# FCC CO-LOCATION RADIO TEST REPORT

| | | |
|---|---|---|
| **FCC ID** | : | **2AXW2-3476** |
| **Equipment** | : | **Digital Media Receiver** |
| **Model Name** | : | **C76N8S** |
| **Applicant** | : | **Calcium Crater LLC**<br>**DTC QUADRANT**<br>**5445 DTC PARKWAY, PENTHOUSE 4**<br>**GREENWOOD VILLAGE,**<br>**COLORADO, 80111** |
| **Standard** | : | **FCC Part 15 Subpart C §15.247** |

**The product was received on Dec. 14, 2020 and testing was started from Dec. 16, 2020 and completed on Jan. 05, 2021. We, SPORTON INTERNATIONAL INC., EMC & Wireless Communications 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 of SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.**

Louis Wu

**Approved by: Louis Wu**

***SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory***
*No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)*

# Table of Contents

# History of this test report

| Report No. | Version | Description | Issued Date |
|---|---|---|---|
| FR092923-01F | 01 | Initial issue of report | Jan. 26, 2021 |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

# Summary of Test Result

| Report Clause | Ref Std. Clause | Test Items | Result (PASS/FAIL) |
|---|---|---|---|
| 3.1 | 15.247(d) | Radiated Band Edges and Radiated Spurious Emission | Pass |
| 3.2 | 15.203 & 15.247(b) | Antenna Requirement | Pass |

| **Declaration of Conformity:** |
|---|
| The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers. |
| **Comments and Explanations:** |
| The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification. |

**Reviewed by: Wii Chang**

**Report Producer: Yimin Ho**

# 1 General Description

## 1.1 Product Feature of Equipment Under Test

| Product Feature | |
|---|---|
| **Equipment** | Digital Media Receiver |
| **Model Name** | C76N8S |
| **FCC ID** | 2AXW2-3476 |
| **EUT supports Radios application** | WLAN 11b/g/n HT20<br>WLAN 11a/n HT20/HT40<br>WLAN 11ac VHT20/VHT40/VHT80<br>Bluetooth BR/EDR/LE |

## 1.2 Product Specification of Equipment Under Test

| Product Specification subjective to this standard | |
|---|---|
| **Tx/Rx Frequency Range** | 2402 MHz ~ 2480 MHz<br>2412 MHz ~ 2472 MHz |
| **Antenna Type / Gain** | **<Bluetooth LE>**<br>PCB IFA Antenna with gain 2.78 dBi<br>**<WLAN 2.4GHz>**<br>PCB IFA Antenna with gain 3.45 dBi |
| **Type of Modulation** | Bluetooth LE : GFSK<br>802.11b : DSSS (DBPSK / DQPSK / CCK)<br>802.11g/n : OFDM (BPSK / QPSK / 16QAM / 64QAM) |

**Remark:** The above EUT's information was declared by manufacturer. Please refer to Comments and Explanations in report summary.

## 1.3 Modification of EUT

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

## 1.4 Testing Location

| | |
|---|---|
| **Test Site** | SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory |
| **Test Site Location** | No.52, Huaya 1st Rd., Guishan Dist.,<br>Taoyuan City, Taiwan (R.O.C.)<br>TEL: +886-3-327-3456<br>FAX: +886-3-328-4978 |
| **Test Site No.** | **Sporton Site No.** |
| | 03CH07-HY |

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

FCC designation No.: TW1190

## 1.5 Applicable Standards

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

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

**Remark:**

1. All test items were verified and recorded according to the standards and without any deviation during the test.
2. The TAF code is not including all the FCC KDB listed without accreditation.

# 2 Test Configuration of Equipment Under Test

The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application. Frequency range investigated: radiation emission (9 kHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower).

## 2.1 Carrier Frequency and Channel

| 2400-2483.5 MHz | | | |
|---|---|---|---|
| Bluetooth - LE | | 802.11b/g/n | |
| Channel | Freq. (MHz) | Channel | Freq. (MHz) |
| 1 | 2404 | 1 | 2412 |
| 11 | 2424 | 8 | 2447 |
| 25 | 2452 | 11 | 2462 |
| 39 | 2480 | - | - |

## 2.2 Test Mode

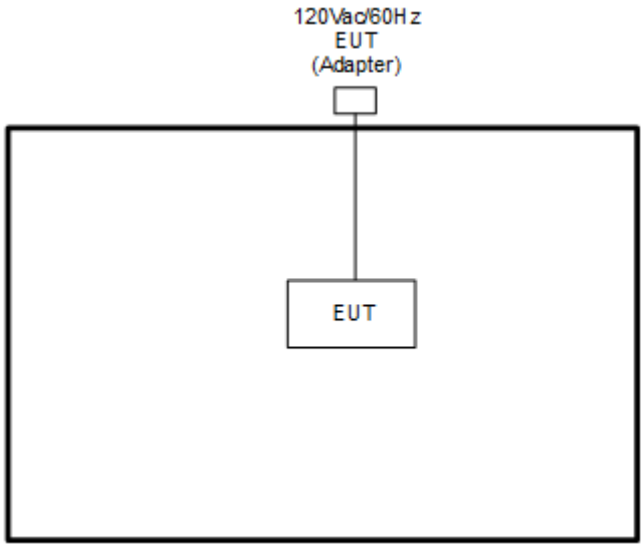
**Final test modes are considering the modulation and worse data rates as below table.**

**<Co-Location>**

| Modulation | Data Rate |
|---|---|
| **Bluetooth - LE for Ant. 2 + 2.4GHz 802.11b for Ant. 1** | **1Mbps + 1Mbps** |
| **Bluetooth - LE for Ant. 2 + 2.4GHz 802.11g for Ant. 1** | **1Mbps + 6 Mbps** |
| **Bluetooth - LE for Ant. 2 + 2.4GHz 802.11n HT20 for Ant. 1** | **1Mbps + MCS0** |
| **Bluetooth - LE for Ant. 2 + 2.4GHz 802.11n HT20 for Ant. 1** | **2Mbps + MCS0** |

**Remark:** All the tests were performed with AC Adapter (AP23 G1) (Acbel).

## 2.3 Connection Diagram of Test System




## 2.4 EUT Operation Test Setup

The RF test items, utility “Compliance tool v1.0.0.90” was installed in Notebook which was programmed in order to make the EUT get into the engineering modes to provide channel selection, power level, data rate and the application type and for continuous transmitting signals.

# 3 Test Result

## 3.1 Radiated Band Edges and Spurious Emission Measurement

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

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

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

### 3.1.2 Measuring Instruments

See list of measuring equipment of this test report.

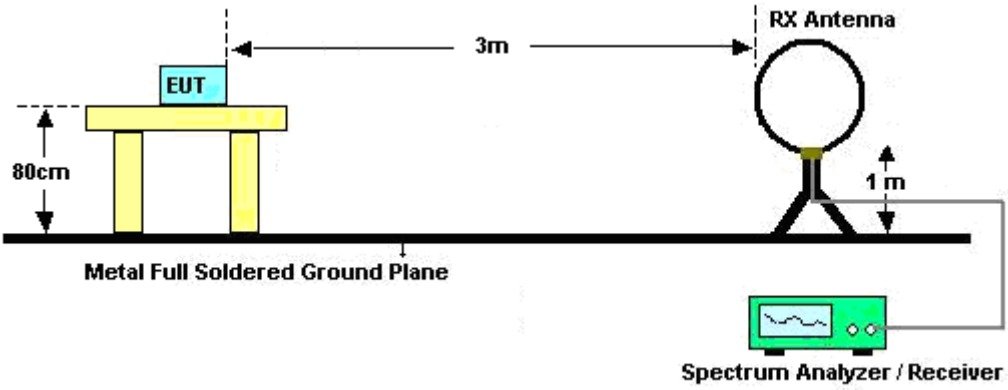
### 3.1.3 Test Procedures

1. The testing follows the ANSI C63.10 Section 11.12.1 Radiated emission measurements.
2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level.
3. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
5. Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level
6. For testing below 1GHz, if the emission level of the EUT in peak mode was 3 dB lower than the limit specified, then peak values of EUT will be reported, otherwise, the emissions will be repeated one by one using the CISPR quasi-peak method and reported.

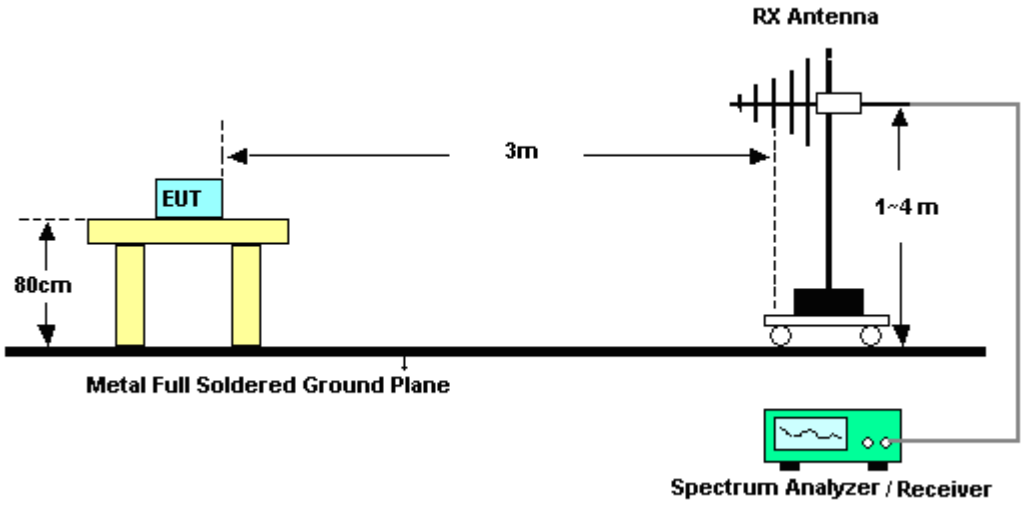
7. For testing above 1GHz, the emission level of the EUT in peak mode was 20dB lower than average limit (that means the emission level in average mode also complies with the limit in average mode), then peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.
8. Use the following spectrum analyzer settings:
   (1) Span shall wide enough to fully capture the emission being measured;
   (2) Set RBW=100 kHz for f < 1 GHz; VBW ≥ RBW; Sweep = auto; Detector function = peak; Trace = max hold;
   (3) Set RBW = 1 MHz, VBW= 3MHz for f ≥ 1 GHz for peak measurement.
   For average measurement:
   - VBW = 10 Hz, when duty cycle is no less than 98 percent.
   - VBW ≥ 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.

### 3.1.4 Test Setup

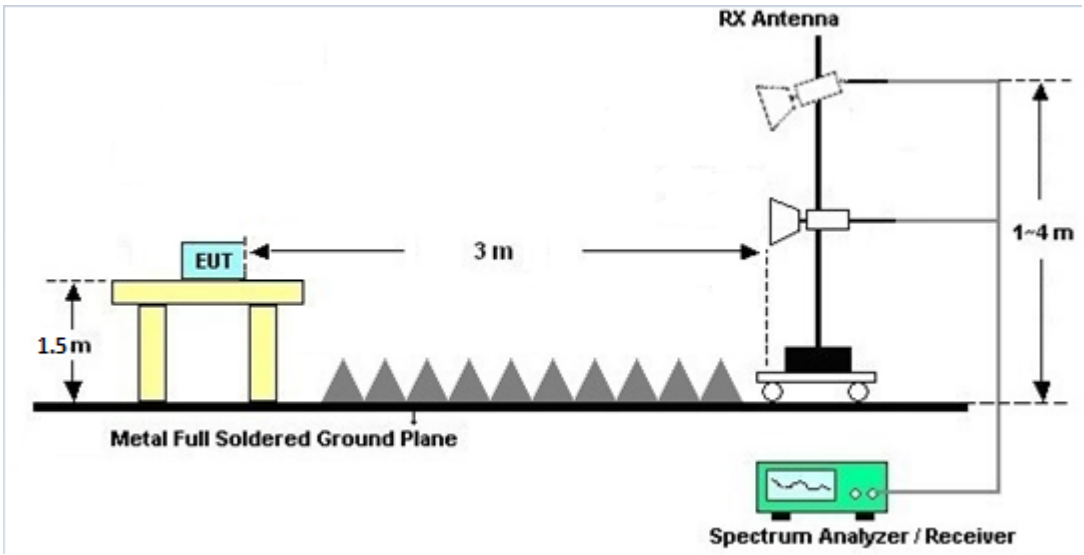
**For radiated emissions below 30MHz**



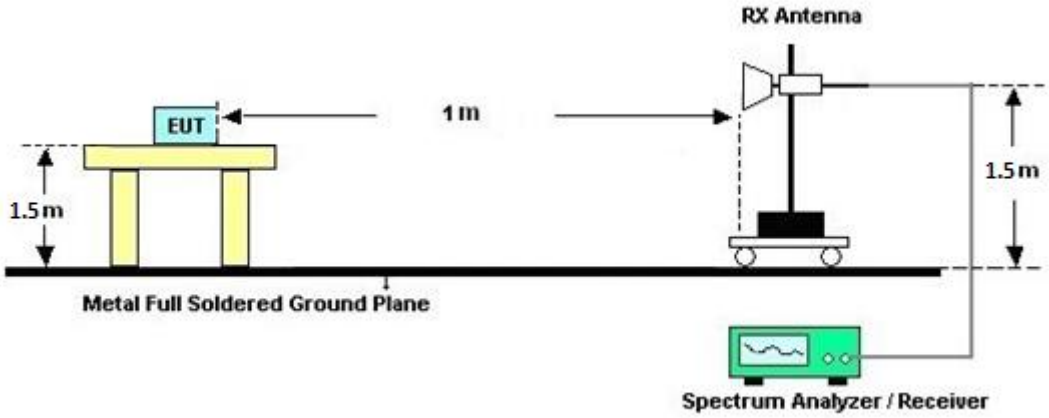
**For radiated emissions from 30MHz to 1GHz**




**For radiated test from 1GHz to 18GHz**



**For radiated test above 18GHz**




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

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

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

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

Please refer to Appendix A and B.

### 3.1.7 Duty Cycle

Please refer to Appendix C.

### 3.1.8 Test Result of Radiated Spurious Emission (30MHz ~ 10$^{th}$ Harmonic)

Please refer to Appendix A and B.

## 3.2 Antenna Requirements

### 3.2.1 Standard Applicable

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

### 3.2.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

### 3.2.3 Antenna Gain

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

# 4 List of Measuring Equipment

| Instrument | Brand Name | Model No. | Serial No. | Characteristics | Calibration Date | Test Date | Due Date | Remark |
|---|---|---|---|---|---|---|---|---|
| Loop Antenna | Rohde & Schwarz | HFH2-Z2 | 100488 | 9 kHz~30 MHz | Jul. 14, 2020 | Dec. 16, 2020~ Jan. 05, 2021 | Jul. 13, 2021 | Radiation (03CH07-HY) |
| Bilog Antenna | TESEQ | CBL 6111D & 00800N1D01 N-06 | 35419 & 03 | 30MHz~1GHz | Apr. 29, 2020 | Dec. 16, 2020~ Jan. 05, 2021 | Apr. 28, 2021 | Radiation (03CH07-HY) |
| Double Ridge Horn Antenna | ESCO | 3117 | 00075962 | 1GHz ~ 18GHz | Dec. 01, 2020 | Dec. 16, 2020~ Jan. 05, 2021 | Nov. 30, 2021 | Radiation (03CH07-HY) |
| SHF-EHF Horn Antenna | SCHWARZBECK | BBHA 9170 | BBHA9170 251 | 18GHz~40GHz | Dec. 02, 2020 | Dec. 16, 2020~ Jan. 05, 2021 | Dec. 01, 2021 | Radiation (03CH07-HY) |
| EMI Test Receiver | Agilent | N9038A (MXE) | MY5329005 3 | 20Hz~26.5GHz | May 21, 2020 | Dec. 16, 2020~ Jan. 05, 2021 | May 20, 2021 | Radiation (03CH07-HY) |
| Spectrum Analyzer | Agilent | N9030A | MY5235027 6 | 3Hz~44GHz | Jun. 09, 2020 | Dec. 16, 2020~ Jan. 05, 2021 | Jun. 08, 2021 | Radiation (03CH07-HY) |
| Preamplifier | COM-POWER | PA-103A | 161241 | 10MHz~1GHz | May 19, 2020 | Dec. 16, 2020~ Jan. 05, 2021 | May 18, 2021 | Radiation (03CH07-HY) |
| Preamplifier | MITEQ | AMF-7D-0010 1800-30-10P | 1590075 | 1GHz~18GHz | Apr. 23, 2020 | Dec. 16, 2020~ Jan. 05, 2021 | Apr. 22, 2021 | Radiation (03CH07-HY) |
| Preamplifier | Agilent | 8449B | 3008A0236 2 | 1GHz~26.5GHz | Oct. 31, 2020 | Dec. 16, 2020~ Jan. 05, 2021 | Oct. 30, 2021 | Radiation (03CH07-HY) |
| Preamplifier | EMEC | EM18G40G | 060801 | 18GHz~40GHz | Jun. 15, 2020 | Dec. 16, 2020~ Jan. 05, 2021 | Jun. 14, 2021 | Radiation (03CH07-HY) |
| RF Cable | HUBER + SUHNER | SUCOFLEX 102 | MY2858/2,8 01606/2 | 18GHz~40GHz | Feb. 25, 2020 | Dec. 16, 2020~ Jan. 05, 2021 | Feb. 24, 2021 | Radiation (03CH07-HY) |
| RF Cable | HUBER + SUHNER | SUCOFLEX 104 | MY24971/4, MY28655/4 | 9kHz~30MHz | Feb. 25, 2020 | Dec. 16, 2020~ Jan. 05, 2021 | Feb. 24, 2021 | Radiation (03CH07-HY) |
| RF Cable | HUBER + SUHNER | SUCOFLEX 104 | MY28655/4, MY24971/4, MY15682/4 | 30MHz~1GHz | Feb. 25, 2020 | Dec. 16, 2020~ Jan. 05, 2021 | Feb. 24, 2021 | Radiation (03CH07-HY) |
| RF Cable | HUBER + SUHNER | SUCOFLEX 104 | MY28655/4, MY24971/4, MY15682/4 | 1GHz~18GHz | Feb. 25, 2020 | Dec. 16, 2020~ Jan. 05, 2021 | Feb. 24, 2021 | Radiation (03CH07-HY) |
| Antenna Mast | Max-Full | MFA520BS | N/A | 1m~4m | N/A | Dec. 16, 2020~ Jan. 05, 2021 | N/A | Radiation (03CH07-HY) |
| Turn Table | ChainTek | Chaintek 3000 | N/A | 0~360 Degree | N/A | Dec. 16, 2020~ Jan. 05, 2021 | N/A | Radiation (03CH07-HY) |
| Software | Audix | E3 6.2009-8-24 | N/A | N/A | N/A | Dec. 16, 2020~ Jan. 05, 2021 | N/A | Radiation (03CH07-HY) |

# 5 Uncertainty of Evaluation

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

| | |
|---|---|
| **Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))** | **4.7** |

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

| | |
|---|---|
| **Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))** | **5.3** |

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

| | |
|---|---|
| **Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))** | **5.0** |

# Appendix A. Radiated Spurious Emission

| Test Engineer : | Jesse Wang, Stan Hsieh, Ken Wu | Temperature : | 21~24°C |
|---|---|---|---|
| | | Relative Humidity : | 55~65% |

**2.4GHz 2400~2483.5MHz (Band Edge @ 3m)**

| | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | Preamp | Ant | Table | Peak | Pol. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Factor | Loss | Factor | Pos | Pos | Avg. | |
| Simultaneously | | ( MHz ) | ( dBµV/m ) | ( dB ) | ( dBµV/m ) | (dBµV) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | (P/A) | (H/V) |
| Ant 1 11b Ch11 + Ant 2 BLE(1M) Ch11 | | 2388.2 | 53.05 | -20.95 | 74 | 38.55 | 31.9 | 18.01 | 35.41 | 305 | 316 | P | H |
| | | 2387.35 | 42.56 | -11.44 | 54 | 28.06 | 31.9 | 18.01 | 35.41 | 305 | 316 | A | H |
| | * | 2462 | 105.55 | - | - | 90.56 | 32.33 | 18.1 | 35.44 | 305 | 316 | P | H |
| | * | 2462 | 102.41 | - | - | 87.42 | 32.33 | 18.1 | 35.44 | 305 | 316 | A | H |
| | | 2485.986 | 54.21 | -19.79 | 74 | 39.08 | 32.47 | 18.11 | 35.45 | 305 | 316 | P | H |
| | | 2500 | 44.8 | -9.2 | 54 | 29.52 | 32.6 | 18.14 | 35.46 | 305 | 316 | A | H |
| | | 2388.2 | 52.99 | -21.01 | 74 | 38.49 | 31.9 | 18.01 | 35.41 | 100 | 66 | P | V |
| | | 2387.86 | 42.78 | -11.22 | 54 | 28.28 | 31.9 | 18.01 | 35.41 | 100 | 66 | A | V |
| | * | 2462 | 108.4 | - | - | 93.41 | 32.33 | 18.1 | 35.44 | 100 | 66 | P | V |
| | * | 2462 | 105.46 | - | - | 90.47 | 32.33 | 18.1 | 35.44 | 100 | 66 | A | V |
| | | 2499.902 | 56.29 | -17.71 | 74 | 41.02 | 32.6 | 18.13 | 35.46 | 100 | 66 | P | V |
| | | 2500 | 48.63 | -5.37 | 54 | 33.35 | 32.6 | 18.14 | 35.46 | 100 | 66 | A | V |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |

**BLE (Band Edge @ 3m)**

| | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | Preamp | Ant | Table | Peak | Pol. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Factor | Loss | Factor | Pos | Pos | Avg. | |
| Simultaneously | | ( MHz ) | ( dBµV/m ) | ( dB ) | ( dBµV/m ) | (dBµV) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | (P/A) | (H/V) |
| Ant 1 11b Ch11 + Ant 2 BLE(1M) Ch11 | | 2378 | 53.31 | -20.69 | 74 | 38.86 | 31.87 | 17.99 | 35.41 | 330 | 226 | P | H |
| | | 2388.54 | 45.05 | -8.95 | 54 | 30.55 | 31.9 | 18.01 | 35.41 | 330 | 226 | A | H |
| | * | 2424 | 99.04 | - | - | 84.32 | 32.1 | 18.05 | 35.43 | 330 | 226 | P | H |
| | * | 2424 | 98.17 | - | - | 83.45 | 32.1 | 18.05 | 35.43 | 330 | 226 | A | H |
| | | 2484.908 | 56.72 | -17.28 | 74 | 41.59 | 32.47 | 18.11 | 35.45 | 330 | 226 | P | H |
| | | 2500 | 46.09 | -7.91 | 54 | 30.81 | 32.6 | 18.14 | 35.46 | 330 | 226 | A | H |
| | | 2385.82 | 54.48 | -19.52 | 74 | 39.98 | 31.9 | 18.01 | 35.41 | 101 | 297 | P | V |
| | | 2386.5 | 45.76 | -8.24 | 54 | 31.26 | 31.9 | 18.01 | 35.41 | 101 | 297 | A | V |
| | * | 2426 | 98.77 | - | - | 84.04 | 32.1 | 18.06 | 35.43 | 101 | 297 | P | V |
| | * | 2424 | 98.07 | - | - | 83.35 | 32.1 | 18.05 | 35.43 | 101 | 297 | A | V |
| | | 2500 | 55.77 | -18.23 | 74 | 40.49 | 32.6 | 18.14 | 35.46 | 101 | 297 | P | V |
| | | 2499.902 | 50.04 | -3.96 | 54 | 34.77 | 32.6 | 18.13 | 35.46 | 101 | 297 | A | V |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |

