -22.49 | 40.88 | 32.96 | 10.52 | 32.85 | 0.00 | 115 | 76 | 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          | dB     | cm     | deg   |        |         |      |      |      |       |      |        |       |        |      |        |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |    |         |       |  |  |  |  |  |
| 1     | 5371.78                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 51.51  | 74.00  | -22.49 | 40.88  | 32.96 | 10.52       | 32.85  | 0.00   | 115   | 76     | PEAK    |      |      |      |       |      |        |       |        |      |        |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |    |         |       |  |  |  |  |  |
| Avg   | <div><p>Site : 03CH11-HY<br/>Condition: AVG_BE_54 3m 91200 01620 230017 HORIZONTAL<br/>: RBW:1000.000kHz VBW:0.020kHz 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>Remark</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5352.64</td><td>42.36</td><td>54.00</td><td>-11.64</td><td>31.71</td><td>32.99</td><td>10.51</td><td>32.85</td><td>0.00</td><td>115</td><td>76</td><td>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 | dB | cm | deg | 1 | 5352.64 | 42.36 | 54.00 | -11.64 | 31.71 | 32.99 | 10.51 | 32.85 | 0.00 | 115 | 76 | 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          | dB     | cm     | deg   |        |         |      |      |      |       |      |        |       |        |      |        |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |    |         |       |  |  |  |  |  |
| 1     | 5352.64                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 42.36  | 54.00  | -11.64 | 31.71  | 32.99 | 10.51       | 32.85  | 0.00   | 115   | 76     | AVERAGE |      |      |      |       |      |        |       |        |      |        |        |        |     |        |        |    |      |      |    |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |    |         |       |  |  |  |  |  |

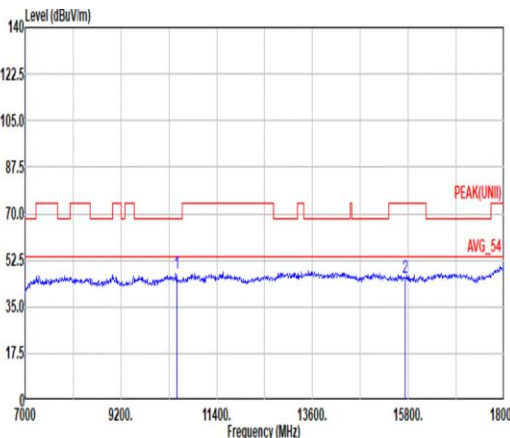
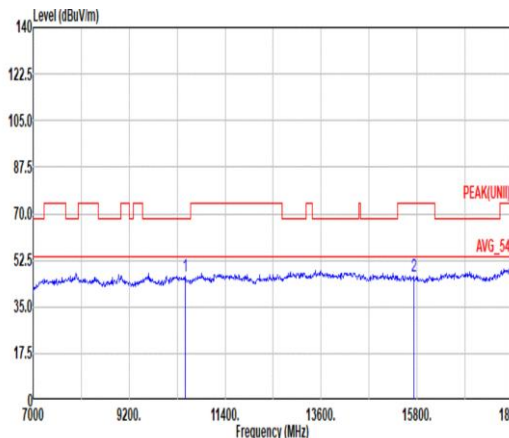


|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 3           |              |             |             |        |             |       |        |     |       |         |     |      |      |        |      |       |             |              |             |             |        |  |  |  |  |     |        |        |    |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |             |        |  |  |  |  |     |        |        |    |      |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |     |         |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------|-------------|-------------|--------|-------------|-------|--------|-----|-------|---------|-----|------|------|--------|------|-------|-------------|--------------|-------------|-------------|--------|--|--|--|--|-----|--------|--------|----|------|----|----|----|-----|---|---------|-------|-------|--------|-------|-------|-------|-------|------|-----|-----|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|-------|------|-----|-------|--------|-----|------|------|--------|------|-------|-------------|--------------|-------------|-------------|--------|--|--|--|--|-----|--------|--------|----|------|----|----|----|-----|---|---------|--------|-------|-------|-------|-------|-------|-------|------|-----|-----|---------|
| Mode | Band Edge - L                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |             |              |             |             |        |             |       |        |     |       |         |     |      |      |        |      |       |             |              |             |             |        |  |  |  |  |     |        |        |    |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |             |        |  |  |  |  |     |        |        |    |      |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |     |         |
|      | U-NII-1_5.15-5.25_802.11a Tx_CH48_5240MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |             |              |             |             |        |             |       |        |     |       |         |     |      |      |        |      |       |             |              |             |             |        |  |  |  |  |     |        |        |    |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |             |        |  |  |  |  |     |        |        |    |      |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |     |         |
| ANT  | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |             |              |             |             |        |             |       |        |     |       |         |     |      |      |        |      |       |             |              |             |             |        |  |  |  |  |     |        |        |    |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |             |        |  |  |  |  |     |        |        |    |      |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |     |         |
| Pol. | Vertical                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |             |              |             |             |        | Fundamental |       |        |     |       |         |     |      |      |        |      |       |             |              |             |             |        |  |  |  |  |     |        |        |    |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |             |        |  |  |  |  |     |        |        |    |      |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |     |         |
| Peak | <div></div> <div>Site : 03CH11-HY<br/>Condition: PEAK_BE_74 3m 91200_01620_230817 VERTICAL<br/>: RBW:1000.000kHz VBW:3000.000kHz SMT:Auto</div> <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>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5092.64</td><td>53.10</td><td>74.00</td><td>-20.90</td><td>42.45</td><td>33.20</td><td>10.32</td><td>32.87</td><td>0.00</td><td>348</td><td>107</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 | dB/m | dB | dB | cm | deg | 1 | 5092.64 | 53.10 | 74.00 | -20.90 | 42.45 | 33.20 | 10.32 | 32.87 | 0.00 | 348 | 107 | PEAK    | <div></div> <div>Site : 03CH11-HY<br/>Condition: PEAK(UNII) 3m 91200_01620_230817 VERTICAL<br/>: RBW:1000.000kHz VBW:3000.000kHz SMT:Auto</div> <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>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5240.00</td><td>103.27</td><td>-----</td><td>-----</td><td>92.67</td><td>33.03</td><td>10.43</td><td>32.86</td><td>0.00</td><td>348</td><td>107</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 | dB/m | dB | dB | cm | deg | 1 | 5240.00 | 103.27 | ----- | ----- | 92.67 | 33.03 | 10.43 | 32.86 | 0.00 | 348 | 107 | 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          | dB/m        | dB     | dB          | cm    | deg    |     |       |         |     |      |      |        |      |       |             |              |             |             |        |  |  |  |  |     |        |        |    |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |             |        |  |  |  |  |     |        |        |    |      |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |     |         |
| 1    | 5092.64                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 53.10       | 74.00        | -20.90      | 42.45       | 33.20  | 10.32       | 32.87 | 0.00   | 348 | 107   | 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          | dB/m        | dB     | dB          | cm    | deg    |     |       |         |     |      |      |        |      |       |             |              |             |             |        |  |  |  |  |     |        |        |    |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |             |        |  |  |  |  |     |        |        |    |      |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |     |         |
| 1    | 5240.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 103.27      | -----        | -----       | 92.67       | 33.03  | 10.43       | 32.86 | 0.00   | 348 | 107   | PEAK    |     |      |      |        |      |       |             |              |             |             |        |  |  |  |  |     |        |        |    |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |             |        |  |  |  |  |     |        |        |    |      |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |     |         |
| Avg  | <div></div> <div>Site : 03CH11-HY<br/>Condition: AVG_BE_54 3m 91200_01620_230817 VERTICAL<br/>: RBW:1000.000kHz VBW:0.020kHz SMT:Auto</div> <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>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5146.40</td><td>43.41</td><td>54.00</td><td>-10.59</td><td>32.72</td><td>33.20</td><td>10.36</td><td>32.87</td><td>0.00</td><td>348</td><td>107</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 | dB/m | dB | dB | cm | deg | 1 | 5146.40 | 43.41 | 54.00 | -10.59 | 32.72 | 33.20 | 10.36 | 32.87 | 0.00 | 348 | 107 | AVERAGE | <div></div> <div>Site : 03CH11-HY<br/>Condition: AVG_54 3m 91200_01620_230817 VERTICAL<br/>: RBW:1000.000kHz VBW:0.020kHz SMT:Auto</div> <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>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5240.00</td><td>95.87</td><td>-----</td><td>-----</td><td>85.27</td><td>33.02</td><td>10.44</td><td>32.86</td><td>0.00</td><td>348</td><td>107</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 | dB/m | dB | dB | cm | deg | 1 | 5240.00 | 95.87  | ----- | ----- | 85.27 | 33.02 | 10.44 | 32.86 | 0.00 | 348 | 107 | 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          | dB/m        | dB     | dB          | cm    | deg    |     |       |         |     |      |      |        |      |       |             |              |             |             |        |  |  |  |  |     |        |        |    |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |             |        |  |  |  |  |     |        |        |    |      |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |     |         |
| 1    | 5146.40                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 43.41       | 54.00        | -10.59      | 32.72       | 33.20  | 10.36       | 32.87 | 0.00   | 348 | 107   | 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          | dB/m        | dB     | dB          | cm    | deg    |     |       |         |     |      |      |        |      |       |             |              |             |             |        |  |  |  |  |     |        |        |    |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |             |        |  |  |  |  |     |        |        |    |      |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |     |         |
| 1    | 5240.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 95.87       | -----        | -----       | 85.27       | 33.02  | 10.44       | 32.86 | 0.00   | 348 | 107   | AVERAGE |     |      |      |        |      |       |             |              |             |             |        |  |  |  |  |     |        |        |    |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |             |              |             |             |        |  |  |  |  |     |        |        |    |      |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |     |         |