**2.4GHz 2400~2483.5MHz (2386MHz IM3 @ 3m)**

| | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | Preamp | Ant | Table | Peak | Pol. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Factor | Loss | Factor | Pos | Pos | Avg. | |
| Simultaneously | | ( MHz ) | ( dBµV/m ) | ( dB ) | ( dBµV/m ) | (dBµV) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | (P/A) | (H/V) |
| Ant 1 11b Ch11 + Ant 2 BLE(1M) Ch11 | | 2386 | 54.41 | -19.59 | 74 | 39.91 | 31.9 | 18.01 | 35.41 | 300 | 228 | P | H |
| | | 2386 | 46.84 | -7.16 | 54 | 32.34 | 31.9 | 18.01 | 35.41 | 300 | 228 | A | H |
| | | 2386 | 54.63 | -19.37 | 74 | 40.13 | 31.9 | 18.01 | 35.41 | 293 | 197 | P | V |
| | | 2386 | 47.34 | -6.66 | 54 | 32.84 | 31.9 | 18.01 | 35.41 | 293 | 197 | A | V |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |

**2.4GHz 2400~2483.5MHz (2500MHz IM3 @ 3m)**

| | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | Preamp | Ant | Table | Peak | Pol. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Factor | Loss | Factor | Pos | Pos | Avg. | |
| Simultaneously | | ( MHz ) | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | (dBμV) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | (P/A) | (H/V) |
| Ant 1 11b Ch11 + Ant 2 BLE(1M) Ch11 | | 2500 | 56.78 | -17.22 | 74 | 41.5 | 32.6 | 18.14 | 35.46 | 300 | 232 | P | H |
| | | 2500 | 50.42 | -3.58 | 54 | 35.14 | 32.6 | 18.14 | 35.46 | 300 | 232 | A | H |
| | | 2500 | 57.06 | -16.94 | 74 | 41.78 | 32.6 | 18.14 | 35.46 | 100 | 40 | P | V |
| | | 2500 | 50.95 | -3.05 | 54 | 35.67 | 32.6 | 18.14 | 35.46 | 100 | 40 | A | V |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |

**2.4GHz 2400~2483.5MHz (Harmonic @ 3m)**

| | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | Preamp | Ant | Table | Peak | Pol. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Factor | Loss | Factor | Pos | Pos | Avg. | |
| Simultaneously | | ( MHz ) | ( dBµV/m ) | ( dB ) | ( dBµV/m ) | (dBµV) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | (P/A) | (H/V) |
| Ant 1 11b Ch11 + Ant 2 BLE(1M) Ch11 | | 4848 | 39.32 | -34.68 | 74 | 52.1 | 34.1 | 11.95 | 58.83 | 100 | 0 | P | H |
| | | 4924 | 42.58 | -31.42 | 74 | 54.91 | 34.17 | 12.14 | 58.64 | 100 | 0 | P | H |
| | | 7272 | 40.82 | -33.18 | 74 | 48.16 | 35.67 | 14.42 | 57.43 | 100 | 0 | P | H |
| | | 7386 | 41.34 | -32.66 | 74 | 48.73 | 35.6 | 14.55 | 57.54 | 100 | 0 | P | H |
| | | 4848 | 38.88 | -35.12 | 74 | 51.66 | 34.1 | 11.95 | 58.83 | 100 | 0 | P | V |
| | | 4924 | 44.63 | -29.37 | 74 | 56.96 | 34.17 | 12.14 | 58.64 | 100 | 0 | P | V |
| | | 7272 | 40.06 | -33.94 | 74 | 47.4 | 35.67 | 14.42 | 57.43 | 100 | 0 | P | V |
| | | 7386 | 40.45 | -33.55 | 74 | 47.84 | 35.6 | 14.55 | 57.54 | 100 | 0 | P | V |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |

**2.4GHz 2400~2483.5MHz (Band Edge @ 3m)**

| | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | Preamp | Ant | Table | Peak | Pol. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Factor | Loss | Factor | Pos | Pos | Avg. | |
| Simultaneously | | ( MHz ) | ( dBµV/m ) | ( dB ) | ( dBµV/m ) | (dBµV) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | (P/A) | (H/V) |
| Ant 1 11b Ch08 + Ant 2 BLE(1M) Ch01 | | 2329.89 | 53.85 | -20.15 | 74 | 39.58 | 31.77 | 17.89 | 35.39 | 341 | 25 | P | H |
| | | 2389.73 | 42.83 | -11.17 | 54 | 28.33 | 31.9 | 18.01 | 35.41 | 341 | 25 | A | H |
| | * | 2447 | 104.4 | - | - | 89.56 | 32.2 | 18.08 | 35.44 | 341 | 25 | P | H |
| | * | 2447 | 101.23 | - | - | 86.39 | 32.2 | 18.08 | 35.44 | 341 | 25 | A | H |
| | | 2486.966 | 54.3 | -19.7 | 74 | 39.16 | 32.47 | 18.12 | 35.45 | 341 | 25 | P | H |
| | | 2490.102 | 44.71 | -9.29 | 54 | 29.44 | 32.6 | 18.12 | 35.45 | 341 | 25 | A | H |
| | | 2344.85 | 53.67 | -20.33 | 74 | 39.35 | 31.8 | 17.92 | 35.4 | 100 | 124 | P | V |
| | | 2390 | 43.09 | -10.91 | 54 | 28.6 | 31.9 | 18.01 | 35.42 | 100 | 124 | A | V |
| | * | 2447 | 107.61 | - | - | 92.77 | 32.2 | 18.08 | 35.44 | 100 | 124 | P | V |
| | * | 2447 | 104.54 | - | - | 89.7 | 32.2 | 18.08 | 35.44 | 100 | 124 | A | V |
| | | 2499.02 | 54.84 | -19.16 | 74 | 39.57 | 32.6 | 18.13 | 35.46 | 100 | 124 | P | V |
| | | 2490.004 | 45.07 | -8.93 | 54 | 29.8 | 32.6 | 18.12 | 35.45 | 100 | 124 | A | V |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |

**BLE (Band Edge @ 3m)**

| | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | Preamp | Ant | Table | Peak | Pol. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Factor | Loss | Factor | Pos | Pos | Avg. | |
| Simultaneously | | ( MHz ) | ( dBµV/m ) | ( dB ) | ( dBµV/m ) | (dBµV) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | (P/A) | (H/V) |
| Ant 1 11b Ch08 + Ant 2 BLE(1M) Ch01 | | 2379.36 | 53.05 | -20.95 | 74 | 38.6 | 31.87 | 17.99 | 35.41 | 297 | 229 | P | H |
| | | 2360.66 | 44.91 | -9.09 | 54 | 30.53 | 31.83 | 17.95 | 35.4 | 297 | 229 | A | H |
| | * | 2404 | 99.46 | - | - | 84.84 | 32 | 18.04 | 35.42 | 297 | 229 | P | H |
| | * | 2404 | 98.68 | - | - | 84.06 | 32 | 18.04 | 35.42 | 297 | 229 | A | H |
| | | 2490.69 | 54.67 | -19.33 | 74 | 39.4 | 32.6 | 18.12 | 35.45 | 297 | 229 | P | H |
| | | 2490.004 | 48.08 | -5.92 | 54 | 32.81 | 32.6 | 18.12 | 35.45 | 297 | 229 | A | H |
| | | 2352.67 | 53.99 | -20.01 | 74 | 39.62 | 31.83 | 17.94 | 35.4 | 194 | 46 | P | V |
| | | 2360.49 | 45.18 | -8.82 | 54 | 30.8 | 31.83 | 17.95 | 35.4 | 194 | 46 | A | V |
| | * | 2404 | 98.37 | - | - | 83.75 | 32 | 18.04 | 35.42 | 194 | 46 | P | V |
| | * | 2404 | 97.74 | - | - | 83.12 | 32 | 18.04 | 35.42 | 194 | 46 | A | V |
| | | 2490.592 | 54.97 | -19.03 | 74 | 39.7 | 32.6 | 18.12 | 35.45 | 194 | 46 | P | V |
| | | 2490.004 | 48.96 | -5.04 | 54 | 33.69 | 32.6 | 18.12 | 35.45 | 194 | 46 | A | V |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |

**2.4GHz 2400~2483.5MHz (2361MHz IM3 @ 3m)**

| | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | Preamp | Ant | Table | Peak | Pol. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Factor | Loss | Factor | Pos | Pos | Avg. | |
| Simultaneously | | ( MHz ) | ( dBµV/m ) | ( dB ) | ( dBµV/m ) | (dBµV) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | (P/A) | (H/V) |
| Ant 1 11b Ch08 + Ant 2 BLE(1M) Ch01 | | 2361 | 54.15 | -19.85 | 74 | 39.77 | 31.83 | 17.95 | 35.4 | 310 | 229 | P | H |
| | | 2361 | 47.44 | -6.56 | 54 | 33.06 | 31.83 | 17.95 | 35.4 | 310 | 229 | A | H |
| | | 2361 | 54.56 | -19.44 | 74 | 40.18 | 31.83 | 17.95 | 35.4 | 300 | 199 | P | V |
| | | 2361 | 46.77 | -7.23 | 54 | 32.39 | 31.83 | 17.95 | 35.4 | 300 | 199 | A | V |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |

**2.4GHz 2400~2483.5MHz (2490MHz IM3 @ 3m)**

| | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | Preamp | Ant | Table | Peak | Pol. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Factor | Loss | Factor | Pos | Pos | Avg. | |
| Simultaneously | | ( MHz ) | ( dBµV/m ) | ( dB ) | ( dBµV/m ) | (dBµV) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | (P/A) | (H/V) |
| Ant 1 11b Ch08 + Ant 2 BLE(1M) Ch01 | | 2490 | 56.09 | -17.91 | 74 | 40.82 | 32.6 | 18.12 | 35.45 | 300 | 232 | P | H |
| | | 2490 | 48.69 | -5.31 | 54 | 33.42 | 32.6 | 18.12 | 35.45 | 300 | 232 | A | H |
| | | 2490 | 57.28 | -16.72 | 74 | 42.01 | 32.6 | 18.12 | 35.45 | 100 | 37 | P | V |
| | | 2490 | 50.77 | -3.23 | 54 | 35.5 | 32.6 | 18.12 | 35.45 | 100 | 37 | A | V |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |

**2.4GHz 2400~2483.5MHz (Harmonic @ 3m)**

| | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | Preamp | Ant | Table | Peak | Pol. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Factor | Loss | Factor | Pos | Pos | Avg. | |
| Simultaneously | | ( MHz ) | ( dBµV/m ) | ( dB ) | ( dBµV/m ) | (dBµV) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | (P/A) | (H/V) |
| Ant 1 11b Ch08 + Ant 2 BLE(1M) Ch01 | | 4808 | 38.72 | -35.28 | 74 | 51.82 | 34 | 11.83 | 58.93 | 100 | 0 | P | H |
| | | 4894 | 41.79 | -32.21 | 74 | 54.35 | 34.1 | 12.06 | 58.72 | 100 | 0 | P | H |
| | | 7341 | 40.34 | -33.66 | 74 | 47.74 | 35.6 | 14.5 | 57.5 | 100 | 0 | P | H |
| | | 4808 | 39.67 | -34.33 | 74 | 52.77 | 34 | 11.83 | 58.93 | 100 | 0 | P | V |
| | | 4894 | 42.22 | -31.78 | 74 | 54.78 | 34.1 | 12.06 | 58.72 | 100 | 0 | P | V |
| | | 7341 | 40.53 | -33.47 | 74 | 47.93 | 35.6 | 14.5 | 57.5 | 100 | 0 | P | V |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |

**2.4GHz 2400~2483.5MHz (Band Edge @ 3m)**

| | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | Preamp | Ant | Table | Peak | Pol. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Factor | Loss | Factor | Pos | Pos | Avg. | |
| Simultaneously | | ( MHz ) | ( dBµV/m ) | ( dB ) | ( dBµV/m ) | (dBµV) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | (P/A) | (H/V) |
| Ant 1 11g Ch01 + Ant 2 BLE(1M) Ch25 | | 2390 | 57.42 | -16.58 | 74 | 42.93 | 31.9 | 18.01 | 35.42 | 349 | 24 | P | H |
| | | 2390 | 46.69 | -7.31 | 54 | 32.2 | 31.9 | 18.01 | 35.42 | 349 | 24 | A | H |
| | * | 2412 | 106.87 | - | - | 92.25 | 32 | 18.04 | 35.42 | 349 | 24 | P | H |
| | * | 2412 | 99.46 | - | - | 84.84 | 32 | 18.04 | 35.42 | 349 | 24 | A | H |
| | | 2486.77 | 53.64 | -20.36 | 74 | 38.5 | 32.47 | 18.12 | 35.45 | 349 | 24 | P | H |
| | | 2492.552 | 43.59 | -10.41 | 54 | 28.33 | 32.6 | 18.12 | 35.46 | 349 | 24 | A | H |
| | | 2389.9 | 57.47 | -16.53 | 74 | 42.98 | 31.9 | 18.01 | 35.42 | 114 | 62 | P | V |
| | | 2390 | 48.11 | -5.89 | 54 | 33.62 | 31.9 | 18.01 | 35.42 | 114 | 62 | A | V |
| | * | 2412 | 109 | - | - | 94.38 | 32 | 18.04 | 35.42 | 114 | 62 | P | V |
| | * | 2412 | 102.03 | - | - | 87.41 | 32 | 18.04 | 35.42 | 114 | 62 | A | V |
| | | 2485.104 | 55.44 | -18.56 | 74 | 40.31 | 32.47 | 18.11 | 35.45 | 114 | 62 | P | V |
| | | 2490.788 | 44.14 | -9.86 | 54 | 28.87 | 32.6 | 18.12 | 35.45 | 114 | 62 | A | V |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |

**BLE (Band Edge @ 3m)**

| | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | Preamp | Ant | Table | Peak | Pol. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Factor | Loss | Factor | Pos | Pos | Avg. | |
| Simultaneously | | ( MHz ) | ( dBµV/m ) | ( dB ) | ( dBµV/m ) | (dBµV) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | (P/A) | (H/V) |
| Ant 1 11g Ch01 + Ant 2 BLE(1M) Ch25 | | 2389.9 | 58.73 | -15.27 | 74 | 44.24 | 31.9 | 18.01 | 35.42 | 400 | 247 | P | H |
| | | 2390 | 47.93 | -6.07 | 54 | 33.44 | 31.9 | 18.01 | 35.42 | 400 | 247 | A | H |
| | * | 2452 | 98.28 | - | - | 83.43 | 32.2 | 18.09 | 35.44 | 400 | 247 | P | H |
| | * | 2452 | 97.56 | - | - | 82.71 | 32.2 | 18.09 | 35.44 | 400 | 247 | A | H |
| | | 2490.004 | 53.41 | -20.59 | 74 | 38.14 | 32.6 | 18.12 | 35.45 | 400 | 247 | P | H |
| | | 2494.12 | 45.27 | -8.73 | 54 | 30 | 32.6 | 18.13 | 35.46 | 400 | 247 | A | H |
| | | 2390 | 61.72 | -12.28 | 74 | 47.23 | 31.9 | 18.01 | 35.42 | 139 | 41 | P | V |
| | | 2390 | 50.13 | -3.87 | 54 | 35.64 | 31.9 | 18.01 | 35.42 | 139 | 41 | A | V |
| | * | 2452 | 99.73 | - | - | 84.88 | 32.2 | 18.09 | 35.44 | 139 | 41 | P | V |
| | * | 2452 | 99.11 | - | - | 84.26 | 32.2 | 18.09 | 35.44 | 139 | 41 | A | V |
| | | 2498.432 | 54.66 | -19.34 | 74 | 39.39 | 32.6 | 18.13 | 35.46 | 139 | 41 | P | V |
| | | 2491.67 | 45.98 | -8.02 | 54 | 30.71 | 32.6 | 18.12 | 35.45 | 139 | 41 | A | V |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |

**2.4GHz 2400~2483.5MHz (2372MHz IM3 @ 3m)**

| | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | Preamp | Ant | Table | Peak | Pol. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Factor | Loss | Factor | Pos | Pos | Avg. | |
| Simultaneously | | ( MHz ) | ( dBµV/m ) | ( dB ) | ( dBµV/m ) | (dBµV) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | (P/A) | (H/V) |
| Ant 1 11g Ch01 + Ant 2 BLE(1M) Ch25 | | 2372 | 56.13 | -17.87 | 74 | 41.7 | 31.87 | 17.97 | 35.41 | 369 | 23 | P | H |
| | | 2372 | 47.63 | -6.37 | 54 | 33.2 | 31.87 | 17.97 | 35.41 | 369 | 23 | A | H |
| | | 2372 | 58.51 | -15.49 | 74 | 44.08 | 31.87 | 17.97 | 35.41 | 119 | 288 | P | V |
| | | 2372 | 49.28 | -4.72 | 54 | 34.85 | 31.87 | 17.97 | 35.41 | 119 | 288 | A | V |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |

**2.4GHz 2400~2483.5MHz (2492MHz IM3 @ 3m)**

| | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | Preamp | Ant | Table | Peak | Pol. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Factor | Loss | Factor | Pos | Pos | Avg. | |
| Simultaneously | | ( MHz ) | ( dBµV/m ) | ( dB ) | ( dBµV/m ) | (dBµV) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | (P/A) | (H/V) |
| Ant 1 11g Ch01 + Ant 2 BLE(1M) Ch25 | | 2492 | 57.88 | -16.12 | 74 | 42.62 | 32.6 | 18.12 | 35.46 | 348 | 234 | P | H |
| | | 2492 | 49.75 | -4.25 | 54 | 34.49 | 32.6 | 18.12 | 35.46 | 348 | 234 | A | H |
| | | 2492 | 57.75 | -16.25 | 74 | 42.49 | 32.6 | 18.12 | 35.46 | 100 | 357 | P | V |
| | | 2492 | 48.93 | -5.07 | 54 | 33.67 | 32.6 | 18.12 | 35.46 | 100 | 357 | A | V |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |

**2.4GHz 2400~2483.5MHz (Harmonic @ 3m)**

| | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | Preamp | Ant | Table | Peak | Pol. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Factor | Loss | Factor | Pos | Pos | Avg. | |
| Simultaneously | | ( MHz ) | ( dBµV/m ) | ( dB ) | ( dBµV/m ) | (dBµV) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | (P/A) | (H/V) |
| Ant 1 11g Ch01 + Ant 2 BLE(1M) Ch25 | | 4824 | 39.43 | -34.57 | 74 | 52.4 | 34.05 | 11.87 | 58.89 | 100 | 0 | P | H |
| | | 4904 | 38.89 | -35.11 | 74 | 51.35 | 34.13 | 12.1 | 58.69 | 100 | 0 | P | H |
| | | 7356 | 40.39 | -33.61 | 74 | 47.78 | 35.6 | 14.52 | 57.51 | 100 | 0 | P | H |
| | | 4824 | 42.01 | -31.99 | 74 | 54.98 | 34.05 | 11.87 | 58.89 | 100 | 0 | P | V |
| | | 4904 | 38.84 | -35.16 | 74 | 51.3 | 34.13 | 12.1 | 58.69 | 100 | 0 | P | V |
| | | 7356 | 39.9 | -34.1 | 74 | 47.29 | 35.6 | 14.52 | 57.51 | 100 | 0 | P | V |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |

**2.4GHz 2400~2483.5MHz (Band Edge @ 3m)**

| | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | Preamp | Ant | Table | Peak | Pol. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Factor | Loss | Factor | Pos | Pos | Avg. | |
| Simultaneously | | ( MHz ) | ( dBµV/m ) | ( dB ) | ( dBµV/m ) | (dBµV) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | (P/A) | (H/V) |
| Ant 1 11g Ch08 + Ant 2 BLE(1M) Ch01 | | 2366.27 | 53.29 | -20.71 | 74 | 38.91 | 31.83 | 17.96 | 35.41 | 341 | 19 | P | H |
| | | 2390 | 43.18 | -10.82 | 54 | 28.69 | 31.9 | 18.01 | 35.42 | 341 | 19 | A | H |
| | * | 2447 | 108.01 | - | - | 93.17 | 32.2 | 18.08 | 35.44 | 341 | 19 | P | H |
| | * | 2447 | 100.37 | - | - | 85.53 | 32.2 | 18.08 | 35.44 | 341 | 19 | A | H |
| | | 2487.554 | 55.48 | -18.52 | 74 | 40.21 | 32.6 | 18.12 | 35.45 | 341 | 19 | P | H |
| | | 2483.83 | 44.68 | -9.32 | 54 | 29.55 | 32.47 | 18.11 | 35.45 | 341 | 19 | A | H |
| | | 2389.39 | 54.31 | -19.69 | 74 | 39.81 | 31.9 | 18.01 | 35.41 | 100 | 124 | P | V |
| | | 2390 | 43.84 | -10.16 | 54 | 29.35 | 31.9 | 18.01 | 35.42 | 100 | 124 | A | V |
| | * | 2447 | 110.23 | - | - | 95.39 | 32.2 | 18.08 | 35.44 | 100 | 124 | P | V |
| | * | 2447 | 102.97 | - | - | 88.13 | 32.2 | 18.08 | 35.44 | 100 | 124 | A | V |
| | | 2487.064 | 55.86 | -18.14 | 74 | 40.72 | 32.47 | 18.12 | 35.45 | 100 | 124 | P | V |
| | | 2485.202 | 44.79 | -9.21 | 54 | 29.66 | 32.47 | 18.11 | 35.45 | 100 | 124 | A | V |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |

**BLE (Band Edge @ 3m)**

| | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | Preamp | Ant | Table | Peak | Pol. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Factor | Loss | Factor | Pos | Pos | Avg. | |
| Simultaneously | | ( MHz ) | ( dBµV/m ) | ( dB ) | ( dBµV/m ) | (dBµV) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | (P/A) | (H/V) |
| Ant 1 11g Ch08 + Ant 2 BLE(1M) Ch01 | | 2373.07 | 53.71 | -20.29 | 74 | 39.28 | 31.87 | 17.97 | 35.41 | 296 | 230 | P | H |
| | | 2366.1 | 44.92 | -9.08 | 54 | 30.54 | 31.83 | 17.96 | 35.41 | 296 | 230 | A | H |
| | * | 2404 | 99.64 | - | - | 85.02 | 32 | 18.04 | 35.42 | 296 | 230 | P | H |
| | * | 2404 | 98.95 | - | - | 84.33 | 32 | 18.04 | 35.42 | 296 | 230 | A | H |
| | | 2491.376 | 54.91 | -19.09 | 74 | 39.64 | 32.6 | 18.12 | 35.45 | 296 | 230 | P | H |
| | | 2492.258 | 46.9 | -7.1 | 54 | 31.64 | 32.6 | 18.12 | 35.46 | 296 | 230 | A | H |
| | | 2376.98 | 53.39 | -20.61 | 74 | 38.94 | 31.87 | 17.99 | 35.41 | 198 | 46 | P | V |
| | | 2361.34 | 44.68 | -9.32 | 54 | 30.3 | 31.83 | 17.95 | 35.4 | 198 | 46 | A | V |
| | * | 2404 | 98.36 | - | - | 83.74 | 32 | 18.04 | 35.42 | 198 | 46 | P | V |
| | * | 2404 | 97.69 | - | - | 83.07 | 32 | 18.04 | 35.42 | 198 | 46 | A | V |
| | | 2485.692 | 57.79 | -16.21 | 74 | 42.66 | 32.47 | 18.11 | 35.45 | 198 | 46 | P | V |
| | | 2489.318 | 48.4 | -5.6 | 54 | 33.13 | 32.6 | 18.12 | 35.45 | 198 | 46 | A | V |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |