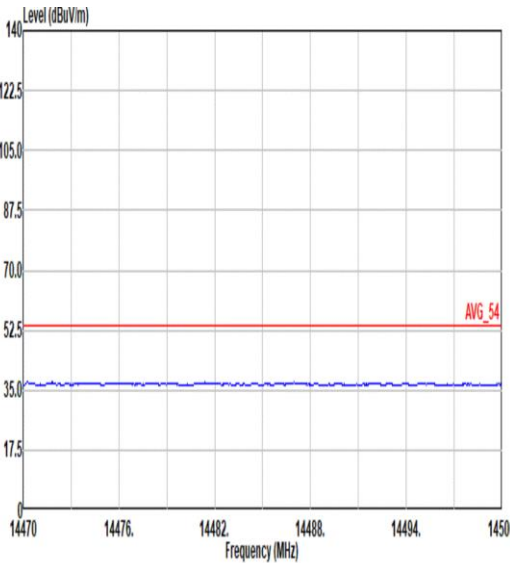
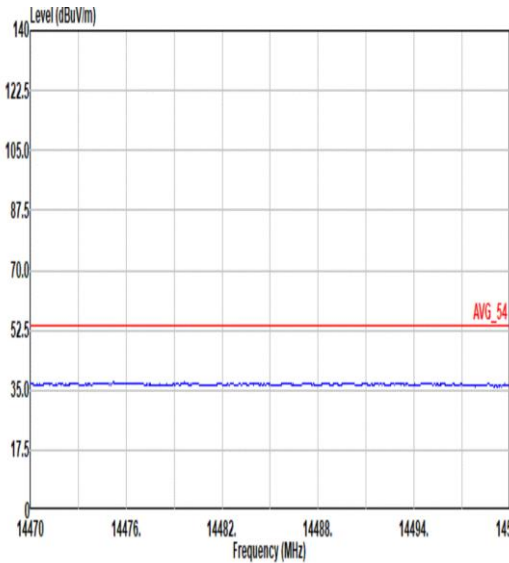
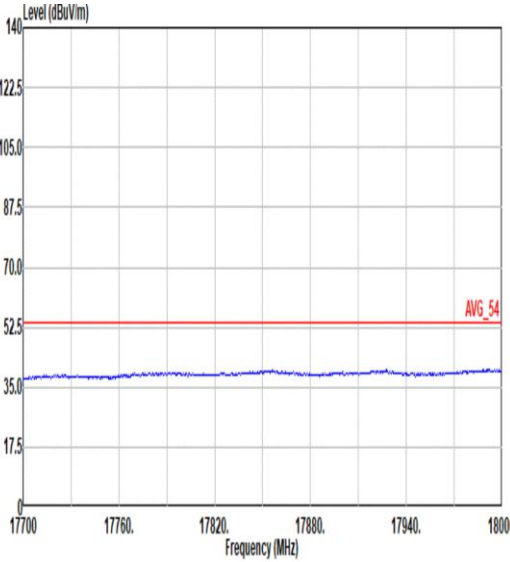
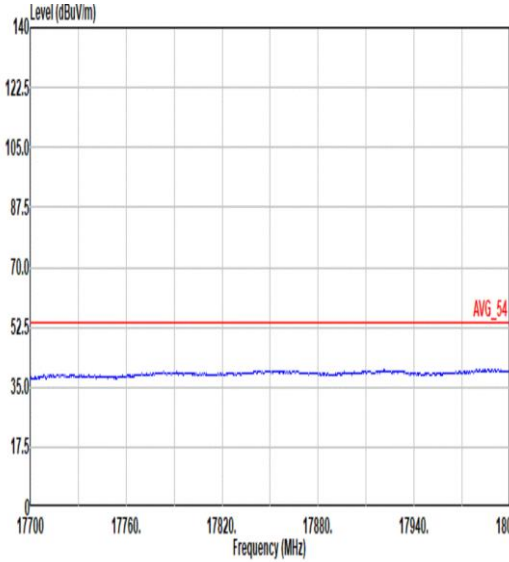


| Mode      | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |             |        |       |        |       |        |        |                 |      |  |      |       |      |        |       |        |      |        |        |        |     |        |        |    |      |      |    |    |    |        |           |       |       |        |       |       |       |       |      |                 |       |
|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------|-------|--------|-------|--------|--------|-----------------|------|--|------|-------|------|--------|-------|--------|------|--------|--------|--------|-----|--------|--------|----|------|------|----|----|----|--------|-----------|-------|-------|--------|-------|-------|-------|-------|------|-----------------|-------|
|           | Band Edge - R                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |             |        |       |        |       |        |        |                 |      |  |      |       |      |        |       |        |      |        |        |        |     |        |        |    |      |      |    |    |    |        |           |       |       |        |       |       |       |       |      |                 |       |
|           | U-NII-1_5.15-5.25_802.11a Tx_CH48_5240MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |        |       |        |       |        |        |                 |      |  |      |       |      |        |       |        |      |        |        |        |     |        |        |    |      |      |    |    |    |        |           |       |       |        |       |       |       |       |      |                 |       |
| 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><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th>Remark</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm deg</th></tr><tr><td>1 5456.04</td><td>51.82</td><td>74.00</td><td>-22.18</td><td>41.07</td><td>32.99</td><td>10.60</td><td>32.84</td><td>0.00</td><td>348 107 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 | dB | cm deg | 1 5456.04 | 51.82 | 74.00 | -22.18 | 41.07 | 32.99 | 10.60 | 32.84 | 0.00 | 348 107 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     | dB     | cm deg          |      |  |      |       |      |        |       |        |      |        |        |        |     |        |        |    |      |      |    |    |    |        |           |       |       |        |       |       |       |       |      |                 |       |
| 1 5456.04 | 51.82                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 74.00       | -22.18 | 41.07 | 32.99  | 10.60 | 32.84  | 0.00   | 348 107 PEAK    |      |  |      |       |      |        |       |        |      |        |        |        |     |        |        |    |      |      |    |    |    |        |           |       |       |        |       |       |       |       |      |                 |       |
| Avg       | <div><p>Site : 03CH11-HY<br/>Condition: AVG_BE_54 3m 91200 01620 230817 VERTICAL<br/>: RBW:1000.000kHz VBW:0.020kHz SMT: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>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 deg</th></tr><tr><td>1 5367.60</td><td>41.00</td><td>54.00</td><td>-12.20</td><td>31.17</td><td>32.96</td><td>10.52</td><td>32.85</td><td>0.00</td><td>348 107 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 | dB | cm deg | 1 5367.60 | 41.00 | 54.00 | -12.20 | 31.17 | 32.96 | 10.52 | 32.85 | 0.00 | 348 107 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     | dB     | cm deg          |      |  |      |       |      |        |       |        |      |        |        |        |     |        |        |    |      |      |    |    |    |        |           |       |       |        |       |       |       |       |      |                 |       |
| 1 5367.60 | 41.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 54.00       | -12.20 | 31.17 | 32.96  | 10.52 | 32.85  | 0.00   | 348 107 AVERAGE |      |  |      |       |      |        |       |        |      |        |        |        |     |        |        |    |      |      |    |    |    |        |           |       |       |        |       |       |       |       |      |                 |       |