**2.4GHz 2400~2483.5MHz (2361MHz IM3 @ 3m)**

| | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | Preamp | Ant | Table | Peak | Pol. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Factor | Loss | Factor | Pos | Pos | Avg. | |
| Simultaneously | | ( MHz ) | ( dBµV/m ) | ( dB ) | ( dBµV/m ) | (dBµV) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | (P/A) | (H/V) |
| Ant 1 11g Ch08 + Ant 2 BLE(1M) Ch01 | | 2361 | 56.65 | -17.35 | 74 | 42.27 | 31.83 | 17.95 | 35.4 | 311 | 230 | P | H |
| | | 2361 | 47.33 | -6.67 | 54 | 32.95 | 31.83 | 17.95 | 35.4 | 311 | 230 | A | H |
| | | 2361 | 55.37 | -18.63 | 74 | 40.99 | 31.83 | 17.95 | 35.4 | 105 | 287 | P | V |
| | | 2361 | 46.93 | -7.07 | 54 | 32.55 | 31.83 | 17.95 | 35.4 | 105 | 287 | A | V |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |

**2.4GHz 2400~2483.5MHz (2490MHz IM3 @ 3m)**

| | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | Preamp | Ant | Table | Peak | Pol. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Factor | Loss | Factor | Pos | Pos | Avg. | |
| Simultaneously | | ( MHz ) | ( dBµV/m ) | ( dB ) | ( dBµV/m ) | (dBµV) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | (P/A) | (H/V) |
| Ant 1 11g Ch08 + Ant 2 BLE(1M) Ch01 | | 2490 | 55.83 | -18.17 | 74 | 40.56 | 32.6 | 18.12 | 35.45 | 297 | 319 | P | H |
| | | 2490 | 48.34 | -5.66 | 54 | 33.07 | 32.6 | 18.12 | 35.45 | 297 | 319 | A | H |
| | | 2490 | 59.18 | -14.82 | 74 | 43.91 | 32.6 | 18.12 | 35.45 | 115 | 41 | P | V |
| | | 2490 | 50.63 | -3.37 | 54 | 35.36 | 32.6 | 18.12 | 35.45 | 115 | 41 | A | V |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |

**2.4GHz 2400~2483.5MHz (Harmonic @ 3m)**

| | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | Preamp | Ant | Table | Peak | Pol. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Factor | Loss | Factor | Pos | Pos | Avg. | |
| Simultaneously | | ( MHz ) | ( dBµV/m ) | ( dB ) | ( dBµV/m ) | (dBµV) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | (P/A) | (H/V) |
| Ant 1 11g Ch08 + Ant 2 BLE(1M) Ch01 | | 4808 | 38.8 | -35.2 | 74 | 51.9 | 34 | 11.83 | 58.93 | 100 | 0 | P | H |
| | | 4894 | 39.97 | -34.03 | 74 | 52.53 | 34.1 | 12.06 | 58.72 | 100 | 0 | P | H |
| | | 7341 | 40.7 | -33.3 | 74 | 48.1 | 35.6 | 14.5 | 57.5 | 100 | 0 | P | H |
| | | 4808 | 38.79 | -35.21 | 74 | 51.89 | 34 | 11.83 | 58.93 | 100 | 0 | P | V |
| | | 4894 | 43.42 | -30.58 | 74 | 55.98 | 34.1 | 12.06 | 58.72 | 100 | 0 | P | V |
| | | 7341 | 41.04 | -32.96 | 74 | 48.44 | 35.6 | 14.5 | 57.5 | 100 | 0 | P | V |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |

**2.4GHz 2400~2483.5MHz (Band Edge @ 3m)**

| | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | Preamp | Ant | Table | Peak | Pol. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Factor | Loss | Factor | Pos | Pos | Avg. | |
| Simultaneously | | ( MHz ) | ( dBµV/m ) | ( dB ) | ( dBµV/m ) | (dBµV) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | (P/A) | (H/V) |
| Ant 1 11n HT20 Ch08 + Ant 2 BLE(1M) Ch01 | | 2370.18 | 52.88 | -21.12 | 74 | 38.45 | 31.87 | 17.97 | 35.41 | 345 | 19 | P | H |
| | | 2389.9 | 43.26 | -10.74 | 54 | 28.77 | 31.9 | 18.01 | 35.42 | 345 | 19 | A | H |
| | * | 2447 | 107.18 | - | - | 92.34 | 32.2 | 18.08 | 35.44 | 345 | 19 | P | H |
| | * | 2447 | 100.02 | - | - | 85.18 | 32.2 | 18.08 | 35.44 | 345 | 19 | A | H |
| | | 2484.222 | 56.23 | -17.77 | 74 | 41.1 | 32.47 | 18.11 | 35.45 | 345 | 19 | P | H |
| | | 2483.536 | 44.41 | -9.59 | 54 | 29.28 | 32.47 | 18.11 | 35.45 | 345 | 19 | A | H |
| | | 2385.65 | 54.23 | -19.77 | 74 | 39.74 | 31.9 | 18 | 35.41 | 100 | 124 | P | V |
| | | 2390 | 44 | -10 | 54 | 29.51 | 31.9 | 18.01 | 35.42 | 100 | 124 | A | V |
| | * | 2447 | 109.96 | - | - | 95.12 | 32.2 | 18.08 | 35.44 | 100 | 124 | P | V |
| | * | 2447 | 102.8 | - | - | 87.96 | 32.2 | 18.08 | 35.44 | 100 | 124 | A | V |
| | | 2491.474 | 55.66 | -18.34 | 74 | 40.39 | 32.6 | 18.12 | 35.45 | 100 | 124 | P | V |
| | | 2484.614 | 44.84 | -9.16 | 54 | 29.71 | 32.47 | 18.11 | 35.45 | 100 | 124 | A | V |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |

**BLE (Band Edge @ 3m)**

| | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | Preamp | Ant | Table | Peak | Pol. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Factor | Loss | Factor | Pos | Pos | Avg. | |
| Simultaneously | | ( MHz ) | ( dBµV/m ) | ( dB ) | ( dBµV/m ) | (dBµV) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | (P/A) | (H/V) |
| Ant 1 11n HT20 Ch08 + Ant 2 BLE(1M) Ch01 | | 2338.05 | 54.51 | -19.49 | 74 | 40.2 | 31.8 | 17.9 | 35.39 | 299 | 230 | P | H |
| | | 2362.02 | 45.36 | -8.64 | 54 | 30.98 | 31.83 | 17.95 | 35.4 | 299 | 230 | A | H |
| | * | 2404 | 99.69 | - | - | 85.07 | 32 | 18.04 | 35.42 | 299 | 230 | P | H |
| | * | 2404 | 98.95 | - | - | 84.33 | 32 | 18.04 | 35.42 | 299 | 230 | A | H |
| | | 2490.298 | 56.48 | -17.52 | 74 | 41.21 | 32.6 | 18.12 | 35.45 | 299 | 230 | P | H |
| | | 2490.984 | 46.83 | -7.17 | 54 | 31.56 | 32.6 | 18.12 | 35.45 | 299 | 230 | A | H |
| | | 2321.22 | 53.42 | -20.58 | 74 | 39.17 | 31.77 | 17.87 | 35.39 | 195 | 46 | P | V |
| | | 2389.39 | 44.84 | -9.16 | 54 | 30.34 | 31.9 | 18.01 | 35.41 | 195 | 46 | A | V |
| | * | 2404 | 98.62 | - | - | 84 | 32 | 18.04 | 35.42 | 195 | 46 | P | V |
| | * | 2404 | 97.85 | - | - | 83.23 | 32 | 18.04 | 35.42 | 195 | 46 | A | V |
| | | 2485.79 | 58.24 | -15.76 | 74 | 43.11 | 32.47 | 18.11 | 35.45 | 195 | 46 | P | V |
| | | 2486.672 | 48.39 | -5.61 | 54 | 33.25 | 32.47 | 18.12 | 35.45 | 195 | 46 | A | V |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |

**2.4GHz 2400~2483.5MHz (2361MHz IM3 @ 3m)**

| | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | Preamp | Ant | Table | Peak | Pol. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Factor | Loss | Factor | Pos | Pos | Avg. | |
| Simultaneously | | ( MHz ) | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | (dBμV) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | (P/A) | (H/V) |
| Ant 1 11n HT20 Ch08 + Ant 2 BLE(1M) Ch01 | | 2361 | 54.12 | -19.88 | 74 | 39.74 | 31.83 | 17.95 | 35.4 | 317 | 230 | P | H |
| | | 2361 | 47.12 | -6.88 | 54 | 32.74 | 31.83 | 17.95 | 35.4 | 317 | 230 | A | H |
| | | 2361 | 57.36 | -16.64 | 74 | 42.98 | 31.83 | 17.95 | 35.4 | 109 | 288 | P | V |
| | | 2361 | 47.81 | -6.19 | 54 | 33.43 | 31.83 | 17.95 | 35.4 | 109 | 288 | A | V |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |

**2.4GHz 2400~2483.5MHz (2490MHz IM3 @ 3m)**

| | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | Preamp | Ant | Table | Peak | Pol. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Factor | Loss | Factor | Pos | Pos | Avg. | |
| Simultaneously | | ( MHz ) | ( dBµV/m ) | ( dB ) | ( dBµV/m ) | (dBµV) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | (P/A) | (H/V) |
| Ant 1 11n HT20 Ch08 + Ant 2 BLE(1M) Ch01 | | 2490 | 55.84 | -18.16 | 74 | 40.57 | 32.6 | 18.12 | 35.45 | 300 | 319 | P | H |
| | | 2490 | 48.42 | -5.58 | 54 | 33.15 | 32.6 | 18.12 | 35.45 | 300 | 319 | A | H |
| | | 2490 | 58.9 | -15.1 | 74 | 43.63 | 32.6 | 18.12 | 35.45 | 100 | 36 | P | V |
| | | 2490 | 50.33 | -3.67 | 54 | 35.06 | 32.6 | 18.12 | 35.45 | 100 | 36 | A | V |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |

**2.4GHz 2400~2483.5MHz (Harmonic @ 3m)**

| | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | Preamp | Ant | Table | Peak | Pol. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Factor | Loss | Factor | Pos | Pos | Avg. | |
| Simultaneously | | ( MHz ) | ( dBµV/m ) | ( dB ) | ( dBµV/m ) | (dBµV) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | (P/A) | (H/V) |
| Ant 1 11n HT20 Ch08 + Ant 2 BLE(1M) Ch01 | | 4808 | 39.36 | -34.64 | 74 | 52.46 | 34 | 11.83 | 58.93 | 100 | 0 | P | H |
| | | 4894 | 40.22 | -33.78 | 74 | 52.78 | 34.1 | 12.06 | 58.72 | 100 | 0 | P | H |
| | | 7341 | 41.03 | -32.97 | 74 | 48.43 | 35.6 | 14.5 | 57.5 | 100 | 0 | P | H |
| | | 4808 | 39.36 | -34.64 | 74 | 52.46 | 34 | 11.83 | 58.93 | 100 | 0 | P | V |
| | | 4894 | 41.75 | -32.25 | 74 | 54.31 | 34.1 | 12.06 | 58.72 | 100 | 0 | P | V |
| | | 7341 | 40.86 | -33.14 | 74 | 48.26 | 35.6 | 14.5 | 57.5 | 100 | 0 | P | V |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |

**2.4GHz 2400~2483.5MHz (Band Edge @ 3m)**

| Ant. Simultaneously | Note | Frequency ( MHz ) | Level ( dBμV/m ) | Over Limit ( dB ) | Limit Line ( dBμV/m ) | Read Level (dBμV) | Antenna Factor ( dB/m ) | Path Loss ( dB ) | Preamp Factor ( dB ) | Ant Pos ( cm ) | Table Pos ( deg ) | Peak Avg. (P/A) | Pol. (H/V) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant 1 11n HT20 Ch01 + Ant 2 BLE(2M) Ch39 | | 2390 | 62.43 | -11.57 | 74 | 47.94 | 31.9 | 18.01 | 35.42 | 347 | 21 | P | H |
| | | 2390 | 49.42 | -4.58 | 54 | 34.93 | 31.9 | 18.01 | 35.42 | 347 | 21 | A | H |
| | * | 2412 | 106.99 | - | - | 92.37 | 32 | 18.04 | 35.42 | 347 | 21 | P | H |
| | * | 2412 | 99.32 | - | - | 84.7 | 32 | 18.04 | 35.42 | 347 | 21 | A | H |
| | | 2489.122 | 54.15 | -19.85 | 74 | 38.88 | 32.6 | 18.12 | 35.45 | 347 | 21 | P | H |
| | | 2492.356 | 43.75 | -10.25 | 54 | 28.49 | 32.6 | 18.12 | 35.46 | 347 | 21 | A | H |
| | | 2389.9 | 64.54 | -9.46 | 74 | 50.05 | 31.9 | 18.01 | 35.42 | 112 | 66 | P | V |
| | | 2390 | 50.95 | -3.05 | 54 | 36.46 | 31.9 | 18.01 | 35.42 | 112 | 66 | A | V |
| | * | 2412 | 109.7 | - | - | 95.08 | 32 | 18.04 | 35.42 | 112 | 66 | P | V |
| | * | 2412 | 102.16 | - | - | 87.54 | 32 | 18.04 | 35.42 | 112 | 66 | A | V |
| | | 2484.124 | 54.81 | -19.19 | 74 | 39.68 | 32.47 | 18.11 | 35.45 | 112 | 66 | P | V |
| | | 2483.536 | 45.05 | -8.95 | 54 | 29.92 | 32.47 | 18.11 | 35.45 | 112 | 66 | A | V |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |

**BLE (Band Edge @ 3m)**

| | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | Preamp | Ant | Table | Peak | Pol. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Factor | Loss | Factor | Pos | Pos | Avg. | |
| Simultaneously | | ( MHz ) | ( dBµV/m ) | ( dB ) | ( dBµV/m ) | (dBµV) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | (P/A) | (H/V) |
| Ant 1 11n HT20 Ch01 + Ant 2 BLE(2M) Ch39 | | 2390 | 59.54 | -14.46 | 74 | 45.05 | 31.9 | 18.01 | 35.42 | 287 | 240 | P | H |
| | | 2390 | 47.05 | -6.95 | 54 | 32.56 | 31.9 | 18.01 | 35.42 | 287 | 240 | A | H |
| | * | 2480 | 98.21 | - | - | 83.07 | 32.47 | 18.12 | 35.45 | 287 | 240 | P | H |
| | * | 2480 | 96.48 | - | - | 81.34 | 32.47 | 18.12 | 35.45 | 287 | 240 | A | H |
| | | 2490.496 | 54.05 | -19.95 | 74 | 38.78 | 32.6 | 18.12 | 35.45 | 287 | 240 | P | H |
| | | 2483.632 | 45.13 | -8.87 | 54 | 30 | 32.47 | 18.11 | 35.45 | 287 | 240 | A | H |
| | | 2366.78 | 53.46 | -20.54 | 74 | 39.08 | 31.83 | 17.96 | 35.41 | 299 | 349 | P | V |
| | | 2390 | 45.29 | -8.71 | 54 | 30.8 | 31.9 | 18.01 | 35.42 | 299 | 349 | A | V |
| | * | 2480 | 98 | - | - | 82.86 | 32.47 | 18.12 | 35.45 | 299 | 349 | P | V |
| | * | 2480 | 96.32 | - | - | 81.18 | 32.47 | 18.12 | 35.45 | 299 | 349 | A | V |
| | | 2484.072 | 55.34 | -18.66 | 74 | 40.21 | 32.47 | 18.11 | 35.45 | 299 | 349 | P | V |
| | | 2484.072 | 45.53 | -8.47 | 54 | 30.4 | 32.47 | 18.11 | 35.45 | 299 | 349 | A | V |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |

**2.4GHz 2400~2483.5MHz (2344MHz IM3 @ 3m)**

| | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | Preamp | Ant | Table | Peak | Pol. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Factor | Loss | Factor | Pos | Pos | Avg. | |
| Simultaneously | | ( MHz ) | ( dBµV/m ) | ( dB ) | ( dBµV/m ) | (dBµV) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | (P/A) | (H/V) |
| Ant 1 11n HT20 Ch01 + Ant 2 BLE(2M) Ch39 | | 2344 | 54.15 | -19.85 | 74 | 39.83 | 31.8 | 17.92 | 35.4 | 325 | 46 | P | H |
| | | 2344 | 45.82 | -8.18 | 54 | 31.5 | 31.8 | 17.92 | 35.4 | 325 | 46 | A | H |
| | | 2344 | 55.11 | -18.89 | 74 | 40.79 | 31.8 | 17.92 | 35.4 | 100 | 82 | P | V |
| | | 2344 | 46.36 | -7.64 | 54 | 32.04 | 31.8 | 17.92 | 35.4 | 100 | 82 | A | V |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |

**2.4GHz 2400~2483.5MHz (Harmonic @ 3m)**

| | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | Preamp | Ant | Table | Peak | Pol. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Factor | Loss | Factor | Pos | Pos | Avg. | |
| Simultaneously | | ( MHz ) | ( dBµV/m ) | ( dB ) | ( dBµV/m ) | (dBµV) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | (P/A) | (H/V) |
| Ant 1 11n HT20 Ch01 + Ant 2 BLE 2M Ch39 | | 4824 | 39.12 | -34.88 | 74 | 52.09 | 34.05 | 11.87 | 58.89 | 100 | 0 | P | H |
| | | 4960 | 38.26 | -35.74 | 74 | 50.37 | 34.2 | 12.24 | 58.55 | 100 | 0 | P | H |
| | | 7440 | 40 | -34 | 74 | 47.37 | 35.6 | 14.62 | 57.59 | 100 | 0 | P | H |
| | | 4824 | 40.45 | -33.55 | 74 | 53.42 | 34.05 | 11.87 | 58.89 | 100 | 0 | P | V |
| | | 4960 | 39.43 | -34.57 | 74 | 51.54 | 34.2 | 12.24 | 58.55 | 100 | 0 | P | V |
| | | 7440 | 40.25 | -33.75 | 74 | 47.62 | 35.6 | 14.62 | 57.59 | 100 | 0 | P | V |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |

**Emission above 18GHz**

**2.4GHz 2400~2483.5MHz (SHF)**

| | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | Preamp | Ant | Table | Peak | Pol. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Factor | Loss | Factor | Pos | Pos | Avg. | |
| Simultaneously | | ( MHz ) | ( dBµV/m ) | ( dB ) | ( dBµV/m ) | (dBµV) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | (P/A) | (H/V) |
| Ant 1 11b Ch11 + Ant 2 BLE(1M) Ch11 | | 24594 | 36.11 | -37.89 | 74 | 43.55 | 38.97 | 6.8 | 53.21 | 150 | 0 | P | H |
| | | 24496 | 36.7 | -37.3 | 74 | 44.15 | 39.1 | 6.75 | 53.3 | 150 | 0 | P | V |
| Remark | 1. No other spurious found.<br>2. All results are PASS against limit line. | | | | | | | | | | | | |

**Emission below 1GHz**

**2.4GHz 2400~2483.5MHz (LF)**

| Ant. Simultaneously | Note | Frequency ( MHz ) | Level ( dBµV/m ) | Over Limit ( dB ) | Limit Line ( dBµV/m ) | Read Level (dBµV) | Antenna Factor ( dB/m ) | Path Loss ( dB ) | Preamp Factor ( dB ) | Ant Pos ( cm ) | Table Pos ( deg ) | Peak Avg. (P/A) | Pol. (H/V) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant 1 11b Ch11 + Ant 2 BLE(1M) Ch11 | | 30.27 | 22.81 | -17.19 | 40 | 27.57 | 24.32 | 0.93 | 30.01 | - | - | P | H |
| | | 68.07 | 23.1 | -16.9 | 40 | 39.64 | 12.06 | 1.38 | 29.98 | - | - | P | H |
| | | 176.88 | 28.1 | -15.4 | 43.5 | 40.66 | 15.15 | 2.23 | 29.94 | - | - | P | H |
| | | 868.4 | 31.36 | -14.64 | 46 | 26.59 | 28.89 | 5.02 | 29.14 | - | - | P | H |
| | | 906.9 | 32.11 | -13.89 | 46 | 27.07 | 28.85 | 5.14 | 28.95 | - | - | P | H |
| | | 951 | 33.29 | -12.71 | 46 | 26.46 | 30.26 | 5.26 | 28.69 | 100 | 0 | P | H |
| | | 30 | 32.17 | -7.83 | 40 | 36.93 | 24.32 | 0.93 | 30.01 | - | - | P | V |
| | | 68.07 | 27.08 | -12.92 | 40 | 43.62 | 12.06 | 1.38 | 29.98 | - | - | P | V |
| | | 79.95 | 33.99 | -6.01 | 40 | 49.25 | 13.22 | 1.5 | 29.98 | 100 | 0 | P | V |
| | | 867 | 31.92 | -14.08 | 46 | 27.17 | 28.88 | 5.01 | 29.14 | - | - | P | V |
| | | 912.5 | 32.55 | -13.45 | 46 | 27.47 | 28.85 | 5.15 | 28.92 | - | - | P | V |
| | | 957.3 | 31.93 | -14.07 | 46 | 24.84 | 30.47 | 5.28 | 28.66 | - | - | P | V |
| **Remark** | 1. No other spurious found.<br>2. All results are PASS against limit line. | | | | | | | | | | | | |

**Note symbol**

| | |
|---|---|
| * | **Fundamental Frequency** which can be ignored. However, the level of any unwanted emissions shall not exceed the level of the fundamental frequency. |
| ! | Test result is **over limit** line. |
| P/A | **P**eak or **A**verage |
| H/V | **H**orizontal or **V**ertical |

**A calculation example for radiated spurious emission is shown as below:**

| Ant. | Note | Frequency | Level | Over Limit | Limit Line | Read Level | Antenna Factor | Path Loss | Preamp Factor | Ant Pos | Table Pos | Peak Avg. | Pol. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Simultaneously | | ( MHz ) | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | ( dBμV ) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | (P/A) | (H/V) |
| 802.11b CH 01 2412MHz | | 2390 | 55.45 | -18.55 | 74 | 54.51 | 32.22 | 4.58 | 35.86 | 103 | 308 | P | H |
| | | 2390 | 43.54 | -10.46 | 54 | 42.6 | 32.22 | 4.58 | 35.86 | 103 | 308 | A | H |