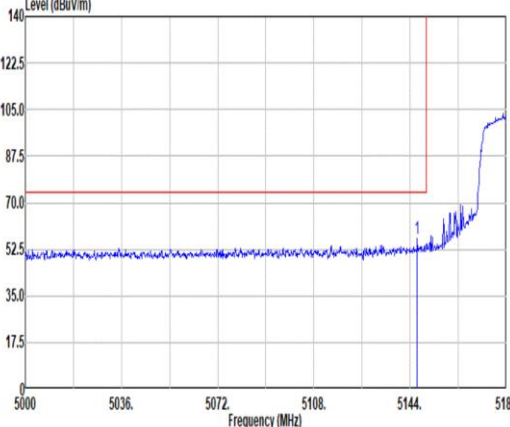
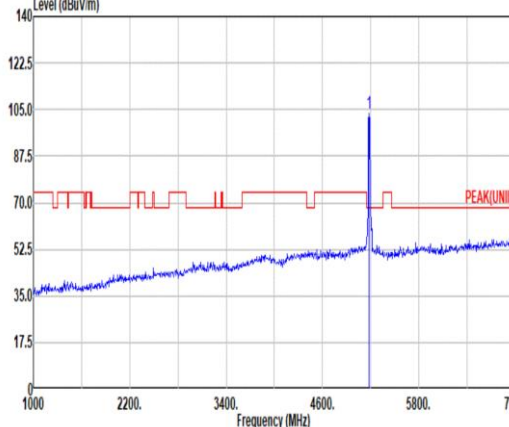
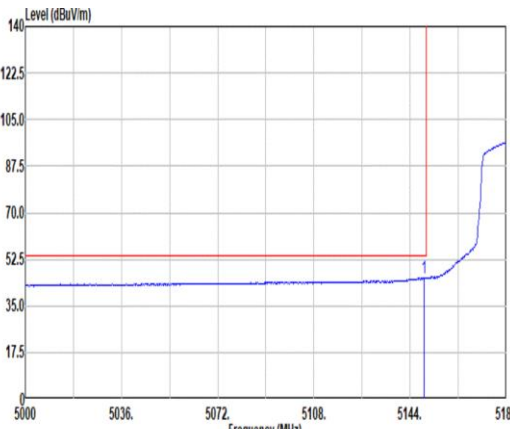
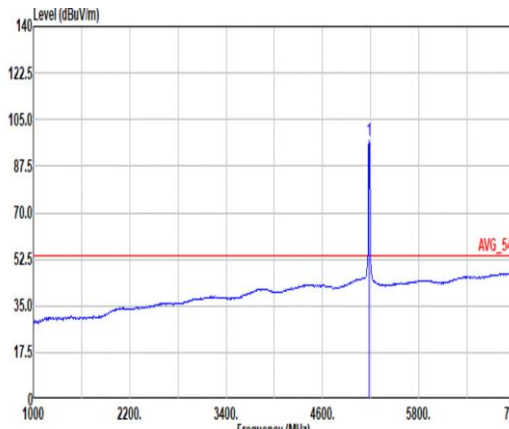


| Mode            | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |          |        |        |        |        |        |        |        |      |      |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |    |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |   |          |       |       |        |       |       |       |       |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |    |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |   |          |       |       |        |       |       |       |       |      |    |      |
|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|--------|--------|--------|--------|--------|--------|--------|------|------|------|-------|------|--------|-------|--------|------|--------|--------|--------|--|-----|--------|--------|----|------|----|----|----|----|-----|---|----------|-------|-------|--------|-------|-------|-------|-------|------|----|------|---|----------|-------|-------|--------|-------|-------|-------|-------|------|----|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------|------|-----|-------|--------|-----|------|------|--|------|-------|------|--------|-------|--------|------|--------|--------|--------|--|-----|--------|--------|----|------|----|----|----|----|-----|---|----------|-------|-------|--------|-------|-------|-------|-------|------|----|------|---|----------|-------|-------|--------|-------|-------|-------|-------|------|----|------|
|                 | Harmonic                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |        |        |        |        |        |        |        |      |      |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |    |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |   |          |       |       |        |       |       |       |       |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |    |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |   |          |       |       |        |       |       |       |       |      |    |      |
|                 | U-NII-1_5.15-5.25_802.11a Tx_CH48_5240MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |        |        |        |        |        |        |        |      |      |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |    |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |   |          |       |       |        |       |       |       |       |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |    |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |   |          |       |       |        |       |       |       |       |      |    |      |
| ANT             | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |          |        |        |        |        |        |        |        |      |      |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |    |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |   |          |       |       |        |       |       |       |       |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |    |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |   |          |       |       |        |       |       |       |       |      |    |      |
| Pol.            | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Vertical |        |        |        |        |        |        |        |      |      |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |    |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |   |          |       |       |        |       |       |       |       |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |    |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |   |          |       |       |        |       |       |       |       |      |    |      |
| Peak<br><br>Avg | <div><p>Site : 03CH11-HY<br/>Condition: PEAK(UNII) 3m 91280_01620_238817 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</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>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>10480.00</td><td>47.40</td><td>68.20</td><td>-20.80</td><td>51.53</td><td>38.74</td><td>17.57</td><td>60.72</td><td>0.28</td><td>--</td><td>PEAK</td></tr><tr><td>2</td><td>15720.00</td><td>46.21</td><td>74.00</td><td>-27.79</td><td>48.62</td><td>37.60</td><td>21.66</td><td>61.90</td><td>0.23</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 | 10480.00 | 47.40 | 68.20 | -20.80 | 51.53 | 38.74 | 17.57 | 60.72 | 0.28 | -- | PEAK | 2 | 15720.00 | 46.21 | 74.00 | -27.79 | 48.62 | 37.60 | 21.66 | 61.90 | 0.23 | -- | PEAK | <div><p>Site : 03CH11-HY<br/>Condition: PEAK(UNII) 3m 91280_01620_238817 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</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>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>10480.00</td><td>46.35</td><td>68.20</td><td>-21.85</td><td>50.48</td><td>38.74</td><td>17.57</td><td>60.72</td><td>0.28</td><td>--</td><td>PEAK</td></tr><tr><td>2</td><td>15720.00</td><td>46.24</td><td>74.00</td><td>-27.76</td><td>48.65</td><td>37.60</td><td>21.66</td><td>61.90</td><td>0.23</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 | 10480.00 | 46.35 | 68.20 | -21.85 | 50.48 | 38.74 | 17.57 | 60.72 | 0.28 | -- | PEAK | 2 | 15720.00 | 46.24 | 74.00 | -27.76 | 48.65 | 37.60 | 21.66 | 61.90 | 0.23 | -- | 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               | 10480.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 47.40    | 68.20  | -20.80 | 51.53  | 38.74  | 17.57  | 60.72  | 0.28   | --   | PEAK |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |    |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |   |          |       |       |        |       |       |       |       |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |    |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |   |          |       |       |        |       |       |       |       |      |    |      |
| 2               | 15720.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 46.21    | 74.00  | -27.79 | 48.62  | 37.60  | 21.66  | 61.90  | 0.23   | --   | 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               | 10480.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 46.35    | 68.20  | -21.85 | 50.48  | 38.74  | 17.57  | 60.72  | 0.28   | --   | PEAK |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |    |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |   |          |       |       |        |       |       |       |       |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |    |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |   |          |       |       |        |       |       |       |       |      |    |      |
| 2               | 15720.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 46.24    | 74.00  | -27.76 | 48.65  | 37.60  | 21.66  | 61.90  | 0.23   | --   | PEAK |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |    |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |   |          |       |       |        |       |       |       |       |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |    |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |   |          |       |       |        |       |       |       |       |      |    |      |
|                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |          |        |        |        |        |        |        |        |      |      |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |    |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |   |          |       |       |        |       |       |       |       |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |    |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |   |          |       |       |        |       |       |       |       |      |    |      |



| Mode                    | 3                                                                                                                                                                  |                                                                                                                                                                   |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                         | Harmonic                                                                                                                                                           |                                                                                                                                                                   |
|                         | U-NII-1_5.15-5.25_802.11a Tx_CH48_5240MHz                                                                                                                          |                                                                                                                                                                   |
| ANT                     | 1                                                                                                                                                                  |                                                                                                                                                                   |
| Pol.                    | Horizontal                                                                                                                                                         | Vertical                                                                                                                                                          |
| 14.47G<br>~14.5G<br>Avg |  <p>Site : 03CH11-HY<br/>Condition: AVG_54 3m 91200_01620_230017 HORIZONTAL</p>  |  <p>Site : 03CH11-HY<br/>Condition: AVG_54 3m 91200_01620_230017 VERTICAL</p>  |
| 17.7G<br>~18G<br>Avg    |  <p>Site : 03CH11-HY<br/>Condition: AVG_54 3m 91200_01620_230017 HORIZONTAL</p> |  <p>Site : 03CH11-HY<br/>Condition: AVG_54 3m 91200_01620_230017 VERTICAL</p> |

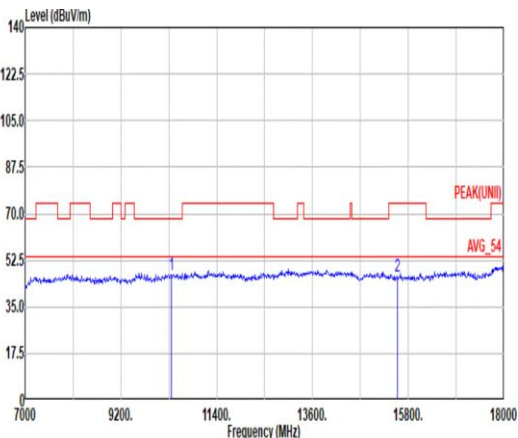
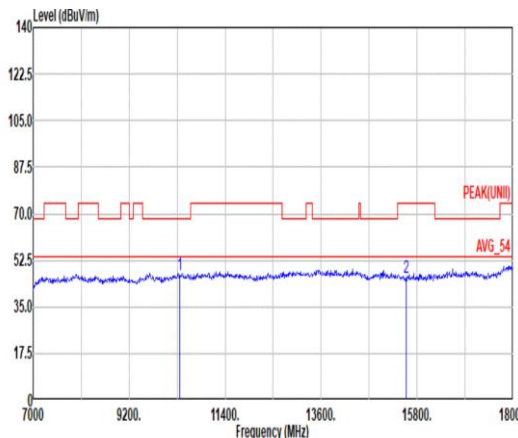


|       | 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |             |        |        |        |        |        |        |        |        |            |       |      |        |       |        |      |        |        |    |     |  |     |        |        |    |      |      |    |    |    |    |     |  |   |         |       |       |        |       |       |       |       |      |     |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |    |     |  |     |        |        |    |      |      |    |    |    |    |     |  |   |         |        |       |       |       |       |       |       |      |     |            |
|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|------------|-------|------|--------|-------|--------|------|--------|--------|----|-----|--|-----|--------|--------|----|------|------|----|----|----|----|-----|--|---|---------|-------|-------|--------|-------|-------|-------|-------|------|-----|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------|-----|-------|--------|-----|------|------|--------|------|-------|------|--------|-------|--------|------|--------|--------|----|-----|--|-----|--------|--------|----|------|------|----|----|----|----|-----|--|---|---------|--------|-------|-------|-------|-------|-------|-------|------|-----|------------|
| Mode  | Band Edge                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |             |        |        |        |        |        |        |        |        |            |       |      |        |       |        |      |        |        |    |     |  |     |        |        |    |      |      |    |    |    |    |     |  |   |         |       |       |        |       |       |       |       |      |     |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |    |     |  |     |        |        |    |      |      |    |    |    |    |     |  |   |         |        |       |       |       |       |       |       |      |     |            |
|       | U-NII-1_5.15-5.25_802.11n HT20_CH36_5180MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |        |        |        |        |        |        |        |        |            |       |      |        |       |        |      |        |        |    |     |  |     |        |        |    |      |      |    |    |    |    |     |  |   |         |       |       |        |       |       |       |       |      |     |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |    |     |  |     |        |        |    |      |      |    |    |    |    |     |  |   |         |        |       |       |       |       |       |       |      |     |            |
| 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><tr><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th>cm</th><th>deg</th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>5146.70</td><td>56.29</td><td>74.00</td><td>-17.71</td><td>45.60</td><td>33.20</td><td>10.36</td><td>32.87</td><td>0.00</td><td>113</td><td>77 PEAK</td></tr></table></div> | Limit       | Read   | Ant    | Cable  | Preamp | Aux    | APos   | TPos   | Remark | Freq       | Level | Line | Margin | Level | Factor | Loss | Factor | Factor | cm | deg |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | cm | deg |  | 1 | 5146.70 | 56.29 | 74.00 | -17.71 | 45.60 | 33.20 | 10.36 | 32.87 | 0.00 | 113 | 77 PEAK    | <div><p>Site : 03CH11-HY<br/>Condition: PEAK(UNII) 3m 91280_01620_230817 HORIZONTAL<br/>: RBW:1000.000kHz VBW:3000.000kHz SWT: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><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th>cm</th><th>deg</th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>5180.00</td><td>103.51</td><td>-----</td><td>-----</td><td>92.84</td><td>33.15</td><td>10.39</td><td>32.87</td><td>0.00</td><td>113</td><td>77 PEAK</td></tr></table></div> | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor | cm | deg |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | cm | deg |  | 1 | 5180.00 | 103.51 | ----- | ----- | 92.84 | 33.15 | 10.39 | 32.87 | 0.00 | 113 | 77 PEAK    |
|       | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Read        | Ant    | Cable  | Preamp | Aux    | APos   | TPos   | Remark |        |            |       |      |        |       |        |      |        |        |    |     |  |     |        |        |    |      |      |    |    |    |    |     |  |   |         |       |       |        |       |       |       |       |      |     |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |    |     |  |     |        |        |    |      |      |    |    |    |    |     |  |   |         |        |       |       |       |       |       |       |      |     |            |
| Freq  | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Line        | Margin | Level  | Factor | Loss   | Factor | Factor | cm     | deg    |            |       |      |        |       |        |      |        |        |    |     |  |     |        |        |    |      |      |    |    |    |    |     |  |   |         |       |       |        |       |       |       |       |      |     |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |    |     |  |     |        |        |    |      |      |    |    |    |    |     |  |   |         |        |       |       |       |       |       |       |      |     |            |
| MHz   | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | dBuV/m      | dB     | dBuV   | dB/m   | dB     | dB     | dB     | cm     | deg    |            |       |      |        |       |        |      |        |        |    |     |  |     |        |        |    |      |      |    |    |    |    |     |  |   |         |       |       |        |       |       |       |       |      |     |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |    |     |  |     |        |        |    |      |      |    |    |    |    |     |  |   |         |        |       |       |       |       |       |       |      |     |            |
| 1     | 5146.70                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 56.29       | 74.00  | -17.71 | 45.60  | 33.20  | 10.36  | 32.87  | 0.00   | 113    | 77 PEAK    |       |      |        |       |        |      |        |        |    |     |  |     |        |        |    |      |      |    |    |    |    |     |  |   |         |       |       |        |       |       |       |       |      |     |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |    |     |  |     |        |        |    |      |      |    |    |    |    |     |  |   |         |        |       |       |       |       |       |       |      |     |            |
| Limit | Read                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Ant         | Cable  | Preamp | Aux    | APos   | TPos   | Remark |        |        |            |       |      |        |       |        |      |        |        |    |     |  |     |        |        |    |      |      |    |    |    |    |     |  |   |         |       |       |        |       |       |       |       |      |     |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |    |     |  |     |        |        |    |      |      |    |    |    |    |     |  |   |         |        |       |       |       |       |       |       |      |     |            |
| Freq  | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Line        | Margin | Level  | Factor | Loss   | Factor | Factor | cm     | deg    |            |       |      |        |       |        |      |        |        |    |     |  |     |        |        |    |      |      |    |    |    |    |     |  |   |         |       |       |        |       |       |       |       |      |     |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |    |     |  |     |        |        |    |      |      |    |    |    |    |     |  |   |         |        |       |       |       |       |       |       |      |     |            |
| MHz   | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | dBuV/m      | dB     | dBuV   | dB/m   | dB     | dB     | dB     | cm     | deg    |            |       |      |        |       |        |      |        |        |    |     |  |     |        |        |    |      |      |    |    |    |    |     |  |   |         |       |       |        |       |       |       |       |      |     |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |    |     |  |     |        |        |    |      |      |    |    |    |    |     |  |   |         |        |       |       |       |       |       |       |      |     |            |
| 1     | 5180.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 103.51      | -----  | -----  | 92.84  | 33.15  | 10.39  | 32.87  | 0.00   | 113    | 77 PEAK    |       |      |        |       |        |      |        |        |    |     |  |     |        |        |    |      |      |    |    |    |    |     |  |   |         |       |       |        |       |       |       |       |      |     |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |    |     |  |     |        |        |    |      |      |    |    |    |    |     |  |   |         |        |       |       |       |       |       |       |      |     |            |
| Avg   | <div><p>Site : 03CH11-HY<br/>Condition: AVG_BE_54 3m 91280_01620_230817 HORIZONTAL<br/>: RBW:1000.000kHz VBW:0.820kHz SWT: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><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th>cm</th><th>deg</th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>5149.22</td><td>45.52</td><td>54.00</td><td>-8.48</td><td>34.02</td><td>33.20</td><td>10.37</td><td>32.87</td><td>0.00</td><td>113</td><td>77 AVERAGE</td></tr></table></div>  | Limit       | Read   | Ant    | Cable  | Preamp | Aux    | APos   | TPos   | Remark | Freq       | Level | Line | Margin | Level | Factor | Loss | Factor | Factor | cm | deg |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | cm | deg |  | 1 | 5149.22 | 45.52 | 54.00 | -8.48  | 34.02 | 33.20 | 10.37 | 32.87 | 0.00 | 113 | 77 AVERAGE | <div><p>Site : 03CH11-HY<br/>Condition: AVG_54 3m 91280_01620_230817 HORIZONTAL<br/>: RBW:1000.000kHz VBW:0.820kHz SWT: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><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th>cm</th><th>deg</th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>5180.00</td><td>97.29</td><td>-----</td><td>-----</td><td>86.62</td><td>33.15</td><td>10.39</td><td>32.87</td><td>0.00</td><td>113</td><td>77 AVERAGE</td></tr></table></div>     | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor | cm | deg |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | dB | cm | deg |  | 1 | 5180.00 | 97.29  | ----- | ----- | 86.62 | 33.15 | 10.39 | 32.87 | 0.00 | 113 | 77 AVERAGE |
|       | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Read        | Ant    | Cable  | Preamp | Aux    | APos   | TPos   | Remark |        |            |       |      |        |       |        |      |        |        |    |     |  |     |        |        |    |      |      |    |    |    |    |     |  |   |         |       |       |        |       |       |       |       |      |     |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |    |     |  |     |        |        |    |      |      |    |    |    |    |     |  |   |         |        |       |       |       |       |       |       |      |     |            |
| Freq  | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Line        | Margin | Level  | Factor | Loss   | Factor | Factor | cm     | deg    |            |       |      |        |       |        |      |        |        |    |     |  |     |        |        |    |      |      |    |    |    |    |     |  |   |         |       |       |        |       |       |       |       |      |     |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |    |     |  |     |        |        |    |      |      |    |    |    |    |     |  |   |         |        |       |       |       |       |       |       |      |     |            |
| MHz   | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | dBuV/m      | dB     | dBuV   | dB/m   | dB     | dB     | dB     | cm     | deg    |            |       |      |        |       |        |      |        |        |    |     |  |     |        |        |    |      |      |    |    |    |    |     |  |   |         |       |       |        |       |       |       |       |      |     |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |    |     |  |     |        |        |    |      |      |    |    |    |    |     |  |   |         |        |       |       |       |       |       |       |      |     |            |
| 1     | 5149.22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 45.52       | 54.00  | -8.48  | 34.02  | 33.20  | 10.37  | 32.87  | 0.00   | 113    | 77 AVERAGE |       |      |        |       |        |      |        |        |    |     |  |     |        |        |    |      |      |    |    |    |    |     |  |   |         |       |       |        |       |       |       |       |      |     |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |    |     |  |     |        |        |    |      |      |    |    |    |    |     |  |   |         |        |       |       |       |       |       |       |      |     |            |
| Limit | Read                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Ant         | Cable  | Preamp | Aux    | APos   | TPos   | Remark |        |        |            |       |      |        |       |        |      |        |        |    |     |  |     |        |        |    |      |      |    |    |    |    |     |  |   |         |       |       |        |       |       |       |       |      |     |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |    |     |  |     |        |        |    |      |      |    |    |    |    |     |  |   |         |        |       |       |       |       |       |       |      |     |            |
| Freq  | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Line        | Margin | Level  | Factor | Loss   | Factor | Factor | cm     | deg    |            |       |      |        |       |        |      |        |        |    |     |  |     |        |        |    |      |      |    |    |    |    |     |  |   |         |       |       |        |       |       |       |       |      |     |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |    |     |  |     |        |        |    |      |      |    |    |    |    |     |  |   |         |        |       |       |       |       |       |       |      |     |            |
| MHz   | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | dBuV/m      | dB     | dBuV   | dB/m   | dB     | dB     | dB     | cm     | deg    |            |       |      |        |       |        |      |        |        |    |     |  |     |        |        |    |      |      |    |    |    |    |     |  |   |         |       |       |        |       |       |       |       |      |     |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |    |     |  |     |        |        |    |      |      |    |    |    |    |     |  |   |         |        |       |       |       |       |       |       |      |     |            |
| 1     | 5180.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 97.29       | -----  | -----  | 86.62  | 33.15  | 10.39  | 32.87  | 0.00   | 113    | 77 AVERAGE |       |      |        |       |        |      |        |        |    |     |  |     |        |        |    |      |      |    |    |    |    |     |  |   |         |       |       |        |       |       |       |       |      |     |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |    |     |  |     |        |        |    |      |      |    |    |    |    |     |  |   |         |        |       |       |       |       |       |       |      |     |            |