1. Path Loss(dB) = Cable loss(dB) + Filter loss(dB) + Attenuator loss(dB)
2. Level(dBμV/m) = Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
3. Over Limit(dB) = Level(dBμV/m) – Limit Line(dBμV/m)

**For Peak Limit @ 2390MHz:**

1. Level(dBμV/m)

= Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)

= 32.22(dB/m) + 4.58(dB) + 54.51(dBμV) – 35.86 (dB)

= 55.45 (dBμV/m)

2. Over Limit(dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 55.45(dBμV/m) – 74(dBμV/m)

= -18.55(dB)

**For Average Limit @ 2390MHz:**

1. Level(dBμV/m)

= Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)

= 32.22(dB/m) + 4.58(dB) + 42.6(dBμV) – 35.86 (dB)

= 43.54 (dBμV/m)

2. Over Limit(dB) = Level(dBμV/m) – Limit Line(dBμV/m)

= 43.54(dBμV/m) – 54(dBμV/m)

= -10.46(dB)

**Both peak and average measured complies with the limit line, so test result is "PASS".**

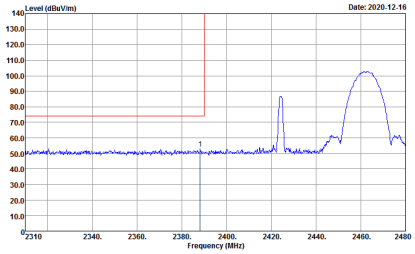
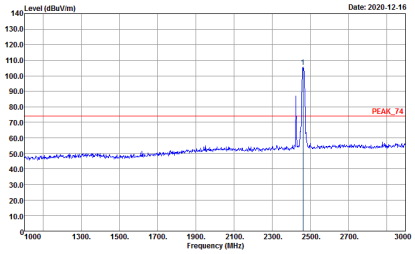
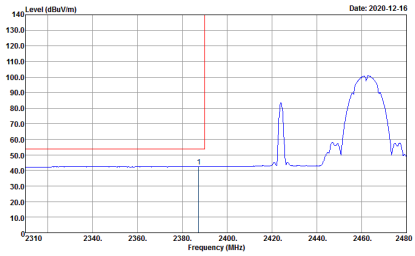
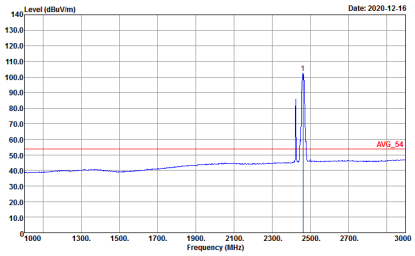
# Appendix B. Radiated Spurious Emission Plots

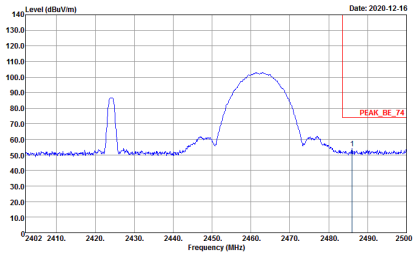
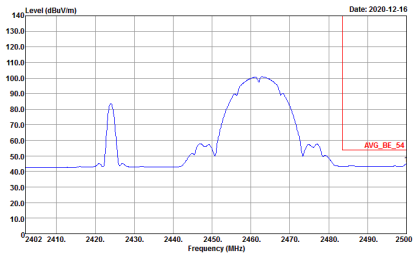
| | | | |
|---|---|---|---|
| **Test Engineer :** | Jesse Wang, Stan Hsieh, Ken Wu | **Temperature :** | 21~24°C |
| | | **Relative Humidity :** | 55~65% |

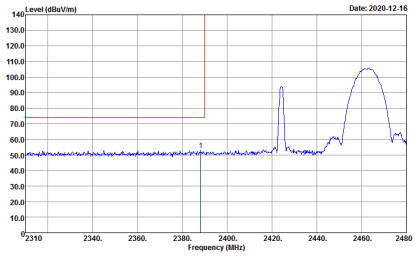
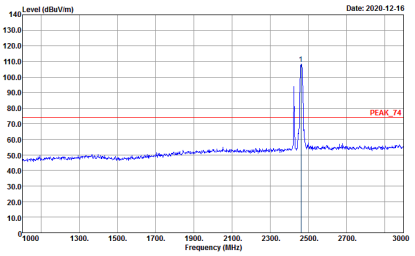
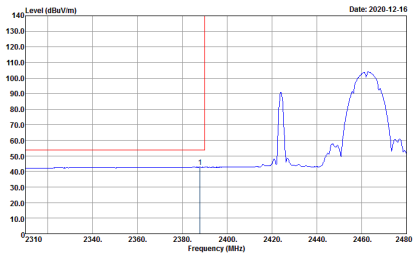
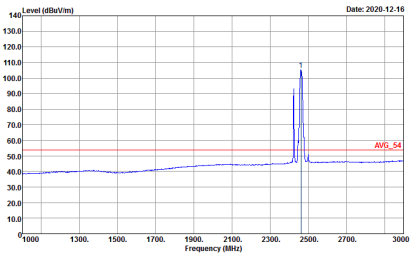
**Note symbol**

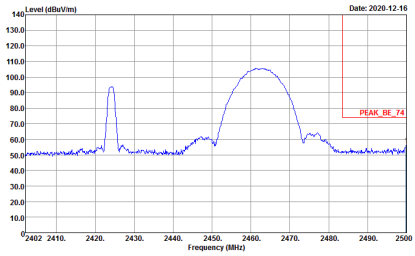
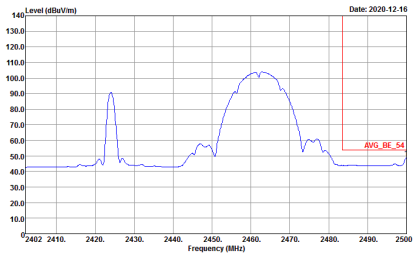
| | |
|---|---|
| -L | **Low channel location** |
| -R | **High channel location** |

## 2.4GHz 2400~2483.5MHz (Band Edge @ 3m)

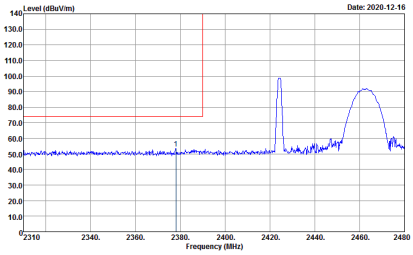
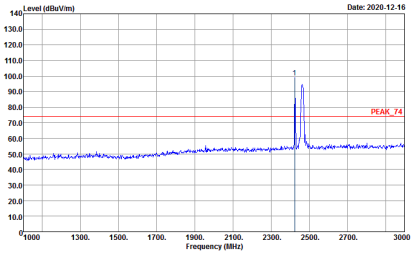
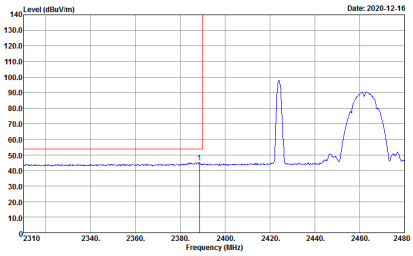
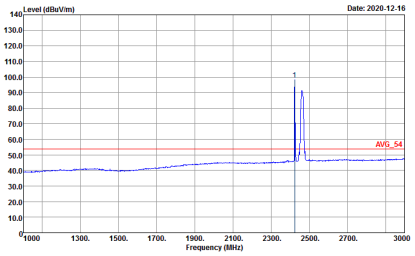
| ANT | Ant 1 11b Ch11 + Ant 2 BLE(1M) Ch11 - L | |
|---|---|---|
| Simultaneously | Horizontal | Fundamental |
| Peak |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 1<br>: ANT 1_11b_Tx_Ch11<br>: ANT 2_BLE(1M)_Tx_Ch11 |  <br>Site : 03CH07-HY<br>Condition : PEAK_74 3m HF_ANT_00075962 HORIZONTAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 1<br>: ANT 1_11b_Tx_Ch11<br>: ANT 2_BLE(1M)_Tx_Ch11 |
| Avg. |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL<br>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 1<br>: ANT 1_11b_Tx_Ch11<br>: ANT 2_BLE(1M)_Tx_Ch11 |  <br>Site : 03CH07-HY<br>Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL<br>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 1<br>: ANT 1_11b_Tx_Ch11<br>: ANT 2_BLE(1M)_Tx_Ch11 |

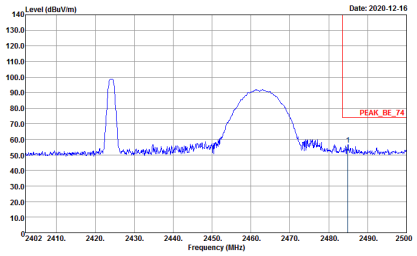
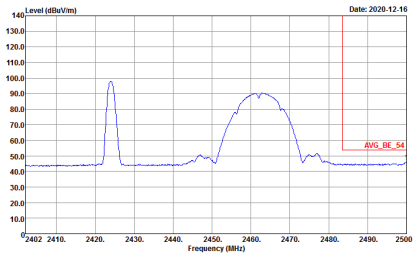
| ANT | Ant 1 11b Ch11 + Ant 2 BLE(1M) Ch11 - R | |
|---|---|---|
| **Simultaneously** | **Horizontal** | **Fundamental** |
| **Peak** |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 1<br>: ANT 1_11b_Tx_Ch11<br>: ANT 2_BLE(1M)_Tx_Ch11 | Left blank |
| **Avg.** |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL<br>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 1<br>: ANT 1_11b_Tx_Ch11<br>: ANT 2_BLE(1M)_Tx_Ch11 | Left blank |

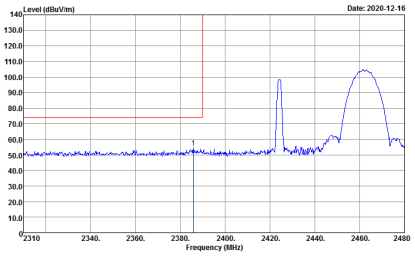
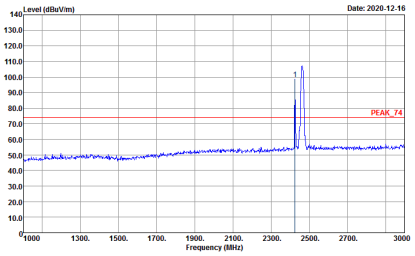
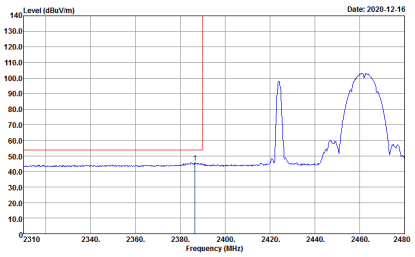
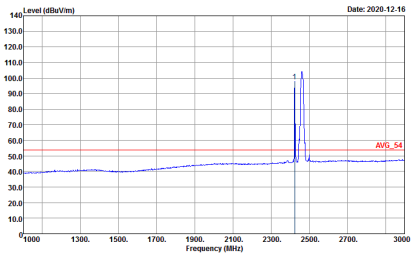
| ANT | Ant 1 11b Ch11 + Ant 2 BLE(1M) Ch11 - L | |
|---|---|---|
| **Simultaneously** | **Vertical** | **Fundamental** |
| **Peak** |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 1<br>: ANT 1_11b_Tx_Ch11<br>: ANT 2_BLE(1M)_Tx_Ch11 |  <br>Site : 03CH07-HY<br>Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 1<br>: ANT 1_11b_Tx_Ch11<br>: ANT 2_BLE(1M)_Tx_Ch11 |
| **Avg.** |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 1<br>: ANT 1_11b_Tx_Ch11<br>: ANT 2_BLE(1M)_Tx_Ch11 |  <br>Site : 03CH07-HY<br>Condition : AVG_54 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 1<br>: ANT 1_11b_Tx_Ch11<br>: ANT 2_BLE(1M)_Tx_Ch11 |

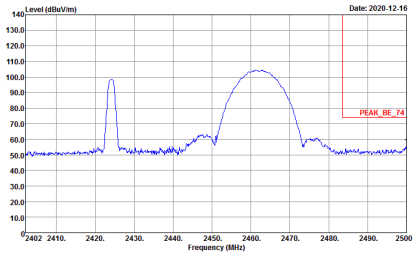
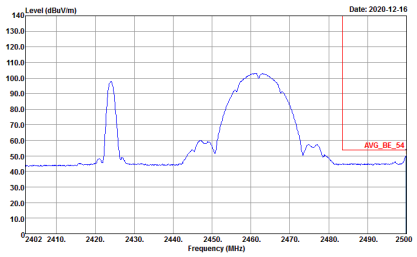
| ANT | Ant 1 11b Ch11 + Ant 2 BLE(1M) Ch11 - R | |
|---|---|---|
| **Simultaneously** | **Vertical** | **Fundamental** |
| **Peak** |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 1<br>: ANT 1_11b_Tx_Ch11<br>: ANT 2_BLE(1M)_Tx_Ch11 | Left blank |
| **Avg.** |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 1<br>: ANT 1_11b_Tx_Ch11<br>: ANT 2_BLE(1M)_Tx_Ch11 | Left blank |

## BLE (Band Edge @ 3m)

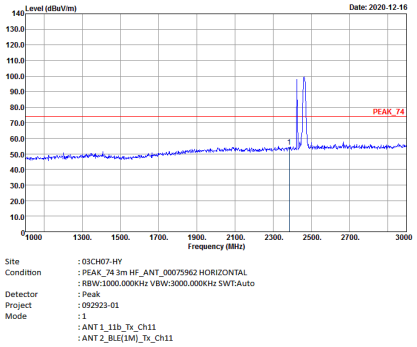
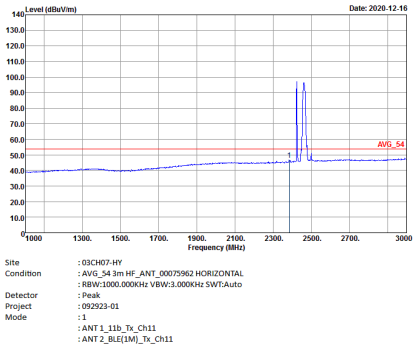
| ANT | Ant 1 11b Ch11 + Ant 2 BLE(1M) Ch11 - L | |
|---|---|---|
| Simultaneously | Horizontal | Fundamental |
| Peak |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 1<br>: ANT 1_11b_Tx_Ch11<br>: ANT 2_BLE(1M)_Tx_Ch11 |  <br>Site : 03CH07-HY<br>Condition : PEAK_74 3m HF_ANT_00075962 HORIZONTAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 1<br>: ANT 1_11b_Tx_Ch11<br>: ANT 2_BLE(1M)_Tx_Ch11 |
| Avg. |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL<br>: RBW:1000.000KHz VBW:3.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 1<br>: ANT 1_11b_Tx_Ch11<br>: ANT 2_BLE(1M)_Tx_Ch11 |  <br>Site : 03CH07-HY<br>Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL<br>: RBW:1000.000KHz VBW:3.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 1<br>: ANT 1_11b_Tx_Ch11<br>: ANT 2_BLE(1M)_Tx_Ch11 |

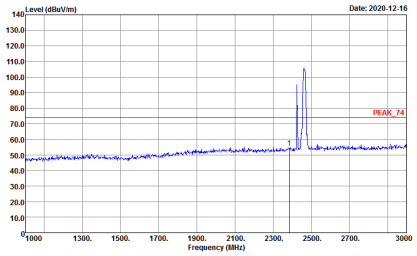
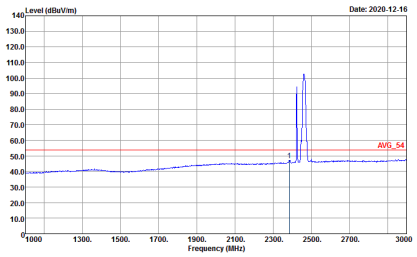
| ANT | Ant 1 11b Ch11 + Ant 2 BLE(1M) Ch11 - R | |
|---|---|---|
| **Simultaneously** | **Horizontal** | **Fundamental** |
| **Peak** |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 1<br>: ANT 1_11b_Tx_Ch11<br>: ANT 2_BLE(1M)_Tx_Ch11 | Left blank |
| **Avg.** |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL<br>: RBW:1000.000KHz VBW:3.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 1<br>: ANT 1_11b_Tx_Ch11<br>: ANT 2_BLE(1M)_Tx_Ch11 | Left blank |

| ANT | Ant 1 11b Ch11 + Ant 2 BLE(1M) Ch11 - L | |
|---|---|---|
| **Simultaneously** | **Vertical** | **Fundamental** |
| **Peak** |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 1<br>: ANT 1_11b_Tx_Ch11<br>: ANT 2_BLE(1M)_Tx_Ch11 |  <br>Site : 03CH07-HY<br>Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 1<br>: ANT 1_11b_Tx_Ch11<br>: ANT 2_BLE(1M)_Tx_Ch11 |
| **Avg.** |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:3.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 1<br>: ANT 1_11b_Tx_Ch11<br>: ANT 2_BLE(1M)_Tx_Ch11 |  <br>Site : 03CH07-HY<br>Condition : AVG_54 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:3.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 1<br>: ANT 1_11b_Tx_Ch11<br>: ANT 2_BLE(1M)_Tx_Ch11 |

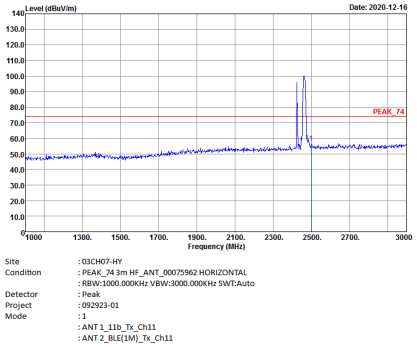
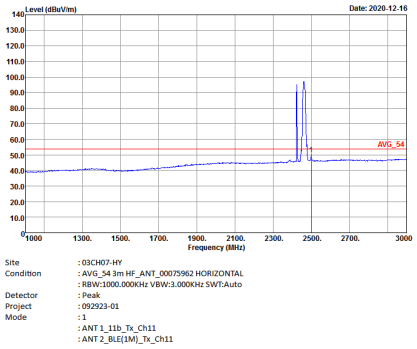
| ANT | Ant 1 11b Ch11 + Ant 2 BLE(1M) Ch11 - R | |
|---|---|---|
| **Simultaneously** | **Vertical** | **Fundamental** |
| **Peak** |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 1<br>: ANT 1_11b_Tx_Ch11<br>: ANT 2_BLE(1M)_Tx_Ch11 | Left blank |
| **Avg.** |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:3.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 1<br>: ANT 1_11b_Tx_Ch11<br>: ANT 2_BLE(1M)_Tx_Ch11 | Left blank |

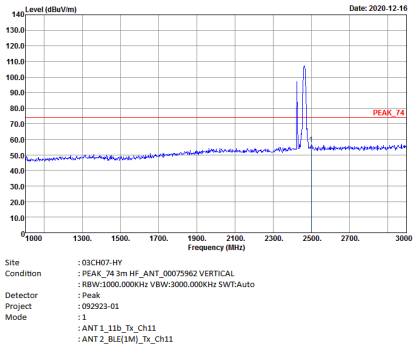
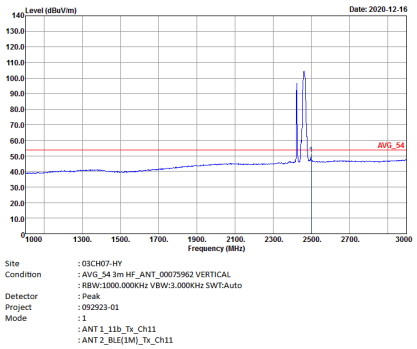
## 2.4GHz 2400~2483.5MHz (2386MHz IM3 @ 3m)

| ANT | Ant 1 11b Ch11 + Ant 2 BLE(1M) Ch11 | |
|---|---|---|
| **Simultaneously** | **Horizontal** | **Fundamental** |
| **Peak** |  <br>Site : 03CH07-HY<br>Condition : PEAK_74 3m HF_ANT_00075962 HORIZONTAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 1<br>: ANT 1_11b_Tx_Ch11<br>: ANT 2_BLE(1M)_Tx_Ch11 | Left blank |
| **Avg.** |  <br>Site : 03CH07-HY<br>Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL<br>: RBW:1000.000KHz VBW:3.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 1<br>: ANT 1_11b_Tx_Ch11<br>: ANT 2_BLE(1M)_Tx_Ch11 | Left blank |

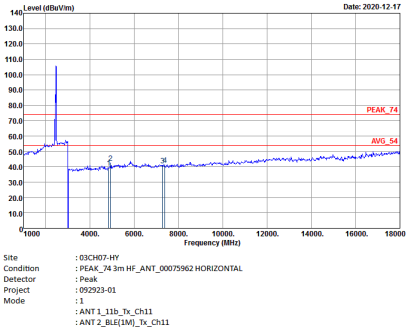
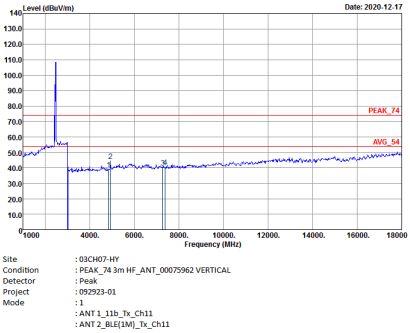
| ANT | Ant 1 11b Ch11 + Ant 2 BLE(1M) Ch11 | |
|---|---|---|
| **Simultaneously** | **Vertical** | **Fundamental** |
| **Peak** |  <br>Site : 03CH07-HY<br>Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 1<br>: ANT 1_11b_Tx_Ch11<br>: ANT 2_BLE(1M)_Tx_Ch11 | Left blank |
| **Avg.** |  <br>Site : 03CH07-HY<br>Condition : AVG_54 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:3.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 1<br>: ANT 1_11b_Tx_Ch11<br>: ANT 2_BLE(1M)_Tx_Ch11 | Left blank |

## 2.4GHz 2400~2483.5MHz (2500MHz IM3 @ 3m)

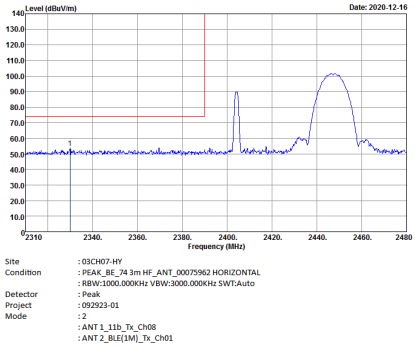
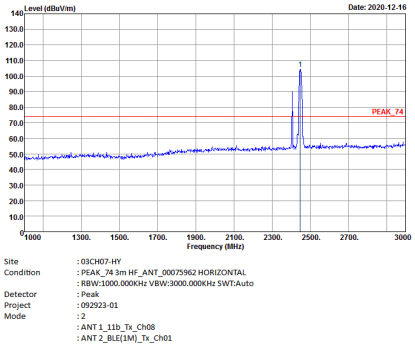
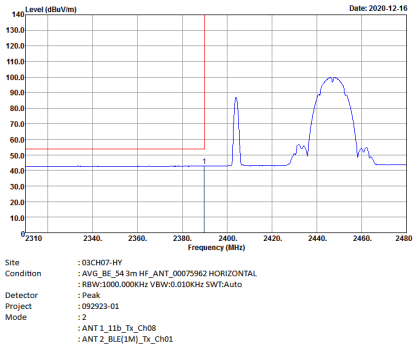
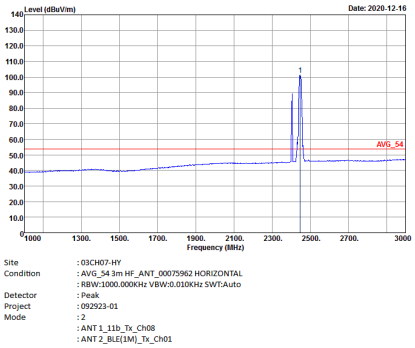
| ANT | Ant 1 11b Ch11 + Ant 2 BLE(1M) Ch11 | |
|---|---|---|
| **Simultaneously** | **Horizontal** | **Fundamental** |
| **Peak** |  | Left blank |
| **Avg.** |  | Left blank |