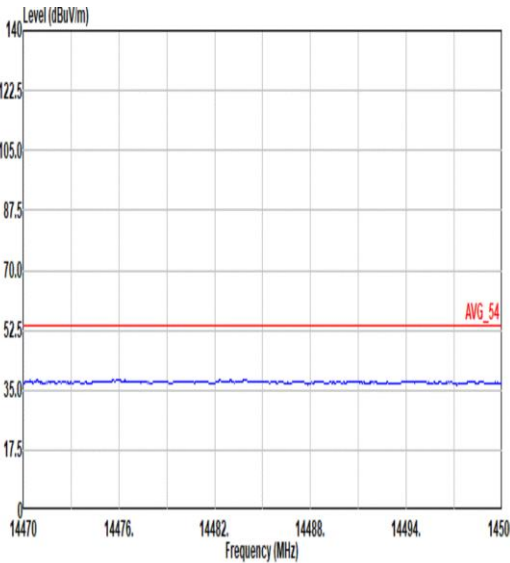
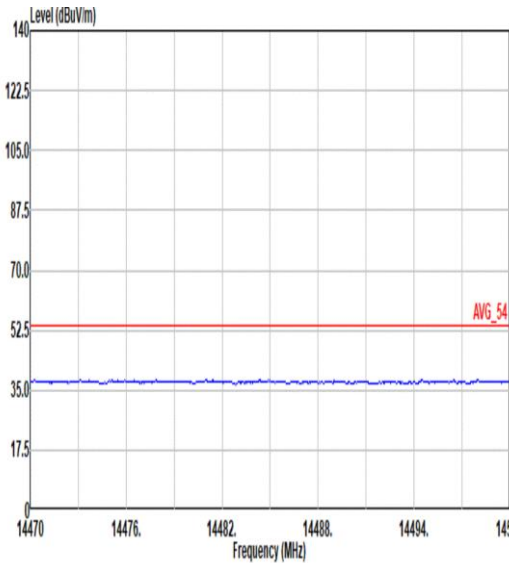
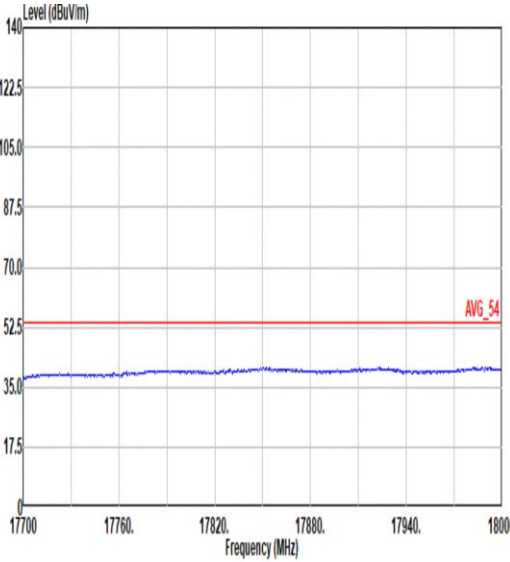
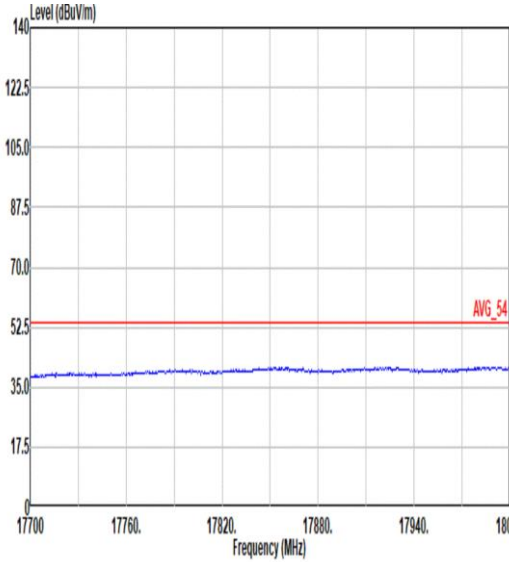