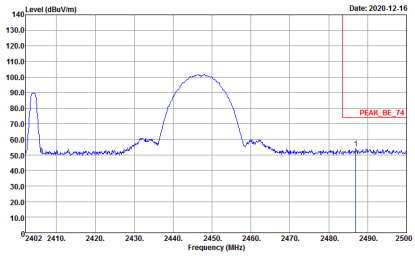
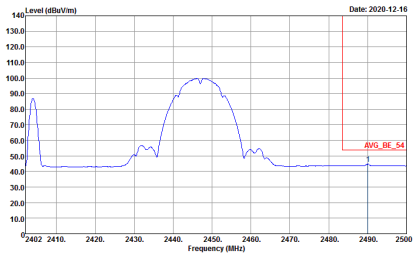
| ANT | Ant 1 11b Ch11 + Ant 2 BLE(1M) Ch11 | |
|---|---|---|
| **Simultaneously** | **Vertical** | **Fundamental** |
| **Peak** |  <br>Site : 03CH07-HY<br>Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 1<br>: ANT 1_11b_Tx_Ch11<br>: ANT 2_BLE(1M)_Tx_Ch11 | Left blank |
| **Avg.** |  <br>Site : 03CH07-HY<br>Condition : AVG_54 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:3.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 1<br>: ANT 1_11b_Tx_Ch11<br>: ANT 2_BLE(1M)_Tx_Ch11 | Left blank |

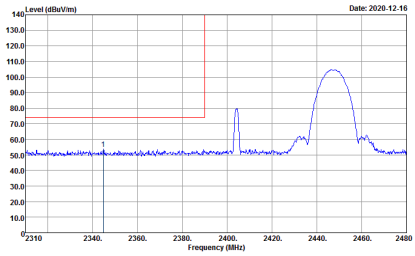
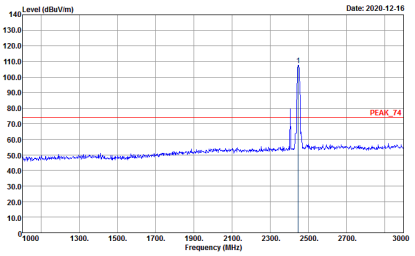
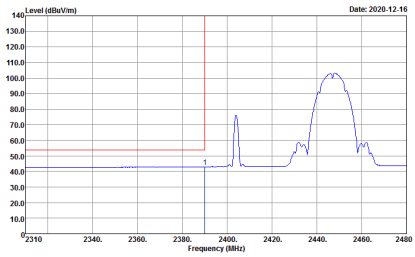
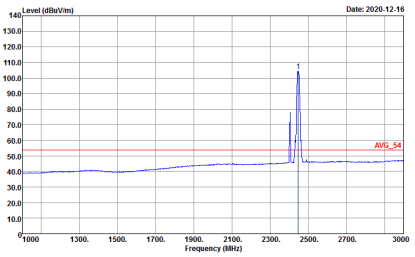
## 2.4GHz 2400~2483.5MHz (Harmonic @ 3m)

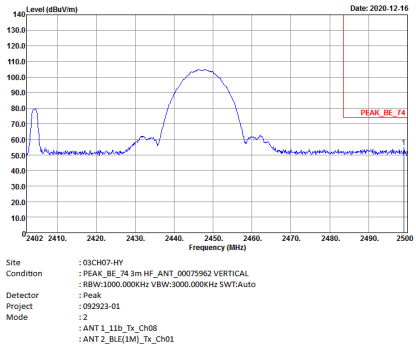
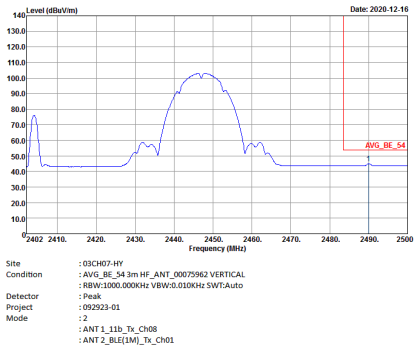
| ANT | Ant 1 11b Ch11 + Ant 2 BLE(1M) Ch11 | |
|---|---|---|
| Simultaneously | Horizontal | Vertical |
| Peak<br>Avg. |  |  |

## 2.4GHz 2400~2483.5MHz (Band Edge @ 3m)

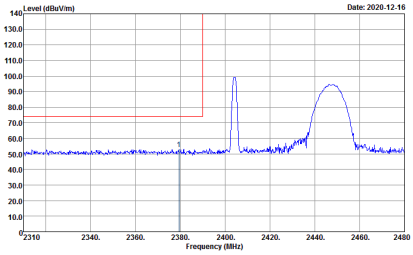
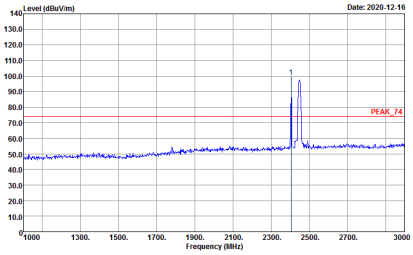
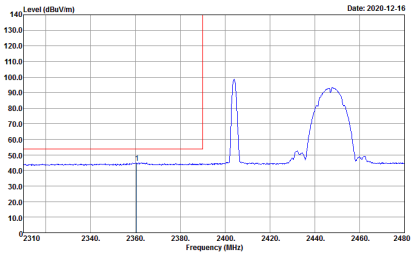
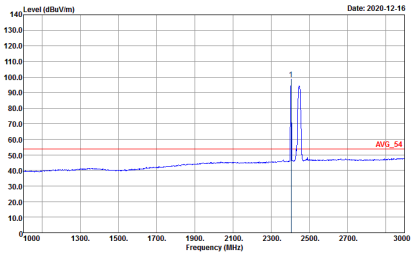
| ANT | Ant 1 11b Ch08 + Ant 2 BLE(1M) Ch01 - L | |
|---|---|---|
| Simultaneously | Horizontal | Fundamental |
| Peak |  |  |
| Avg. |  |  |

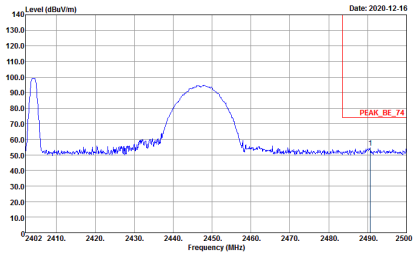
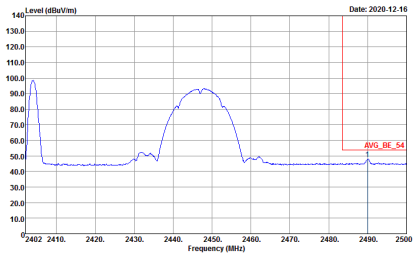
| ANT | Ant 1 11b Ch08 + Ant 2 BLE(1M) Ch01 - R | |
|---|---|---|
| **Simultaneously** | **Horizontal** | **Fundamental** |
| **Peak** |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 2<br>: ANT 1_11b_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 | Left blank |
| **Avg.** |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL<br>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 2<br>: ANT 1_11b_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 | Left blank |

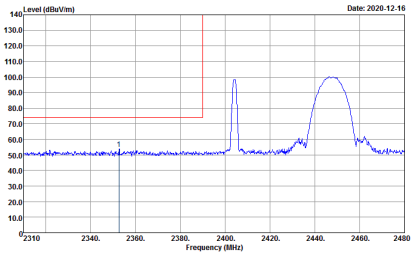
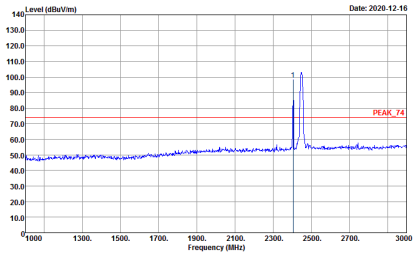
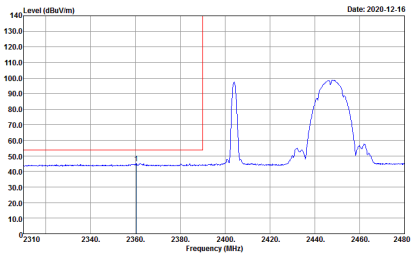
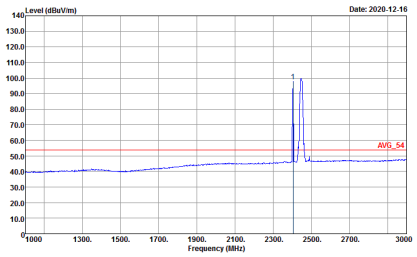
| ANT | Ant 1 11b Ch08 + Ant 2 BLE(1M) Ch01 - L | |
|---|---|---|
| **Simultaneously** | **Vertical** | **Fundamental** |
| **Peak** |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 2<br>: ANT 1_11b_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 |  <br>Site : 03CH07-HY<br>Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 2<br>: ANT 1_11b_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 |
| **Avg.** |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 2<br>: ANT 1_11b_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 |  <br>Site : 03CH07-HY<br>Condition : AVG_54 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 2<br>: ANT 1_11b_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 |

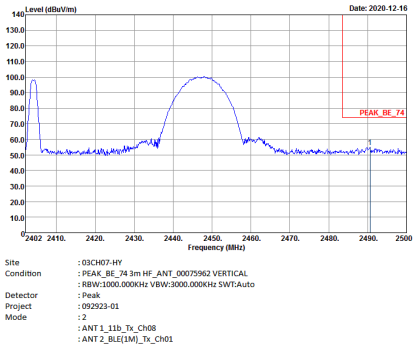
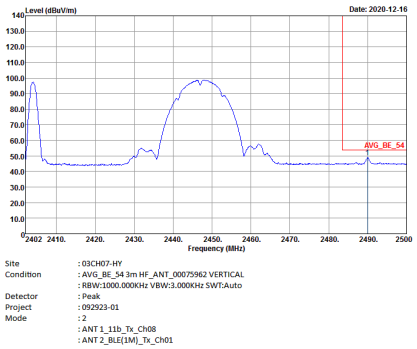
| ANT | Ant 1 11b Ch08 + Ant 2 BLE(1M) Ch01 - R | |
|---|---|---|
| **Simultaneously** | **Vertical** | **Fundamental** |
| **Peak** |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 2<br>: ANT 1_11b_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 | Left blank |
| **Avg.** |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 2<br>: ANT 1_11b_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 | Left blank |

## BLE (Band Edge @ 3m)

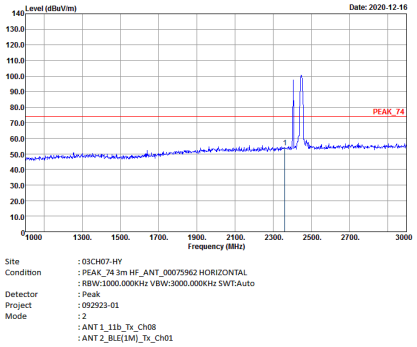
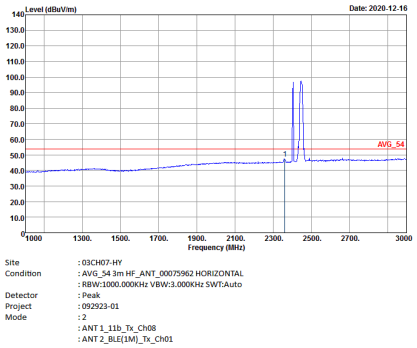
| ANT | Ant 1 11b Ch08 + Ant 2 BLE(1M) Ch01 - L | |
|---|---|---|
| Simultaneously | Horizontal | Fundamental |
| Peak |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 2<br>: ANT 1_11b_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 |  <br>Site : 03CH07-HY<br>Condition : PEAK_74 3m HF_ANT_00075962 HORIZONTAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 2<br>: ANT 1_11b_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 |
| Avg. |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL<br>: RBW:1000.000KHz VBW:3.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 2<br>: ANT 1_11b_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 |  <br>Site : 03CH07-HY<br>Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL<br>: RBW:1000.000KHz VBW:3.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 2<br>: ANT 1_11b_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 |

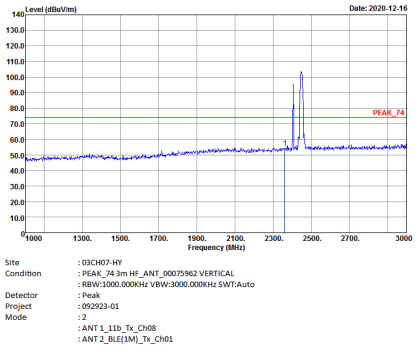
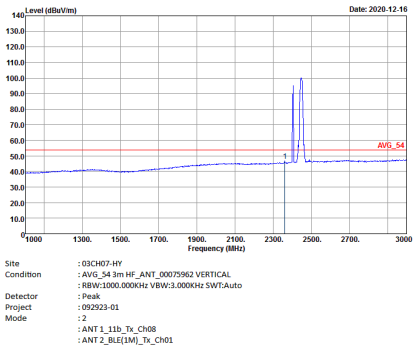
| ANT | Ant 1 11b Ch08 + Ant 2 BLE(1M) Ch01 - R | |
|---|---|---|
| **Simultaneously** | **Horizontal** | **Fundamental** |
| **Peak** |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 2<br>: ANT 1_11b_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 | Left blank |
| **Avg.** |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL<br>: RBW:1000.000KHz VBW:3.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 2<br>: ANT 1_11b_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 | Left blank |

| ANT | Ant 1 11b Ch08 + Ant 2 BLE(1M) Ch01 - L | |
|---|---|---|
| **Simultaneously** | **Vertical** | **Fundamental** |
| **Peak** |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 2<br>: ANT 1_11b_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 |  <br>Site : 03CH07-HY<br>Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 2<br>: ANT 1_11b_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 |
| **Avg.** |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:3.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 2<br>: ANT 1_11b_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 |  <br>Site : 03CH07-HY<br>Condition : AVG_54 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:3.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 2<br>: ANT 1_11b_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 |

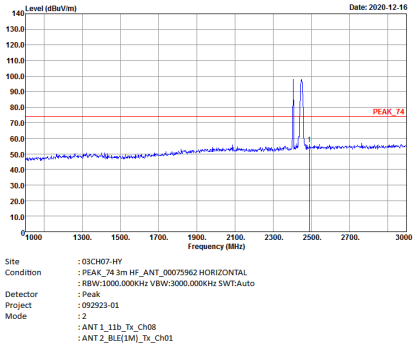
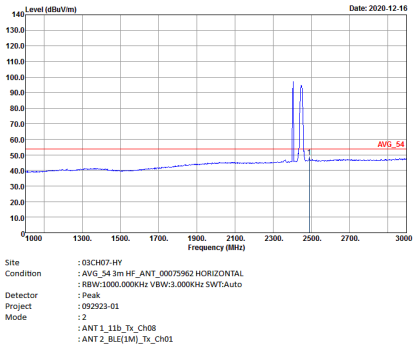
| ANT | Ant 1 11b Ch08 + Ant 2 BLE(1M) Ch01 - R | |
|---|---|---|
| **Simultaneously** | **Vertical** | **Fundamental** |
| **Peak** |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 2<br>: ANT 1_11b_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 | Left blank |
| **Avg.** |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:3.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 2<br>: ANT 1_11b_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 | Left blank |

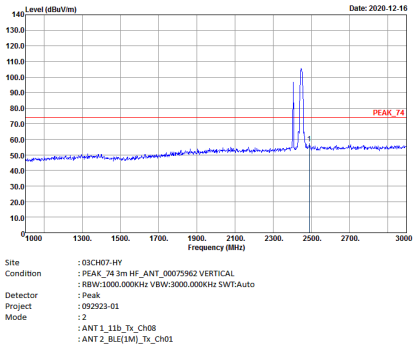
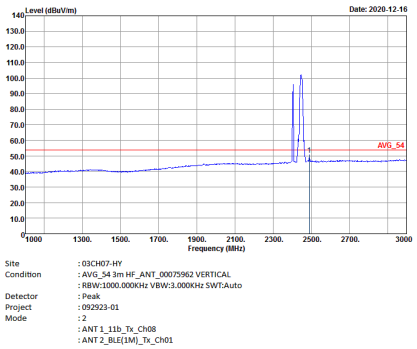
## 2.4GHz 2400~2483.5MHz (2361MHz IM3 @ 3m)

| ANT | Ant 1 11b Ch08 + Ant 2 BLE(1M) Ch01 | |
|---|---|---|
| **Simultaneously** | **Horizontal** | **Fundamental** |
| **Peak** |  <br>Site : 03CH07-HY<br>Condition : PEAK_74 3m HF_ANT_00075962 HORIZONTAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 2<br>: ANT 1_11b_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 | Left blank |
| **Avg.** |  <br>Site : 03CH07-HY<br>Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL<br>: RBW:1000.000KHz VBW:3.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 2<br>: ANT 1_11b_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 | Left blank |

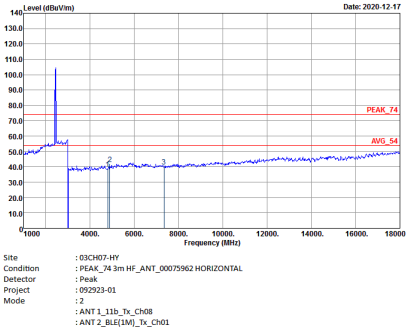
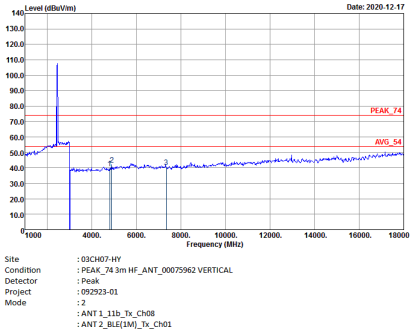
| ANT | Ant 1 11b Ch08 + Ant 2 BLE(1M) Ch01 | |
|---|---|---|
| **Simultaneously** | **Vertical** | **Fundamental** |
| **Peak** |  <br>Site : 03CH07-HY<br>Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 2<br>: ANT 1_11b_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 | Left blank |
| **Avg.** |  <br>Site : 03CH07-HY<br>Condition : AVG_54 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:3.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 2<br>: ANT 1_11b_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 | Left blank |

## 2.4GHz 2400~2483.5MHz (2490MHz IM3 @ 3m)

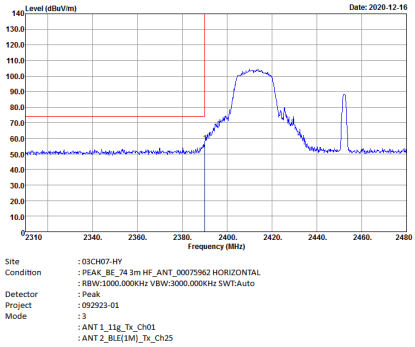
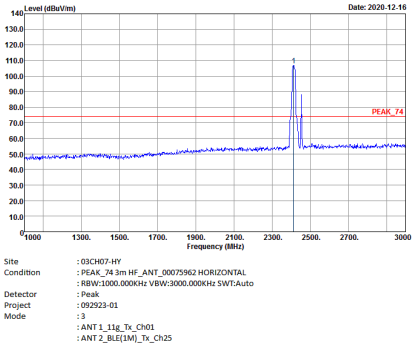
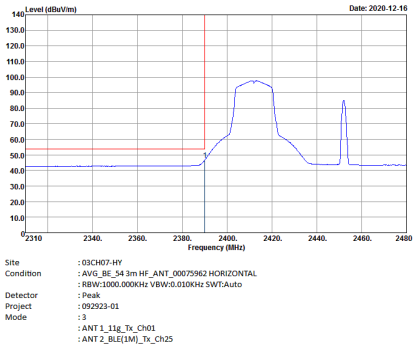
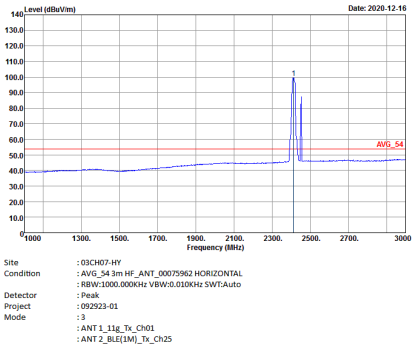
| ANT | Ant 1 11b Ch08 + Ant 2 BLE(1M) Ch01 | |
|---|---|---|
| **Simultaneously** | **Horizontal** | **Fundamental** |
| **Peak** |  <br>Site : 03CH07-HY<br>Condition : PEAK_74 3m HF_ANT_00075962 HORIZONTAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 2<br>: ANT 1_11b_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 | Left blank |
| **Avg.** |  <br>Site : 03CH07-HY<br>Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL<br>: RBW:1000.000KHz VBW:3.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 2<br>: ANT 1_11b_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 | Left blank |

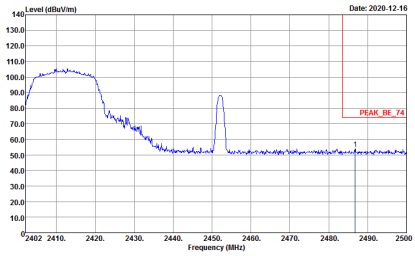
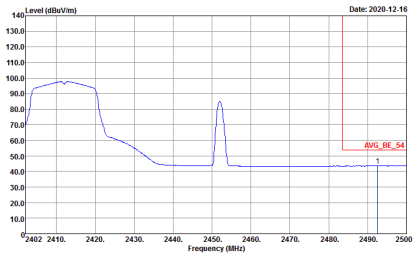
| ANT | Ant 1 11b Ch08 + Ant 2 BLE(1M) Ch01 | |
|---|---|---|
| **Simultaneously** | **Vertical** | **Fundamental** |
| **Peak** |  | Left blank |
| **Avg.** |  | Left blank |

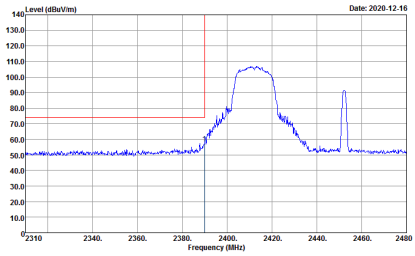
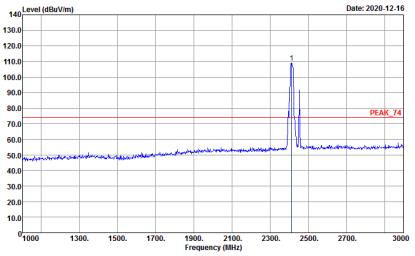
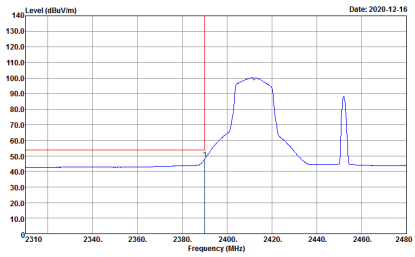
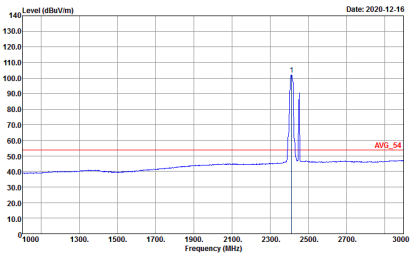
## 2.4GHz 2400~2483.5MHz (Harmonic @ 3m)

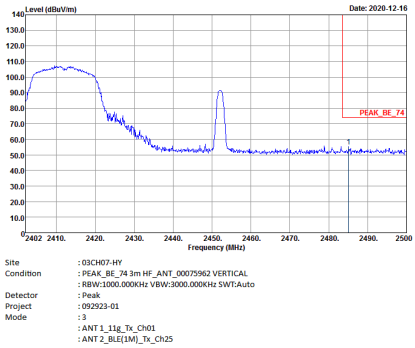
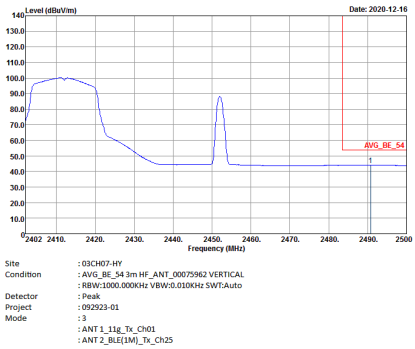
| ANT | Ant 1 11b Ch08 + Ant 2 BLE(1M) Ch01 | |
|---|---|---|
| Simultaneously | Horizontal | Vertical |
| Peak<br>Avg. |  |  |

## 2.4GHz 2400~2483.5MHz (Band Edge @ 3m)

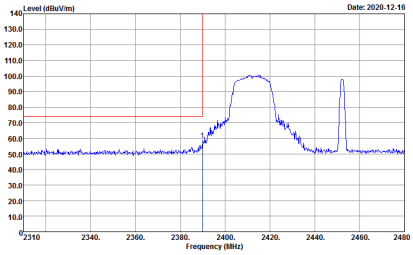
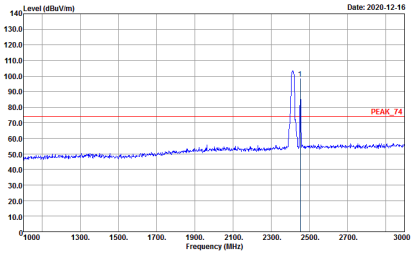
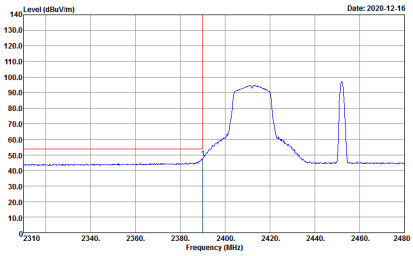
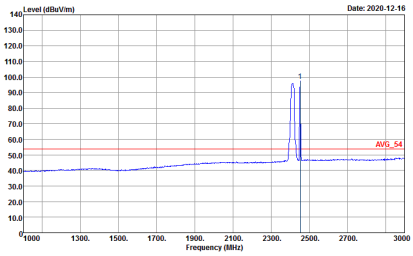
| ANT | Ant 1 11g Ch01 + Ant 2 BLE(1M) Ch25 - L | |
|---|---|---|
| Simultaneously | Horizontal | Fundamental |
| Peak |  |  |
| Avg. |  |  |

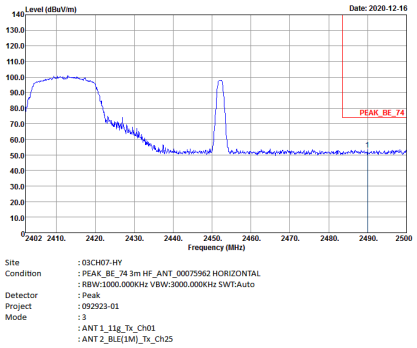
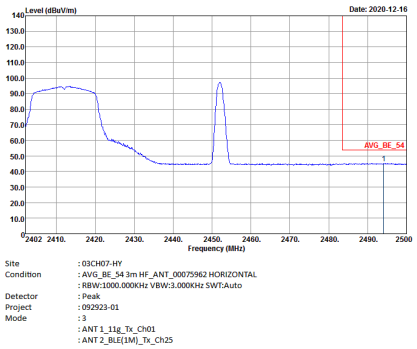
| ANT | Ant 1 11g Ch01 + Ant 2 BLE(1M) Ch25 - R | |
|---|---|---|
| **Simultaneously** | **Horizontal** | **Fundamental** |
| **Peak** |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 3<br>: ANT 1_11g_Tx_Ch01<br>: ANT 2_BLE(1M)_Tx_Ch25 | Left blank |
| **Avg.** |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL<br>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 3<br>: ANT 1_11g_Tx_Ch01<br>: ANT 2_BLE(1M)_Tx_Ch25 | Left blank |

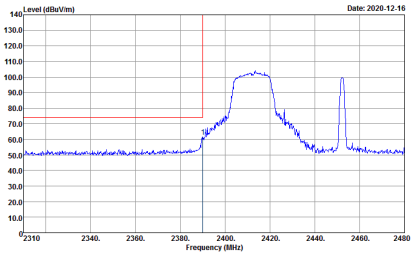
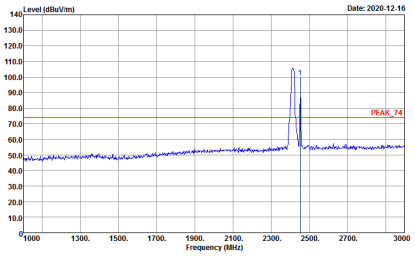
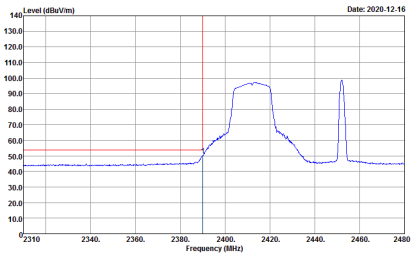
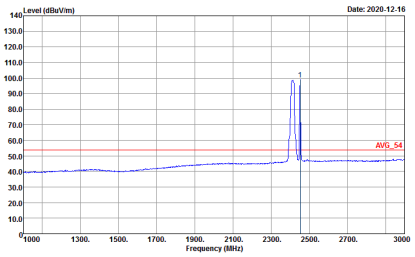
| ANT | Ant 1 11g Ch01 + Ant 2 BLE(1M) Ch25 - L | |
|---|---|---|
| **Simultaneously** | **Vertical** | **Fundamental** |
| **Peak** |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 3<br>: ANT 1_11g_Tx_Ch01<br>: ANT 2_BLE(1M)_Tx_Ch25 |  <br>Site : 03CH07-HY<br>Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 3<br>: ANT 1_11g_Tx_Ch01<br>: ANT 2_BLE(1M)_Tx_Ch25 |
| **Avg.** |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 3<br>: ANT 1_11g_Tx_Ch01<br>: ANT 2_BLE(1M)_Tx_Ch25 |  <br>Site : 03CH07-HY<br>Condition : AVG_54 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 3<br>: ANT 1_11g_Tx_Ch01<br>: ANT 2_BLE(1M)_Tx_Ch25 |

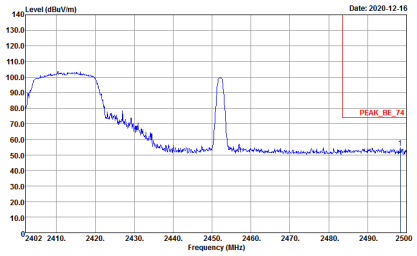
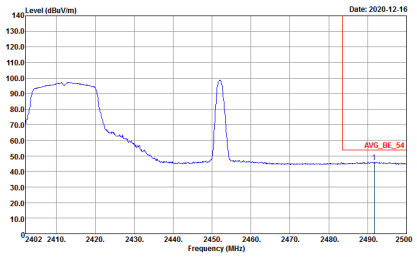
| ANT | Ant 1 11g Ch01 + Ant 2 BLE(1M) Ch25 - R | |
|---|---|---|
| **Simultaneously** | **Vertical** | **Fundamental** |
| **Peak** |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 3<br>: ANT 1_11g_Tx_Ch01<br>: ANT 2_BLE(1M)_Tx_Ch25 | Left blank |
| **Avg.** |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 3<br>: ANT 1_11g_Tx_Ch01<br>: ANT 2_BLE(1M)_Tx_Ch25 | Left blank |

## BLE (Band Edge @ 3m)

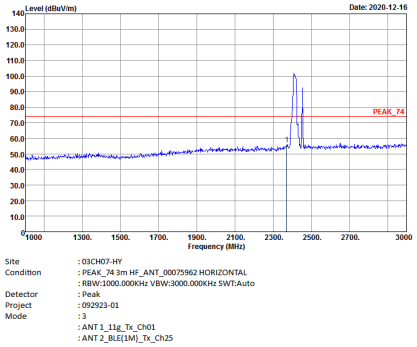
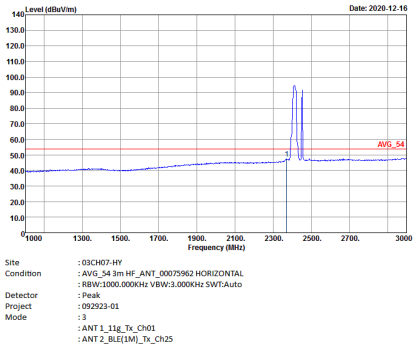
| ANT | Ant 1 11g Ch01 + Ant 2 BLE(1M) Ch25 - L | |
|---|---|---|
| Simultaneously | Horizontal | Fundamental |
| Peak |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 3<br>: ANT 1_11g_Tx_Ch01<br>: ANT 2_BLE(1M)_Tx_Ch25 |  <br>Site : 03CH07-HY<br>Condition : PEAK_74 3m HF_ANT_00075962 HORIZONTAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 3<br>: ANT 1_11g_Tx_Ch01<br>: ANT 2_BLE(1M)_Tx_Ch25 |
| Avg. |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL<br>: RBW:1000.000KHz VBW:3.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 3<br>: ANT 1_11g_Tx_Ch01<br>: ANT 2_BLE(1M)_Tx_Ch25 |  <br>Site : 03CH07-HY<br>Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL<br>: RBW:1000.000KHz VBW:3.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 3<br>: ANT 1_11g_Tx_Ch01<br>: ANT 2_BLE(1M)_Tx_Ch25 |

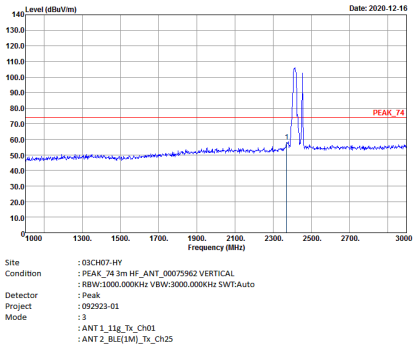
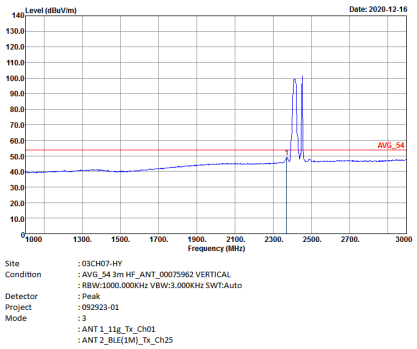
| ANT | Ant 1 11g Ch01 + Ant 2 BLE(1M) Ch25 - R | |
|---|---|---|
| **Simultaneously** | **Horizontal** | **Fundamental** |
| **Peak** |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 3<br>: ANT 1_11g_Tx_Ch01<br>: ANT 2_BLE(1M)_Tx_Ch25 | Left blank |
| **Avg.** |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL<br>: RBW:1000.000KHz VBW:3.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 3<br>: ANT 1_11g_Tx_Ch01<br>: ANT 2_BLE(1M)_Tx_Ch25 | Left blank |

| ANT | Ant 1 11g Ch01 + Ant 2 BLE(1M) Ch25 - L | |
|---|---|---|
| **Simultaneously** | **Vertical** | **Fundamental** |
| **Peak** |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 3<br>: ANT 1_11g_Tx_Ch01<br>: ANT 2_BLE(1M)_Tx_Ch25 |  <br>Site : 03CH07-HY<br>Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 3<br>: ANT 1_11g_Tx_Ch01<br>: ANT 2_BLE(1M)_Tx_Ch25 |
| **Avg.** |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:3.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 3<br>: ANT 1_11g_Tx_Ch01<br>: ANT 2_BLE(1M)_Tx_Ch25 |  <br>Site : 03CH07-HY<br>Condition : AVG_54 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:3.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 3<br>: ANT 1_11g_Tx_Ch01<br>: ANT 2_BLE(1M)_Tx_Ch25 |

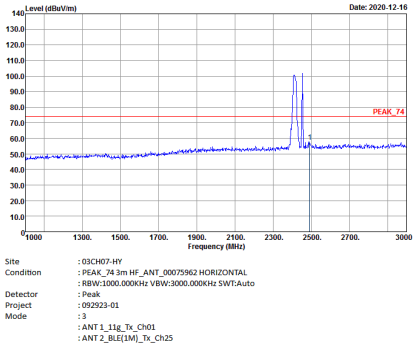
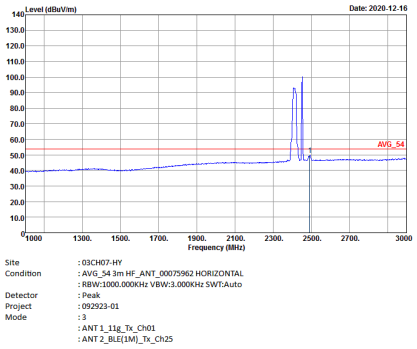
| ANT | Ant 1 11g Ch01 + Ant 2 BLE(1M) Ch25 - R | |
|---|---|---|
| **Simultaneously** | **Vertical** | **Fundamental** |
| **Peak** |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 3<br>: ANT 1_11g_Tx_Ch01<br>: ANT 2_BLE(1M)_Tx_Ch25 | Left blank |
| **Avg.** |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:3.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 3<br>: ANT 1_11g_Tx_Ch01<br>: ANT 2_BLE(1M)_Tx_Ch25 | Left blank |

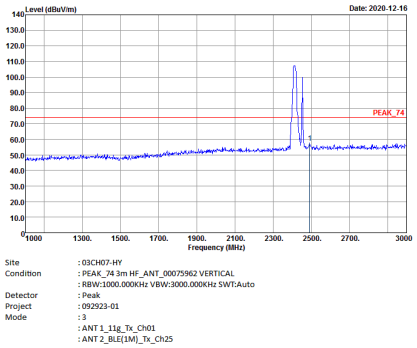
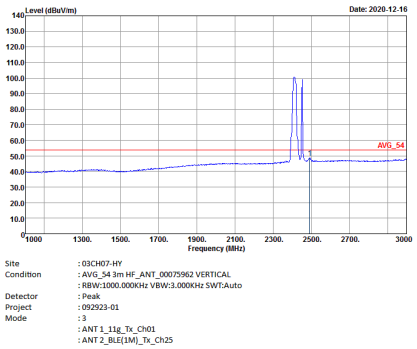
## 2.4GHz 2400~2483.5MHz (2372MHz IM3 @ 3m)

| ANT | Ant 1 11g Ch01 + Ant 2 BLE(1M) Ch25 | |
|---|---|---|
| **Simultaneously** | **Horizontal** | **Fundamental** |
| **Peak** |  <br>Site : 03CH07-HY<br>Condition : PEAK_74 3m HF_ANT_00075962 HORIZONTAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 3<br>: ANT 1_11g_Tx_Ch01<br>: ANT 2_BLE(1M)_Tx_Ch25 | Left blank |
| **Avg.** |  <br>Site : 03CH07-HY<br>Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL<br>: RBW:1000.000KHz VBW:3.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 3<br>: ANT 1_11g_Tx_Ch01<br>: ANT 2_BLE(1M)_Tx_Ch25 | Left blank |

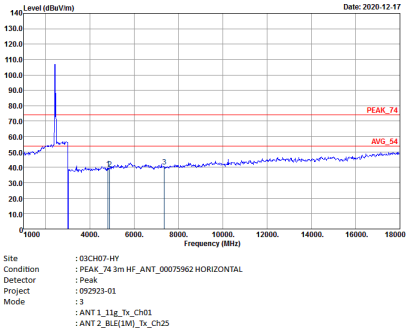
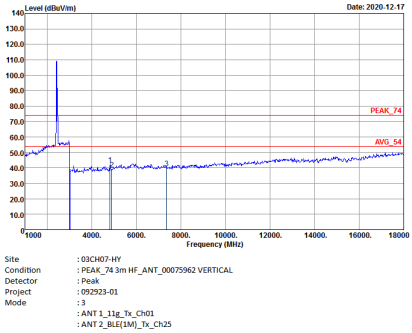
| ANT | Ant 1 11g Ch01 + Ant 2 BLE(1M) Ch25 | |
|---|---|---|
| **Simultaneously** | **Vertical** | **Fundamental** |
| **Peak** |  <br>Site : 03CH07-HY<br>Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 3<br>: ANT 1_11g_Tx_Ch01<br>: ANT 2_BLE(1M)_Tx_Ch25 | Left blank |
| **Avg.** |  <br>Site : 03CH07-HY<br>Condition : AVG_54 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:3.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 3<br>: ANT 1_11g_Tx_Ch01<br>: ANT 2_BLE(1M)_Tx_Ch25 | Left blank |

## 2.4GHz 2400~2483.5MHz (2492MHz IM3 @ 3m)

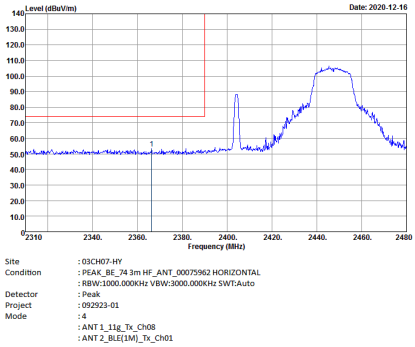
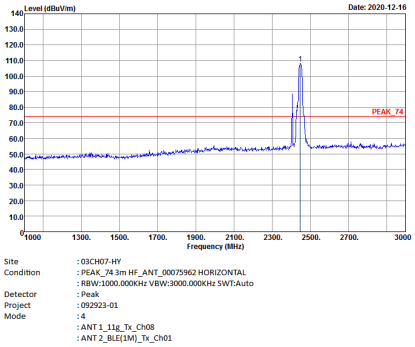
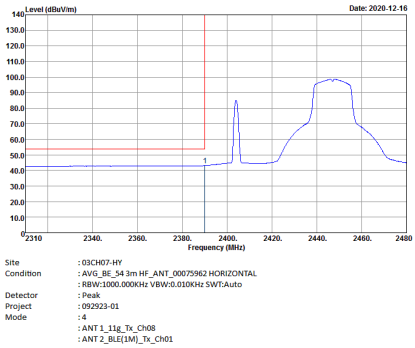
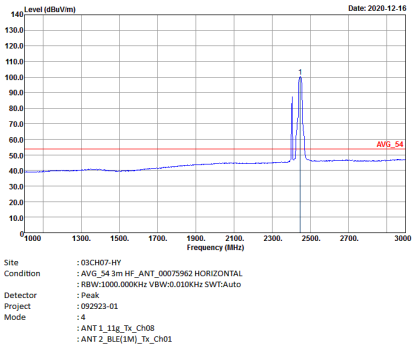
| ANT | Ant 1 11g Ch01 + Ant 2 BLE(1M) Ch25 | |
|---|---|---|
| **Simultaneously** | **Horizontal** | **Fundamental** |
| **Peak** |  | Left blank |
| **Avg.** |  | Left blank |

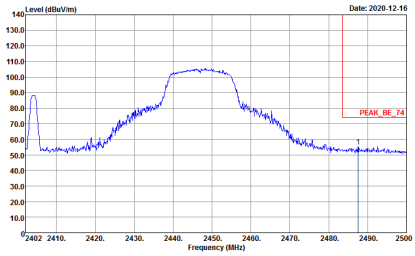
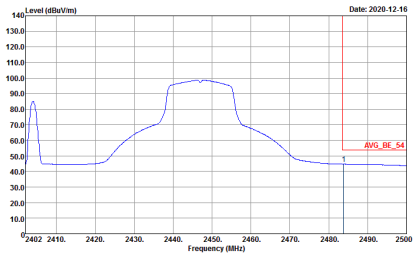
| ANT | Ant 1 11g Ch01 + Ant 2 BLE(1M) Ch25 | |
|---|---|---|
| **Simultaneously** | **Vertical** | **Fundamental** |
| **Peak** |  <br>Site : 03CH07-HY<br>Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 3<br>: ANT 1_11g_Tx_Ch01<br>: ANT 2_BLE(1M)_Tx_Ch25 | Left blank |
| **Avg.** |  <br>Site : 03CH07-HY<br>Condition : AVG_54 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:3.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 3<br>: ANT 1_11g_Tx_Ch01<br>: ANT 2_BLE(1M)_Tx_Ch25 | Left blank |

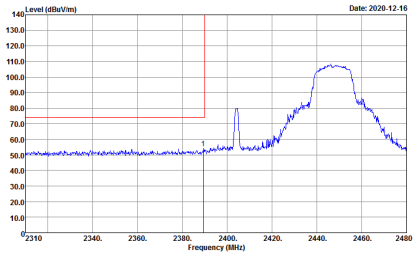
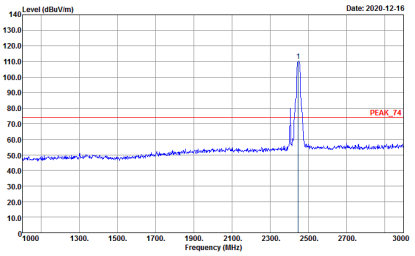
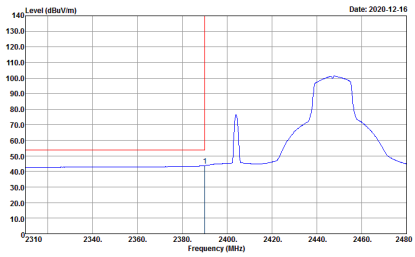
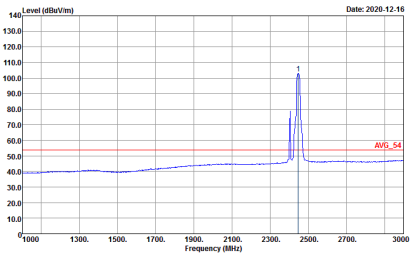
## 2.4GHz 2400~2483.5MHz (Harmonic @ 3m)