| Mode | 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |        |        |        |       |        |        |        |      |        |         |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |     |         |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------|--------|--------|-------|--------|--------|--------|------|--------|---------|-------|------|--------|-------|--------|------|--------|--------|--|--|-----|--------|--------|----|------|------|----|----|----|-----|---|---------|-------|-------|--------|-------|-------|-------|-------|------|-----|-----|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------|------|-----|-------|--------|-----|------|------|--------|------|-------|------|--------|-------|--------|------|--------|--------|--|--|-----|--------|--------|----|------|------|----|----|----|-----|---|---------|--------|-------|-------|-------|-------|-------|-------|------|-----|-----|---------|
|      | Band Edge                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |             |        |        |        |       |        |        |        |      |        |         |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |     |         |
|      | U-NII-1_5.15-5.25_802.11n HT20_CH36_5180MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |             |        |        |        |       |        |        |        |      |        |         |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |     |         |
| ANT  | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |        |        |        |       |        |        |        |      |        |         |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |     |         |
| Pol. | Vertical                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Fundamental |        |        |        |       |        |        |        |      |        |         |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |     |         |
| Peak | <div><p>Site : 03CH11-HY<br/>Condition: PEAK_BE_74 3m 91280_01620_230817 VERTICAL<br/>: RBW:1000.000kHz VBW:3000.000kHz SMT: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</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</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>5125.28</td><td>53.77</td><td>74.00</td><td>-20.23</td><td>43.09</td><td>33.20</td><td>10.35</td><td>32.87</td><td>0.00</td><td>382</td><td>104</td><td>PEAK</td></tr></table></div> |             | Limit  | Read   | Ant    | Cable | Preamp | Aux    | APos   | TPos | Remark | Freq    | Level | Line | Margin | Level | Factor | Loss | Factor | Factor |  |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 5125.28 | 53.77 | 74.00 | -20.23 | 43.09 | 33.20 | 10.35 | 32.87 | 0.00 | 382 | 104 | PEAK    | <div><p>Site : 03CH11-HY<br/>Condition: PEAK(UNII) 3m 91280_01620_230817 VERTICAL<br/>: RBW:1000.000kHz VBW:3000.000kHz SMT: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</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</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>5180.00</td><td>101.49</td><td>-----</td><td>-----</td><td>90.83</td><td>33.14</td><td>10.39</td><td>32.87</td><td>0.00</td><td>382</td><td>104</td><td>PEAK</td></tr></table></div> |  | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor |  |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 5180.00 | 101.49 | ----- | ----- | 90.83 | 33.14 | 10.39 | 32.87 | 0.00 | 382 | 104 | PEAK    |
|      | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Read        | Ant    | Cable  | Preamp | Aux   | APos   | TPos   | Remark |      |        |         |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |     |         |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Line        | Margin | Level  | Factor | Loss  | Factor | Factor |        |      |        |         |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |     |         |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | dBuV/m      | dBuV/m | dB     | dBuV   | dB/m  | dB     | dB     | cm     | deg  |        |         |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |     |         |
| 1    | 5125.28                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 53.77       | 74.00  | -20.23 | 43.09  | 33.20 | 10.35  | 32.87  | 0.00   | 382  | 104    | PEAK    |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |     |         |
|      | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Read        | Ant    | Cable  | Preamp | Aux   | APos   | TPos   | Remark |      |        |         |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |     |         |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Line        | Margin | Level  | Factor | Loss  | Factor | Factor |        |      |        |         |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |     |         |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | dBuV/m      | dBuV/m | dB     | dBuV   | dB/m  | dB     | dB     | cm     | deg  |        |         |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |     |         |
| 1    | 5180.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 101.49      | -----  | -----  | 90.83  | 33.14 | 10.39  | 32.87  | 0.00   | 382  | 104    | PEAK    |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |     |         |
| Avg  | <div><p>Site : 03CH11-HY<br/>Condition: AVG_BE_54 3m 91280_01620_230817 VERTICAL<br/>: RBW:1000.000kHz VBW:0.820kHz SMT: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</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</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>5149.58</td><td>44.43</td><td>54.00</td><td>-9.57</td><td>33.73</td><td>33.20</td><td>10.37</td><td>32.87</td><td>0.00</td><td>382</td><td>104</td><td>AVERAGE</td></tr></table></div>   |             | Limit  | Read   | Ant    | Cable | Preamp | Aux    | APos   | TPos | Remark | Freq    | Level | Line | Margin | Level | Factor | Loss | Factor | Factor |  |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 5149.58 | 44.43 | 54.00 | -9.57  | 33.73 | 33.20 | 10.37 | 32.87 | 0.00 | 382 | 104 | AVERAGE | <div><p>Site : 03CH11-HY<br/>Condition: AVG_54 3m 91280_01620_230817 VERTICAL<br/>: RBW:1000.000kHz VBW:0.820kHz SMT: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</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</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>5180.00</td><td>94.86</td><td>-----</td><td>-----</td><td>84.19</td><td>33.15</td><td>10.39</td><td>32.87</td><td>0.00</td><td>382</td><td>104</td><td>AVERAGE</td></tr></table></div>      |  | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor |  |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 5180.00 | 94.86  | ----- | ----- | 84.19 | 33.15 | 10.39 | 32.87 | 0.00 | 382 | 104 | AVERAGE |
|      | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Read        | Ant    | Cable  | Preamp | Aux   | APos   | TPos   | Remark |      |        |         |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |     |         |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Line        | Margin | Level  | Factor | Loss  | Factor | Factor |        |      |        |         |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |     |         |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | dBuV/m      | dBuV/m | dB     | dBuV   | dB/m  | dB     | dB     | cm     | deg  |        |         |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |     |         |
| 1    | 5149.58                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 44.43       | 54.00  | -9.57  | 33.73  | 33.20 | 10.37  | 32.87  | 0.00   | 382  | 104    | AVERAGE |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |     |         |
|      | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Read        | Ant    | Cable  | Preamp | Aux   | APos   | TPos   | Remark |      |        |         |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |     |         |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Line        | Margin | Level  | Factor | Loss  | Factor | Factor |        |      |        |         |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |     |         |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | dBuV/m      | dBuV/m | dB     | dBuV   | dB/m  | dB     | dB     | cm     | deg  |        |         |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |     |         |
| 1    | 5180.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 94.86       | -----  | -----  | 84.19  | 33.15 | 10.39  | 32.87  | 0.00   | 382  | 104    | AVERAGE |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |     |         |

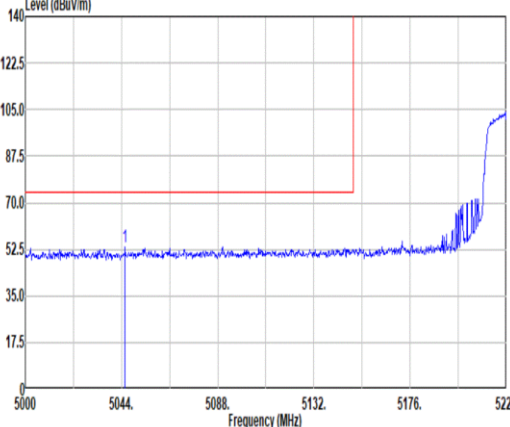
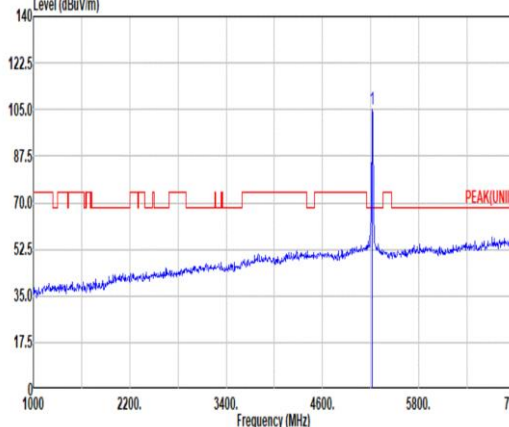
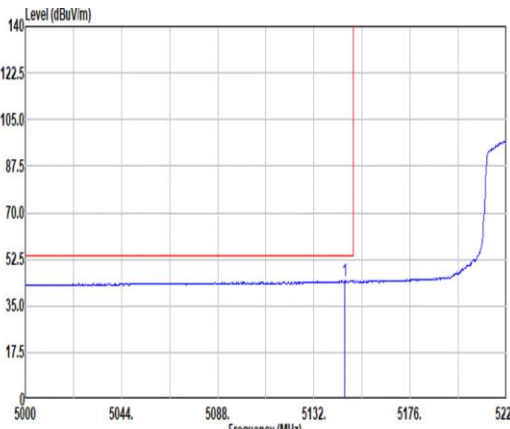
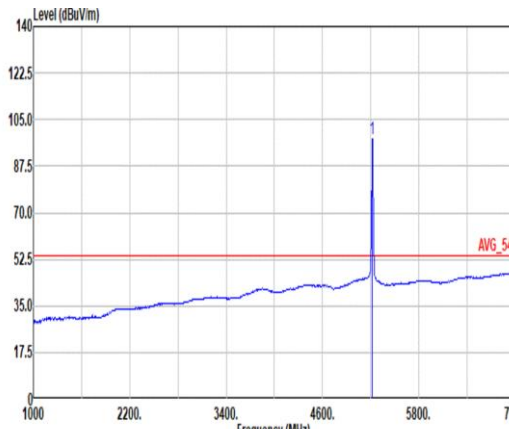