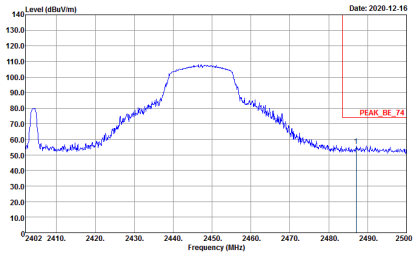
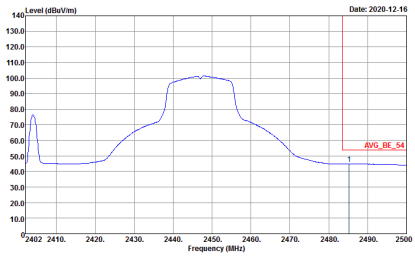
| ANT | Ant 1 11g Ch01 + Ant 2 BLE(1M) Ch25 | |
|---|---|---|
| Simultaneously | Horizontal | Vertical |
| Peak<br>Avg. |  |  |

## 2.4GHz 2400~2483.5MHz (Band Edge @ 3m)

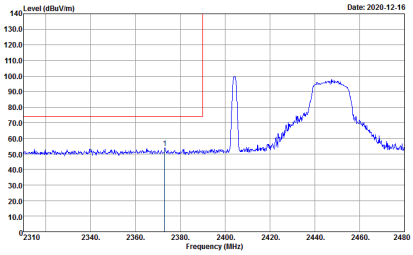
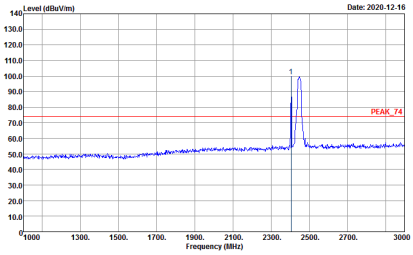
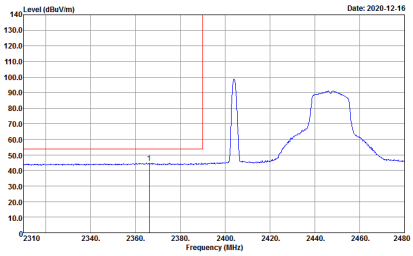
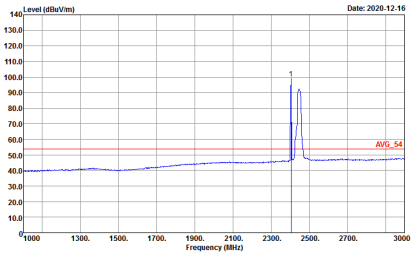
| ANT | Ant 1 11g Ch08 + Ant 2 BLE(1M) Ch01 - L | |
|---|---|---|
| Simultaneously | Horizontal | Fundamental |
| Peak |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 4<br>: ANT 1_11g_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 |  <br>Site : 03CH07-HY<br>Condition : PEAK_74 3m HF_ANT_00075962 HORIZONTAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 4<br>: ANT 1_11g_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 |
| Avg. |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL<br>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 4<br>: ANT 1_11g_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 |  <br>Site : 03CH07-HY<br>Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL<br>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 4<br>: ANT 1_11g_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 |

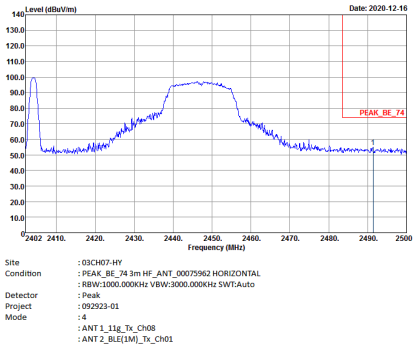
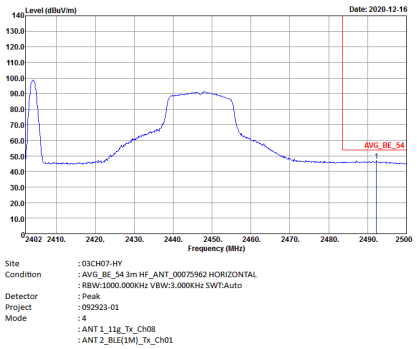
| ANT | Ant 1 11g Ch08 + Ant 2 BLE(1M) Ch01 - R | |
|---|---|---|
| **Simultaneously** | **Horizontal** | **Fundamental** |
| **Peak** |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 4<br>: ANT 1_11g_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 | Left blank |
| **Avg.** |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL<br>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 4<br>: ANT 1_11g_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 | Left blank |

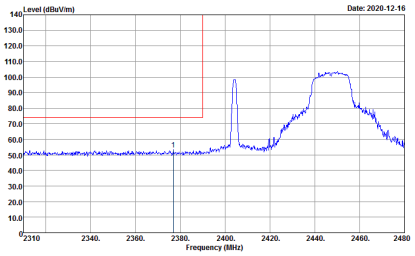
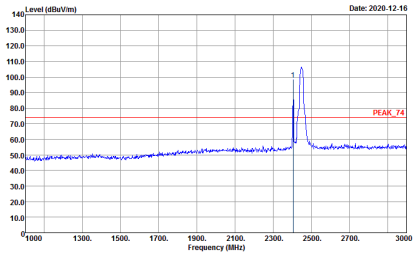
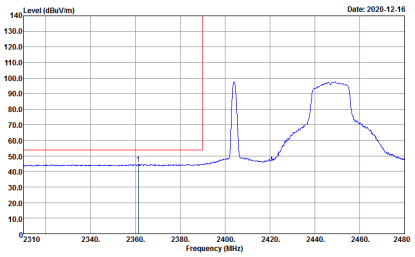
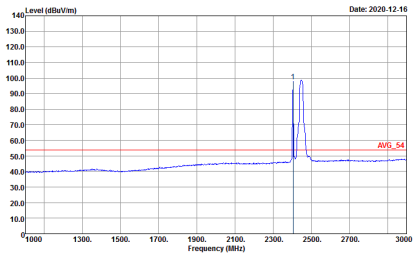
| ANT | Ant 1 11g Ch08 + Ant 2 BLE(1M) Ch01 - L | |
|---|---|---|
| **Simultaneously** | **Vertical** | **Fundamental** |
| **Peak** |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 4<br>: ANT 1_11g_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 |  <br>Site : 03CH07-HY<br>Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 4<br>: ANT 1_11g_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 |
| **Avg.** |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 4<br>: ANT 1_11g_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 |  <br>Site : 03CH07-HY<br>Condition : AVG_54 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 4<br>: ANT 1_11g_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 |

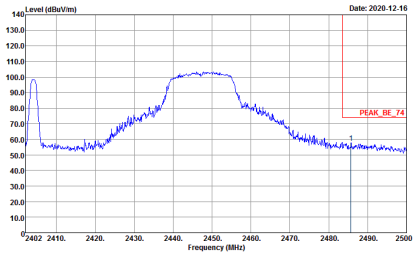
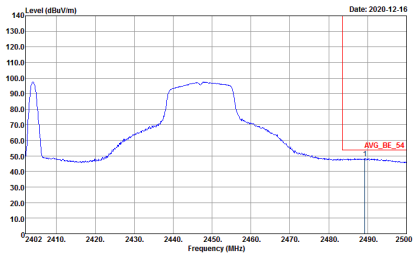
| ANT | Ant 1 11g Ch08 + Ant 2 BLE(1M) Ch01 - R | |
|---|---|---|
| **Simultaneously** | **Vertical** | **Fundamental** |
| **Peak** |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 4<br>: ANT 1_11g_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 | Left blank |
| **Avg.** |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 4<br>: ANT 1_11g_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 | Left blank |

## BLE (Band Edge @ 3m)

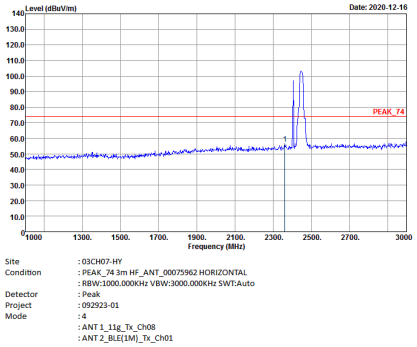
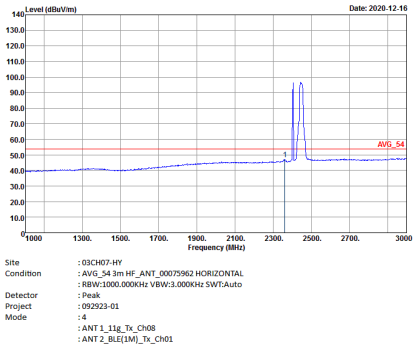
| ANT | Ant 1 11g Ch08 + Ant 2 BLE(1M) Ch01 - L | |
|---|---|---|
| Simultaneously | Horizontal | Fundamental |
| Peak |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 4<br>: ANT 1_11g_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 |  <br>Site : 03CH07-HY<br>Condition : PEAK_74 3m HF_ANT_00075962 HORIZONTAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 4<br>: ANT 1_11g_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 |
| Avg. |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL<br>: RBW:1000.000KHz VBW:3.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 4<br>: ANT 1_11g_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 |  <br>Site : 03CH07-HY<br>Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL<br>: RBW:1000.000KHz VBW:3.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 4<br>: ANT 1_11g_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 |

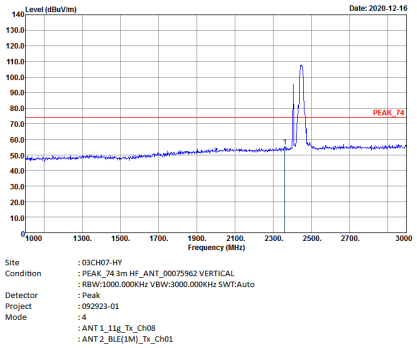
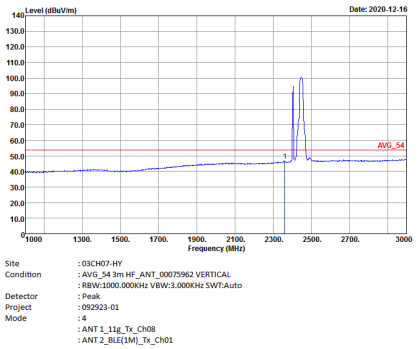
| ANT | Ant 1 11g Ch08 + Ant 2 BLE(1M) Ch01 - R | |
|---|---|---|
| **Simultaneously** | **Horizontal** | **Fundamental** |
| **Peak** |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 4<br>: ANT 1_11g_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 | Left blank |
| **Avg.** |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL<br>: RBW:1000.000KHz VBW:3.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 4<br>: ANT 1_11g_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 | Left blank |

| ANT | Ant 1 11g Ch08 + Ant 2 BLE(1M) Ch01 - L | |
|---|---|---|
| **Simultaneously** | **Vertical** | **Fundamental** |
| **Peak** |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 4<br>: ANT 1_11g_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 |  <br>Site : 03CH07-HY<br>Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 4<br>: ANT 1_11g_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 |
| **Avg.** |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:3.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 4<br>: ANT 1_11g_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 |  <br>Site : 03CH07-HY<br>Condition : AVG_54 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:3.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 4<br>: ANT 1_11g_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 |

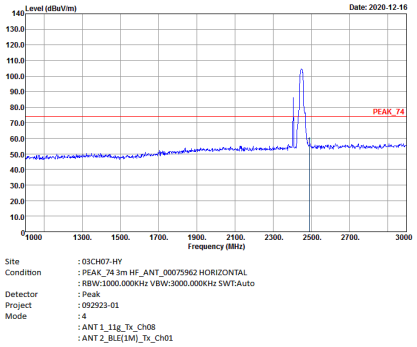
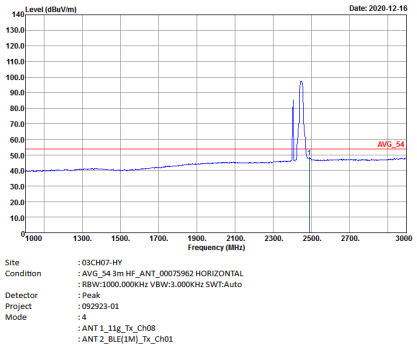
| ANT | Ant 1 11g Ch08 + Ant 2 BLE(1M) Ch01 - R | |
|---|---|---|
| **Simultaneously** | **Vertical** | **Fundamental** |
| **Peak** |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 4<br>: ANT 1_11g_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 | Left blank |
| **Avg.** |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:3.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 4<br>: ANT 1_11g_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 | Left blank |

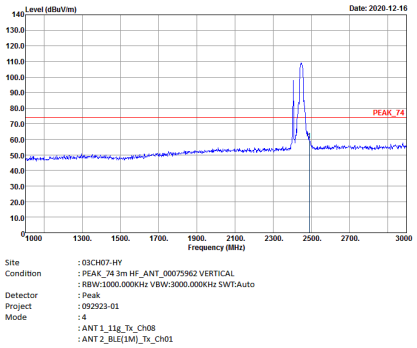
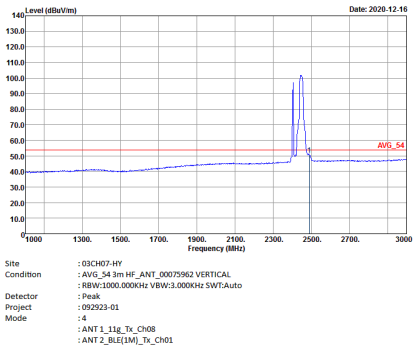
## 2.4GHz 2400~2483.5MHz (2361MHz IM3 @ 3m)

| ANT | Ant 1 11g Ch08 + Ant 2 BLE(1M) Ch01 | |
|---|---|---|
| **Simultaneously** | **Horizontal** | **Fundamental** |
| **Peak** |  <br>Site : 03CH07-HY<br>Condition : PEAK_74 3m HF_ANT_00075962 HORIZONTAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 4<br>: ANT 1_11g_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 | Left blank |
| **Avg.** |  <br>Site : 03CH07-HY<br>Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL<br>: RBW:1000.000KHz VBW:3.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 4<br>: ANT 1_11g_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 | Left blank |

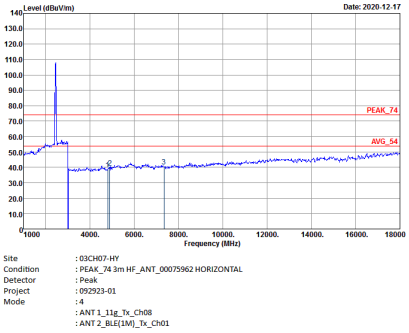
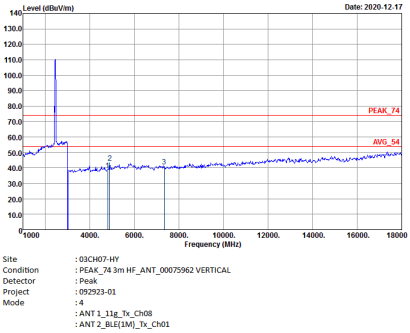
| ANT | Ant 1 11g Ch08 + Ant 2 BLE(1M) Ch01 | |
|---|---|---|
| **Simultaneously** | **Vertical** | **Fundamental** |
| **Peak** |  <br>Site : 03CH07-HY<br>Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 4<br>: ANT 1_11g_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 | Left blank |
| **Avg.** |  <br>Site : 03CH07-HY<br>Condition : AVG_54 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:3.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 4<br>: ANT 1_11g_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 | Left blank |

## 2.4GHz 2400~2483.5MHz (2490MHz IM3 @ 3m)

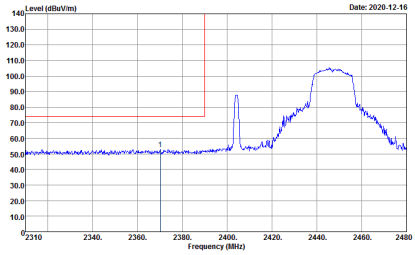
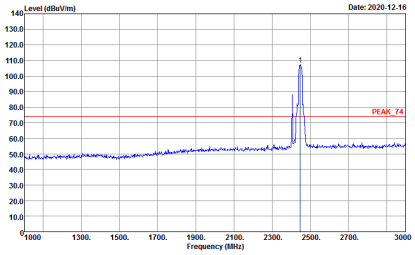
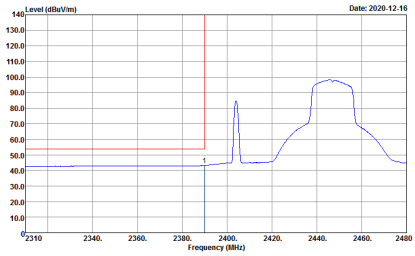
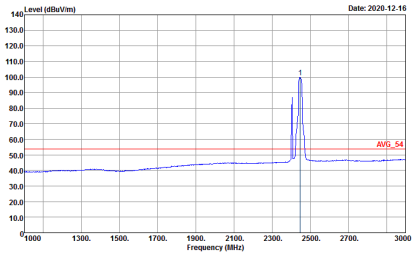
| ANT | Ant 1 11g Ch08 + Ant 2 BLE(1M) Ch01 | |
|---|---|---|
| **Simultaneously** | **Horizontal** | **Fundamental** |
| **Peak** |  <br>Site : 03CH07-HY<br>Condition : PEAK_74 3m HF_ANT_00075962 HORIZONTAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 4<br>: ANT 1_11g_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 | Left blank |
| **Avg.** |  <br>Site : 03CH07-HY<br>Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL<br>: RBW:1000.000KHz VBW:3.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 4<br>: ANT 1_11g_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 | Left blank |

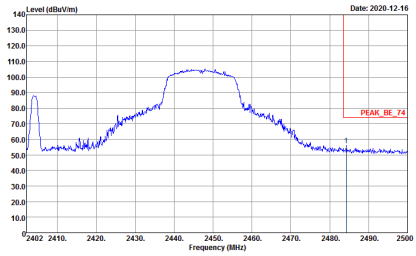
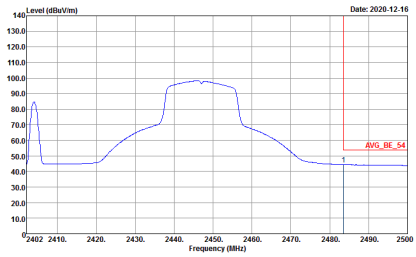
| ANT | Ant 1 11g Ch08 + Ant 2 BLE(1M) Ch01 | |
|---|---|---|
| **Simultaneously** | **Vertical** | **Fundamental** |
| **Peak** |  <br>Site : 03CH07-HY<br>Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 4<br>: ANT 1_11g_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 | Left blank |
| **Avg.** |  <br>Site : 03CH07-HY<br>Condition : AVG_54 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:3.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 4<br>: ANT 1_11g_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 | Left blank |

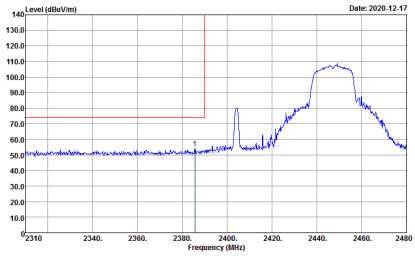
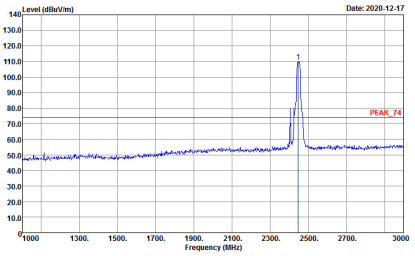
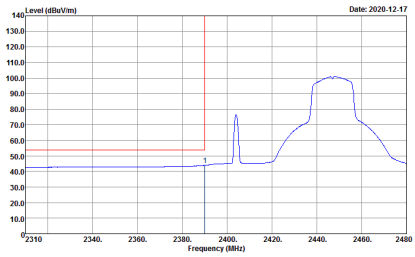
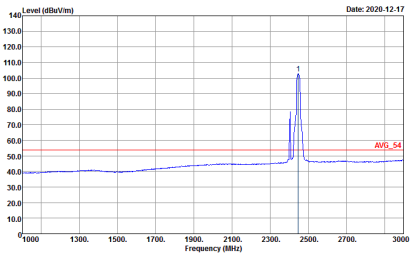
## 2.4GHz 2400~2483.5MHz (Harmonic @ 3m)

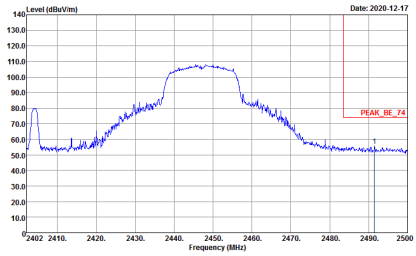
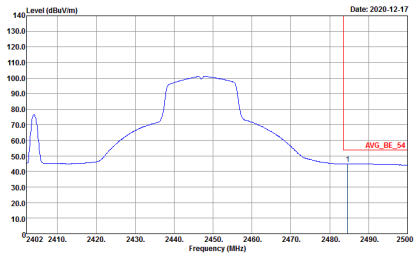
| ANT | Ant 1 11g Ch08 + Ant 2 BLE(1M) Ch01 | |
|---|---|---|
| Simultaneously | Horizontal | Vertical |
| Peak<br>Avg. |  |  |

## 2.4GHz 2400~2483.5MHz (Band Edge @ 3m)

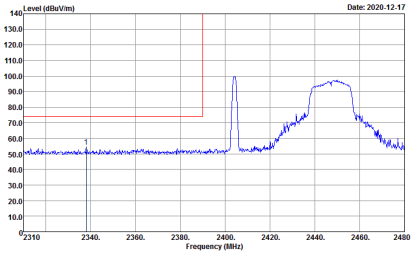
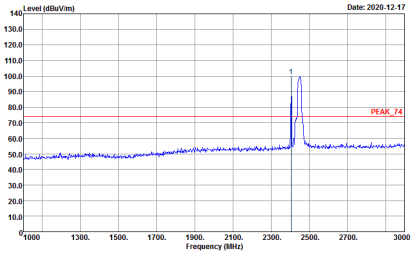
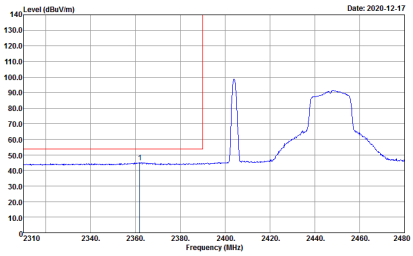
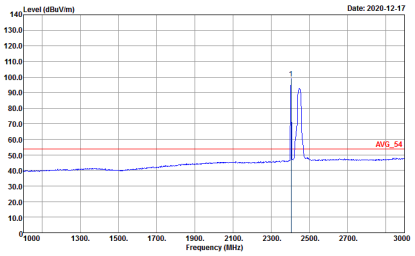
| ANT | Ant 1 11n HT20 Ch08 + Ant 2 BLE(1M) Ch01 - L | |
|---|---|---|
| Simultaneously | Horizontal | Fundamental |
| Peak |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 5<br>: ANT 1_11g(n20)_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 |  <br>Site : 03CH07-HY<br>Condition : PEAK_74 3m HF_ANT_00075962 HORIZONTAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 5<br>: ANT 1_11g(n20)_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 |
| Avg. |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL<br>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 5<br>: ANT 1_11g(n20)_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 |  <br>Site : 03CH07-HY<br>Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL<br>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 5<br>: ANT 1_11g(n20)_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 |