| Mode                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 4                                                                                  |        |        |        |        |       |                                                                                     |        |        |     |      |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |    |      |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |   |          |       |       |        |       |       |       |       |      |    |      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--------|--------|--------|--------|-------|-------------------------------------------------------------------------------------|--------|--------|-----|------|--|-------|------|-----|-------|--------|-----|------|------|--|------|-------|------|--------|-------|--------|------|--------|--------|--------|--|-----|--------|--------|----|----|------|----|----|----|-----|---|----------|-------|-------|--------|-------|-------|-------|-------|------|----|------|---|----------|-------|-------|--------|-------|-------|-------|-------|------|----|------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Harmonic                                                                           |        |        |        |        |       |                                                                                     |        |        |     |      |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |    |      |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |   |          |       |       |        |       |       |       |       |      |    |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | U-NII-1_5.15-5.25_802.11n HT20_CH36_5180MHz                                        |        |        |        |        |       |                                                                                     |        |        |     |      |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |    |      |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |   |          |       |       |        |       |       |       |       |      |    |      |
| ANT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1                                                                                  |        |        |        |        |       |                                                                                     |        |        |     |      |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |    |      |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |   |          |       |       |        |       |       |       |       |      |    |      |
| Pol.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Horizontal                                                                         |        |        |        |        |       | Vertical                                                                            |        |        |     |      |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |    |      |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |   |          |       |       |        |       |       |       |       |      |    |      |
| Peak<br><br>Avg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |        |        |        |        |       |  |        |        |     |      |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |    |      |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |   |          |       |       |        |       |       |       |       |      |    |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Site : 03CH11-HY<br>Condition: PEAK(UNII) 3m 91280_01620_238817 HORIZONTAL         |        |        |        |        |       | Site : 03CH11-HY<br>Condition: PEAK(UNII) 3m 91280_01620_238817 VERTICAL            |        |        |     |      |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |    |      |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |   |          |       |       |        |       |       |       |       |      |    |      |
| <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>dB</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>10360.00</td><td>47.07</td><td>68.20</td><td>-21.13</td><td>50.99</td><td>38.00</td><td>17.53</td><td>60.53</td><td>0.28</td><td>--</td><td>PEAK</td></tr><tr><td>2</td><td>15540.00</td><td>46.32</td><td>74.00</td><td>-27.68</td><td>48.91</td><td>38.00</td><td>21.57</td><td>62.36</td><td>0.20</td><td>--</td><td>PEAK</td></tr></table> |                                                                                    |        |        |        |        |       |                                                                                     |        |        |     |      |  | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos |  | Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor | Remark |  | MHz | dBuV/m | dBuV/m | dB | dB | dB/m | dB | dB | cm | deg | 1 | 10360.00 | 47.07 | 68.20 | -21.13 | 50.99 | 38.00 | 17.53 | 60.53 | 0.28 | -- | PEAK | 2 | 15540.00 | 46.32 | 74.00 | -27.68 | 48.91 | 38.00 | 21.57 | 62.36 | 0.20 | -- | 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     | dB/m  | dB                                                                                  | dB     | cm     | deg |      |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |    |      |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |   |          |       |       |        |       |       |       |       |      |    |      |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 10360.00                                                                           | 47.07  | 68.20  | -21.13 | 50.99  | 38.00 | 17.53                                                                               | 60.53  | 0.28   | --  | PEAK |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |    |      |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |   |          |       |       |        |       |       |       |       |      |    |      |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 15540.00                                                                           | 46.32  | 74.00  | -27.68 | 48.91  | 38.00 | 21.57                                                                               | 62.36  | 0.20   | --  | PEAK |  |       |      |     |       |        |     |      |      |  |      |       |      |        |       |        |      |        |        |        |  |     |        |        |    |    |      |    |    |    |     |   |          |       |       |        |       |       |       |       |      |    |      |   |          |       |       |        |       |       |       |       |      |    |      |

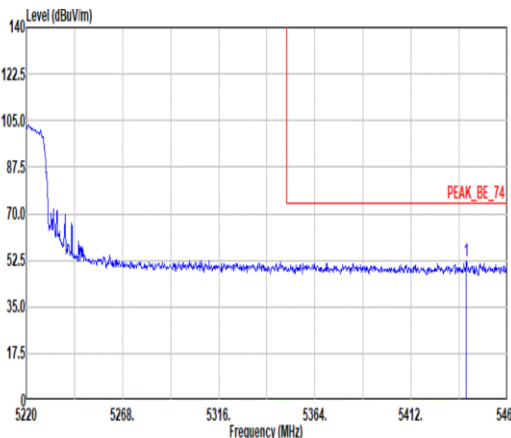
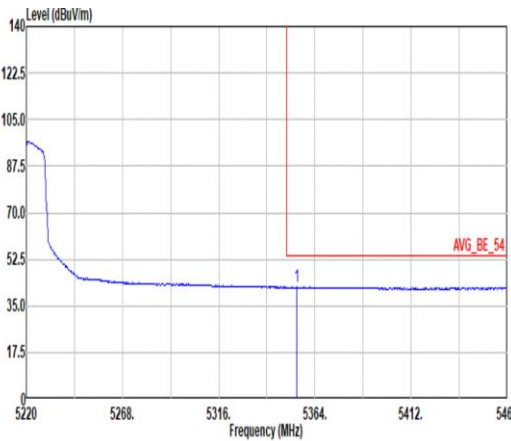


| Mode                    | 4                                                                                                                                                                  |                                                                                                                                                                   |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                         | Harmonic                                                                                                                                                           |                                                                                                                                                                   |
|                         | U-NII-1_5.15-5.25_802.11n HT20_CH36_5180MHz                                                                                                                        |                                                                                                                                                                   |
| ANT                     | 1                                                                                                                                                                  |                                                                                                                                                                   |
| Pol.                    | Horizontal                                                                                                                                                         | Vertical                                                                                                                                                          |
| 14.47G<br>~14.5G<br>Avg |  <p>Site : 03CH11-HY<br/>Condition: AVG_54 3m 91200_01620_230017 HORIZONTAL</p>  |  <p>Site : 03CH11-HY<br/>Condition: AVG_54 3m 91200_01620_230017 VERTICAL</p>  |
|                         |  <p>Site : 03CH11-HY<br/>Condition: AVG_54 3m 91200_01620_230017 HORIZONTAL</p> |  <p>Site : 03CH11-HY<br/>Condition: AVG_54 3m 91200_01620_230017 VERTICAL</p> |



|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 5      |        |        |        |       |                                                                                      |        |        |     |       |         |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |    |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|--------|--------|-------|--------------------------------------------------------------------------------------|--------|--------|-----|-------|---------|-----|------|------|--------|------|-------|------|--------|-------|--------|------|--------|--------|--|--|-----|--------|--------|----|------|------|----|----|----|-----|---|---------|-------|-------|--------|-------|-------|-------|-------|------|-----|----|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|-------|------|-----|-------|--------|-----|------|------|--------|------|-------|------|--------|-------|--------|------|--------|--------|--|--|-----|--------|--------|----|------|------|----|----|----|-----|---|---------|--------|-------|-------|-------|-------|-------|-------|------|-----|----|
| Mode | Band Edge - L                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        |        |        |        |       |                                                                                      |        |        |     |       |         |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |    |
|      | U-NII-1_5.15-5.25_802.11n HT20_CH44_5220MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |        |        |        |        |       |                                                                                      |        |        |     |       |         |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |    |
| ANT  | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |        |        |        |        |       |                                                                                      |        |        |     |       |         |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |    |
| Pol. | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |        |        |        |        |       | Fundamental                                                                          |        |        |     |       |         |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |    |
| Peak |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |        |        |        |        |       |   |        |        |     |       |         |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |    |
|      | <p>Site : 03CH11-HY<br/>Condition: PEAK_BE_74 3m 91200_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>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><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></thead><tbody><tr><td>1</td><td>5045.54</td><td>53.29</td><td>74.00</td><td>-20.71</td><td>42.69</td><td>33.20</td><td>10.28</td><td>32.88</td><td>0.00</td><td>111</td><td>76</td><td>PEAK</td></tr></tbody></table> |        |        |        |        |       |                                                                                      | Limit  | Read   | Ant | Cable | Preamp  | Aux | APos | TPos | Remark | Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor |  |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 5045.54 | 53.29 | 74.00 | -20.71 | 42.69 | 33.20 | 10.28 | 32.88 | 0.00 | 111 | 76 | PEAK    | <p>Site : 03CH11-HY<br/>Condition: PEAK(UNII) 3m 91200_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>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><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></thead><tbody><tr><td>1</td><td>5220.00</td><td>104.93</td><td>-----</td><td>-----</td><td>94.31</td><td>33.06</td><td>10.42</td><td>32.86</td><td>0.00</td><td>111</td><td>76</td><td>PEAK</td></tr></tbody></table> |  |  |  |  |  | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor |  |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 5220.00 | 104.93 | ----- | ----- | 94.31 | 33.06 | 10.42 | 32.86 | 0.00 | 111 | 76 |
|      | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Read   | Ant    | Cable  | Preamp | Aux   | APos                                                                                 | TPos   | Remark |     |       |         |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |    |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Line   | Margin | Level  | Factor | Loss  | Factor                                                                               | Factor |        |     |       |         |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |    |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | dBuV/m | dBuV/m | dB     | dBuV   | dB/m  | dB                                                                                   | dB     | cm     | deg |       |         |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |    |
| 1    | 5045.54                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 53.29  | 74.00  | -20.71 | 42.69  | 33.20 | 10.28                                                                                | 32.88  | 0.00   | 111 | 76    | PEAK    |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |    |
|      | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Read   | Ant    | Cable  | Preamp | Aux   | APos                                                                                 | TPos   | Remark |     |       |         |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |    |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Line   | Margin | Level  | Factor | Loss  | Factor                                                                               | Factor |        |     |       |         |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |    |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | dBuV/m | dBuV/m | dB     | dBuV   | dB/m  | dB                                                                                   | dB     | cm     | deg |       |         |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |    |
| 1    | 5220.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 104.93 | -----  | -----  | 94.31  | 33.06 | 10.42                                                                                | 32.86  | 0.00   | 111 | 76    | PEAK    |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |    |
| Avg  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |        |        |        |        |       |  |        |        |     |       |         |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |    |
|      | <p>Site : 03CH11-HY<br/>Condition: AVG_BE_54 3m 91200_01620_230817 HORIZONTAL<br/>: RBW:1000.000kHz VBW:0.820kHz 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>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><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></thead><tbody><tr><td>1</td><td>5146.00</td><td>44.24</td><td>54.00</td><td>-9.76</td><td>33.55</td><td>33.20</td><td>10.36</td><td>32.87</td><td>0.00</td><td>111</td><td>76</td><td>AVERAGE</td></tr></tbody></table>   |        |        |        |        |       |                                                                                      | Limit  | Read   | Ant | Cable | Preamp  | Aux | APos | TPos | Remark | Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor |  |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 5146.00 | 44.24 | 54.00 | -9.76  | 33.55 | 33.20 | 10.36 | 32.87 | 0.00 | 111 | 76 | AVERAGE | <p>Site : 03CH11-HY<br/>Condition: AVG_54 3m 91200_01620_230817 HORIZONTAL<br/>: RBW:1000.000kHz VBW:0.820kHz 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>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><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></thead><tbody><tr><td>1</td><td>5220.00</td><td>97.76</td><td>-----</td><td>-----</td><td>87.14</td><td>33.06</td><td>10.42</td><td>32.86</td><td>0.00</td><td>111</td><td>76</td><td>AVERAGE</td></tr></tbody></table>      |  |  |  |  |  | Limit | Read | Ant | Cable | Preamp | Aux | APos | TPos | Remark | Freq | Level | Line | Margin | Level | Factor | Loss | Factor | Factor |  |  | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | dB | dB | cm | deg | 1 | 5220.00 | 97.76  | ----- | ----- | 87.14 | 33.06 | 10.42 | 32.86 | 0.00 | 111 | 76 |
|      | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Read   | Ant    | Cable  | Preamp | Aux   | APos                                                                                 | TPos   | Remark |     |       |         |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |    |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Line   | Margin | Level  | Factor | Loss  | Factor                                                                               | Factor |        |     |       |         |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |    |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | dBuV/m | dBuV/m | dB     | dBuV   | dB/m  | dB                                                                                   | dB     | cm     | deg |       |         |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |    |
| 1    | 5146.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 44.24  | 54.00  | -9.76  | 33.55  | 33.20 | 10.36                                                                                | 32.87  | 0.00   | 111 | 76    | AVERAGE |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |    |
|      | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Read   | Ant    | Cable  | Preamp | Aux   | APos                                                                                 | TPos   | Remark |     |       |         |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |    |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Line   | Margin | Level  | Factor | Loss  | Factor                                                                               | Factor |        |     |       |         |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |    |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | dBuV/m | dBuV/m | dB     | dBuV   | dB/m  | dB                                                                                   | dB     | cm     | deg |       |         |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |    |
| 1    | 5220.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 97.76  | -----  | -----  | 87.14  | 33.06 | 10.42                                                                                | 32.86  | 0.00   | 111 | 76    | AVERAGE |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |    |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |  |       |      |     |       |        |     |      |      |        |      |       |      |        |       |        |      |        |        |  |  |     |        |        |    |      |      |    |    |    |     |   |         |        |       |       |       |       |       |       |      |     |    |



| Mode | 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |             |        |        |        |       |        |        |        |      |    |         |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |    |         |       |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------|--------|--------|-------|--------|--------|--------|------|----|---------|-------|------|--------|-------|--------|------|--------|--------|--------|--|-----|--------|--------|----|------|------|----|----|----|-----|---|---------|-------|-------|--------|-------|-------|-------|-------|------|-----|----|---------|-------|
|      | Band Edge - R                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |             |        |        |        |       |        |        |        |      |    |         |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |    |         |       |
|      | U-NII-1_5.15-5.25_802.11n HT20_CH44_5220MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |             |        |        |        |       |        |        |        |      |    |         |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |    |         |       |
| ANT  | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |             |        |        |        |       |        |        |        |      |    |         |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |    |         |       |
| Pol. | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Fundamental |        |        |        |       |        |        |        |      |    |         |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |    |         |       |
| Peak | <div><p>Site : 03CH11-HY<br/>Condition: PEAK_BE_74 3m 91200 01620 230817 HORIZONTAL<br/>: RBW:1000.000kHz VBW:3000.000kHz SMT: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>5355.12</td><td>52.19</td><td>74.00</td><td>-21.81</td><td>41.47</td><td>32.98</td><td>10.58</td><td>32.84</td><td>0.00</td><td>111</td><td>76</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 | dBuV | dB/m | dB | dB | cm | deg | 1 | 5355.12 | 52.19 | 74.00 | -21.81 | 41.47 | 32.98 | 10.58 | 32.84 | 0.00 | 111 | 76 | 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    | 5355.12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 52.19       | 74.00  | -21.81 | 41.47  | 32.98 | 10.58  | 32.84  | 0.00   | 111  | 76 | PEAK    |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |    |         |       |
| Avg  | <div><p>Site : 03CH11-HY<br/>Condition: AVG_BE_54 3m 91200 01620 230817 HORIZONTAL<br/>: RBW:1000.000kHz VBW:0.020kHz SMT: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>5355.12</td><td>42.11</td><td>54.00</td><td>-11.89</td><td>31.46</td><td>32.99</td><td>10.51</td><td>32.85</td><td>0.00</td><td>111</td><td>76</td><td>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 | 5355.12 | 42.11 | 54.00 | -11.89 | 31.46 | 32.99 | 10.51 | 32.85 | 0.00 | 111 | 76 | 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    | 5355.12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 42.11       | 54.00  | -11.89 | 31.46  | 32.99 | 10.51  | 32.85  | 0.00   | 111  | 76 | AVERAGE |       |      |        |       |        |      |        |        |        |  |     |        |        |    |      |      |    |    |    |     |   |         |       |       |        |       |       |       |       |      |     |    |         |       |