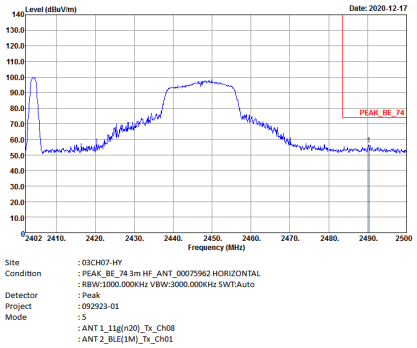
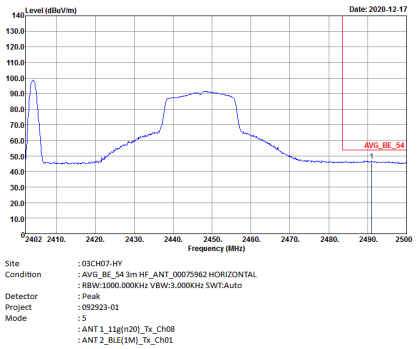
| ANT | Ant 1 11n HT20 Ch08 + Ant 2 BLE(1M) Ch01 - R | |
|---|---|---|
| **Simultaneously** | **Horizontal** | **Fundamental** |
| **Peak** |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 5<br>: ANT 1_11g(n20)_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 | Left blank |
| **Avg.** |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL<br>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 5<br>: ANT 1_11g(n20)_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 | Left blank |

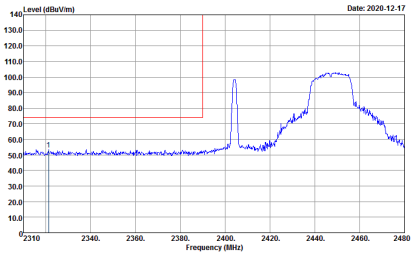
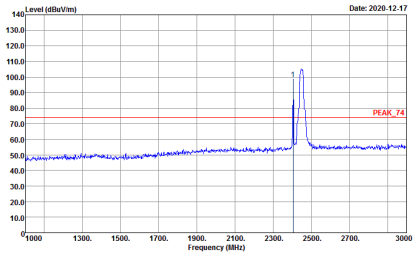
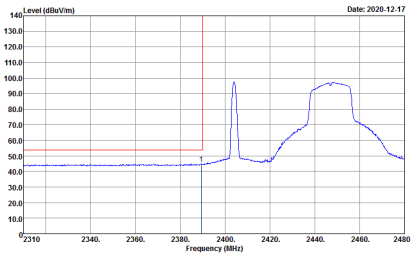
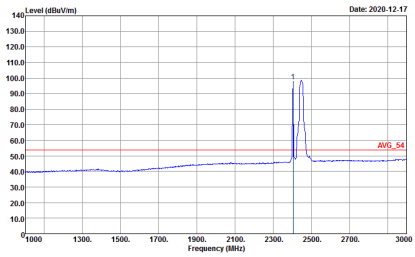
| ANT | Ant 1 11n HT20 Ch08 + Ant 2 BLE(1M) Ch01 - L | |
|---|---|---|
| **Simultaneously** | **Vertical** | **Fundamental** |
| **Peak** |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 5<br>: ANT 1_11g(n20)_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 |  <br>Site : 03CH07-HY<br>Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 5<br>: ANT 1_11g(n20)_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 |
| **Avg.** |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 5<br>: ANT 1_11g(n20)_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 |  <br>Site : 03CH07-HY<br>Condition : AVG_54 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 5<br>: ANT 1_11g(n20)_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 |

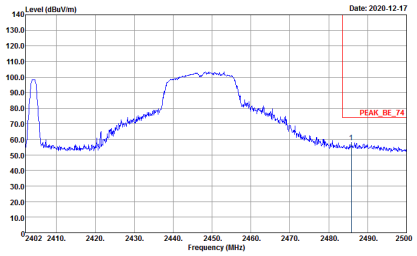
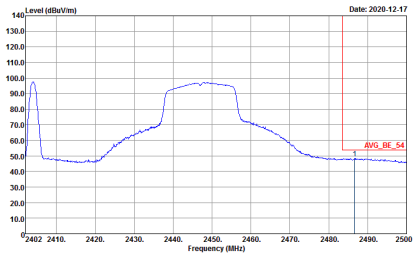
| ANT | Ant 1 11n HT20 Ch08 + Ant 2 BLE(1M) Ch01 - R | |
|---|---|---|
| **Simultaneously** | **Vertical** | **Fundamental** |
| **Peak** |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 5<br>: ANT 1_11g(n20)_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 | Left blank |
| **Avg.** |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 5<br>: ANT 1_11g(n20)_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 | Left blank |

## BLE (Band Edge @ 3m)

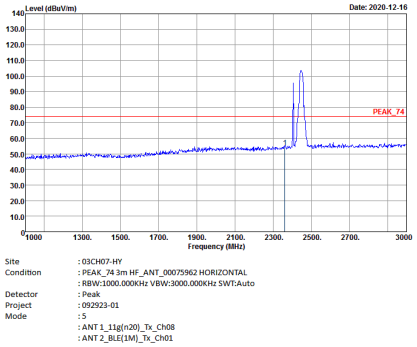
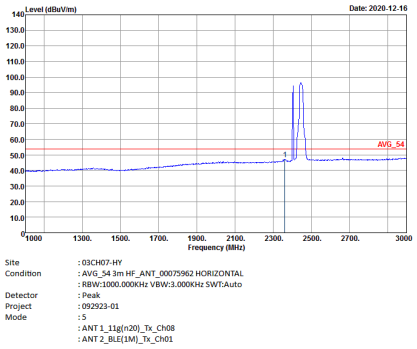
| ANT | Ant 1 11n HT20 Ch08 + Ant 2 BLE(1M) Ch01 - L | |
|---|---|---|
| Simultaneously | Horizontal | Fundamental |
| Peak |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 5<br>: ANT 1_11g(n20)_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 |  <br>Site : 03CH07-HY<br>Condition : PEAK_74 3m HF_ANT_00075962 HORIZONTAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 5<br>: ANT 1_11g(n20)_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 |
| Avg. |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL<br>: RBW:1000.000KHz VBW:3.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 5<br>: ANT 1_11g(n20)_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 |  <br>Site : 03CH07-HY<br>Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL<br>: RBW:1000.000KHz VBW:3.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 5<br>: ANT 1_11g(n20)_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 |

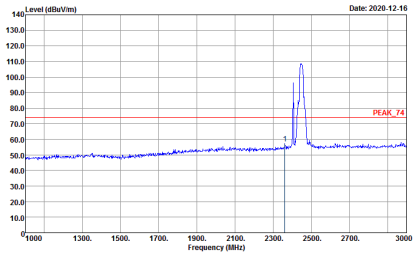
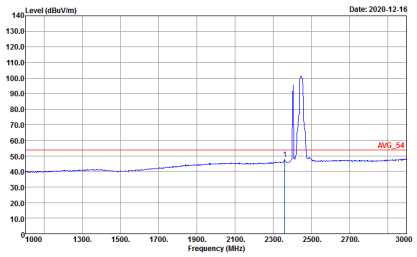
| ANT | Ant 1 11n HT20 Ch08 + Ant 2 BLE(1M) Ch01 - R | |
|---|---|---|
| **Simultaneously** | **Horizontal** | **Fundamental** |
| **Peak** |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 5<br>: ANT 1_11g(n20)_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 | Left blank |
| **Avg.** |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL<br>: RBW:1000.000KHz VBW:3.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 5<br>: ANT 1_11g(n20)_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 | Left blank |

| ANT | Ant 1 11n HT20 Ch08 + Ant 2 BLE(1M) Ch01 - L | |
|---|---|---|
| **Simultaneously** | **Vertical** | **Fundamental** |
| **Peak** |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 5<br>: ANT 1_11g(n20)_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 |  <br>Site : 03CH07-HY<br>Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 5<br>: ANT 1_11g(n20)_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 |
| **Avg.** |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:3.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 5<br>: ANT 1_11g(n20)_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 |  <br>Site : 03CH07-HY<br>Condition : AVG_54 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:3.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 5<br>: ANT 1_11g(n20)_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 |

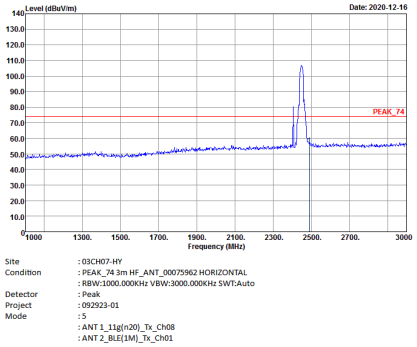
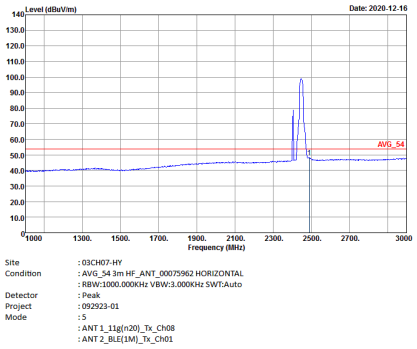
| ANT | Ant 1 11n HT20 Ch08 + Ant 2 BLE(1M) Ch01 - R | |
|---|---|---|
| **Simultaneously** | **Vertical** | **Fundamental** |
| **Peak** |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 5<br>: ANT 1_11g(n20)_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 | Left blank |
| **Avg.** |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:3.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 5<br>: ANT 1_11g(n20)_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 | Left blank |

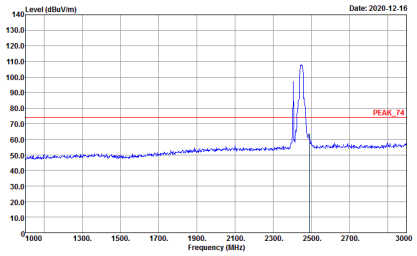
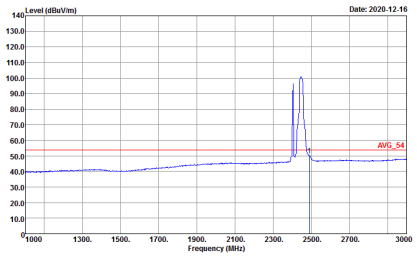
## 2.4GHz 2400~2483.5MHz (2361MHz IM3 @ 3m)

| ANT | Ant 1 11n HT20 Ch08 + Ant 2 BLE(1M) Ch01 | |
|---|---|---|
| **Simultaneously** | **Horizontal** | **Fundamental** |
| **Peak** |  | Left blank |
| **Avg.** |  | Left blank |

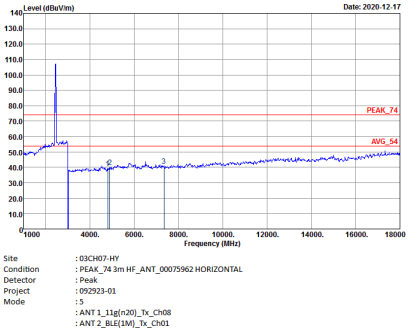
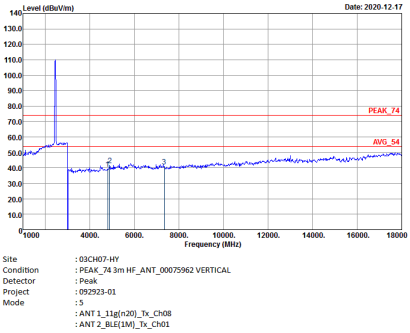
| ANT | Ant 1 11n HT20 Ch08 + Ant 2 BLE(1M) Ch01 | |
|---|---|---|
| **Simultaneously** | **Vertical** | **Fundamental** |
| **Peak** |  <br>Site : 03CH07-HY<br>Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 5<br>: ANT 1_11g(n20)_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 | Left blank |
| **Avg.** |  <br>Site : 03CH07-HY<br>Condition : AVG_54 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:3.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 5<br>: ANT 1_11g(n20)_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 | Left blank |

## 2.4GHz 2400~2483.5MHz (2490MHz IM3 @ 3m)

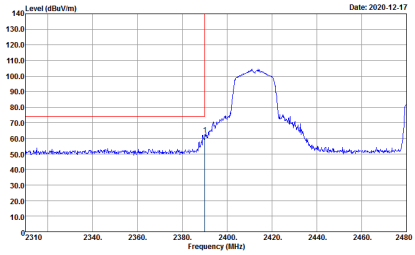
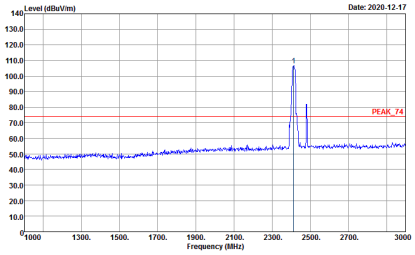
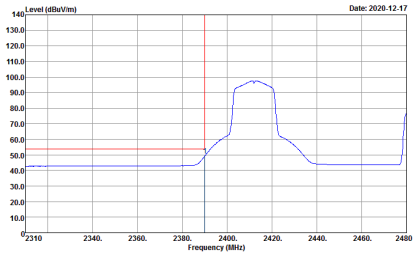
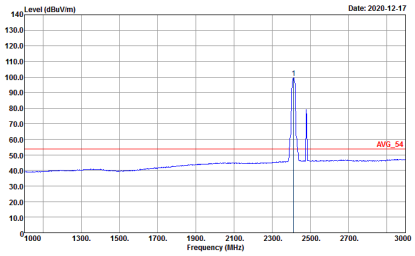
| ANT | Ant 1 11n HT20 Ch08 + Ant 2 BLE(1M) Ch01 | |
|---|---|---|
| **Simultaneously** | **Horizontal** | **Fundamental** |
| **Peak** |  | Left blank |
| **Avg.** |  | Left blank |

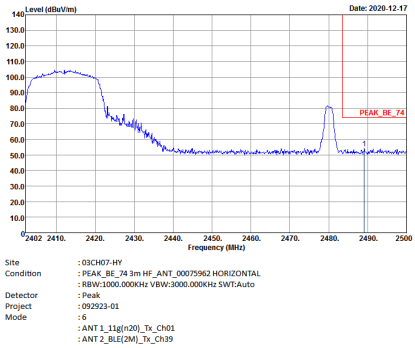
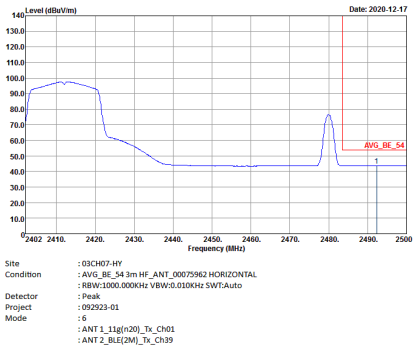
| ANT | Ant 1 11n HT20 Ch08 + Ant 2 BLE(1M) Ch01 | |
|---|---|---|
| **Simultaneously** | **Vertical** | **Fundamental** |
| **Peak** |  <br>Site : 03CH07-HY<br>Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 5<br>: ANT 1_11g(n20)_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 | Left blank |
| **Avg.** |  <br>Site : 03CH07-HY<br>Condition : AVG_54 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:3.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 5<br>: ANT 1_11g(n20)_Tx_Ch08<br>: ANT 2_BLE(1M)_Tx_Ch01 | Left blank |

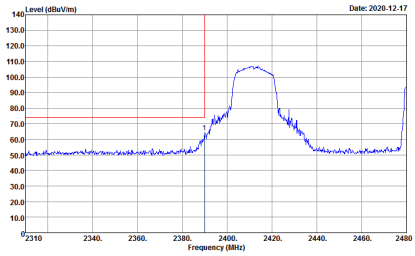
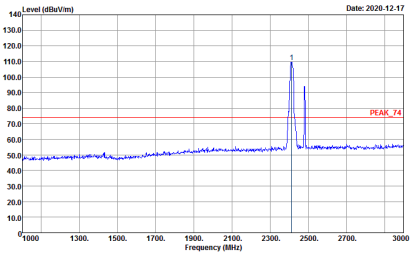
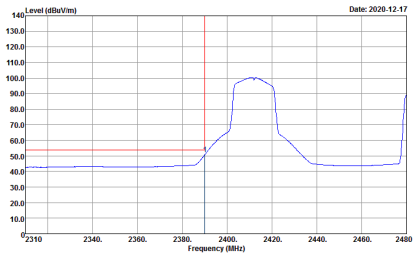
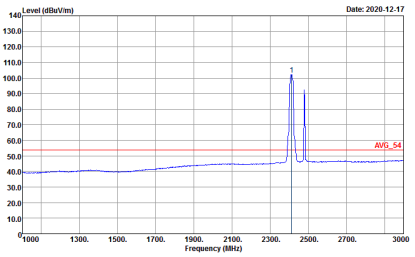
## 2.4GHz 2400~2483.5MHz (Harmonic @ 3m)

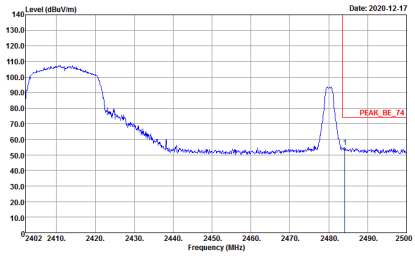
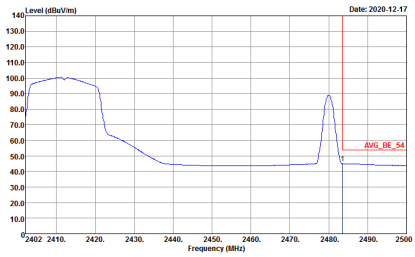
| ANT | Ant 1 11n HT20 Ch08 + Ant 2 BLE(1M) Ch01 | |
|---|---|---|
| Simultaneously | Horizontal | Vertical |
| Peak<br>Avg. |  |  |

## 2.4GHz 2400~2483.5MHz (Band Edge @ 3m)

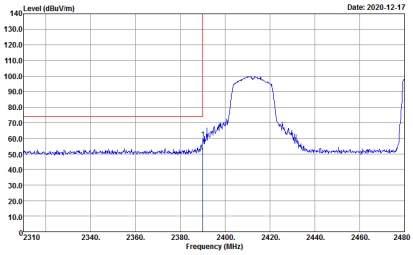
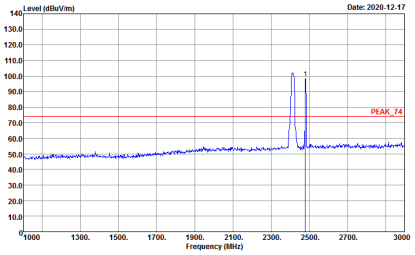
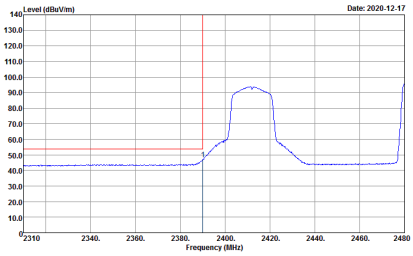
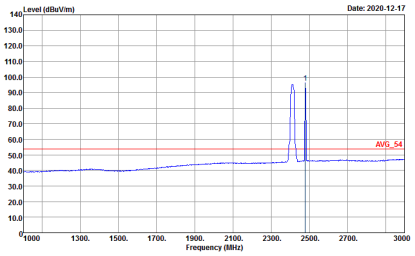
| ANT | Ant 1 11n HT20 Ch01 + Ant 2 BLE 2M Ch39 - L | |
|---|---|---|
| Simultaneously | Horizontal | Fundamental |
| Peak |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 6<br>: ANT 1_11g(n20)_Tx_Ch01<br>: ANT 2_BLE(2M)_Tx_Ch39 |  <br>Site : 03CH07-HY<br>Condition : PEAK_74 3m HF_ANT_00075962 HORIZONTAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 6<br>: ANT 1_11g(n20)_Tx_Ch01<br>: ANT 2_BLE(2M)_Tx_Ch39 |
| Avg. |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL<br>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 6<br>: ANT 1_11g(n20)_Tx_Ch01<br>: ANT 2_BLE(2M)_Tx_Ch39 |  <br>Site : 03CH07-HY<br>Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL<br>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 6<br>: ANT 1_11g(n20)_Tx_Ch01<br>: ANT 2_BLE(2M)_Tx_Ch39 |

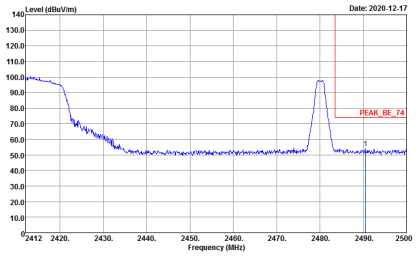
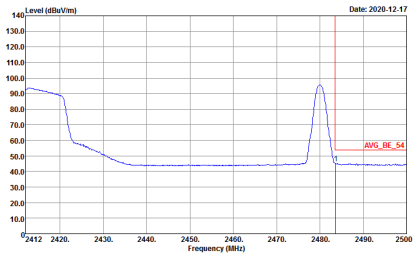
| ANT | Ant 1 11n HT20 Ch01 + Ant 2 BLE 2M Ch39 - R | |
|---|---|---|
| **Simultaneously** | **Horizontal** | **Fundamental** |
| **Peak** |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 6<br>: ANT 1_11g(n20)_Tx_Ch01<br>: ANT 2_BLE(2M)_Tx_Ch39 | Left blank |
| **Avg.** |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL<br>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 6<br>: ANT 1_11g(n20)_Tx_Ch01<br>: ANT 2_BLE(2M)_Tx_Ch39 | Left blank |

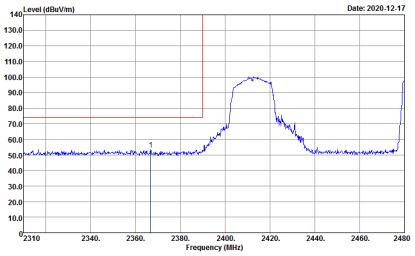
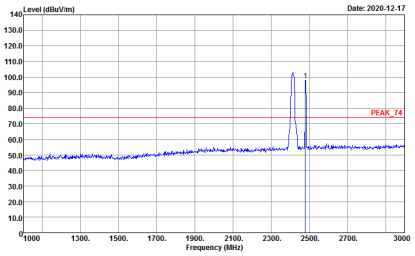
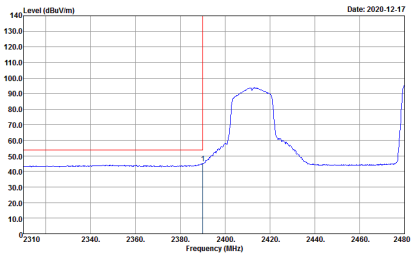
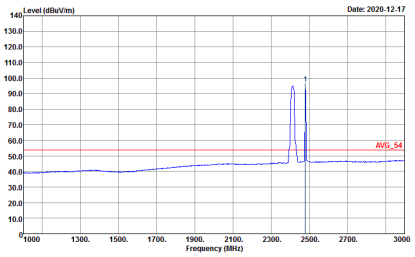
| ANT | Ant 1 11n HT20 Ch01 + Ant 2 BLE 2M Ch39 - L | |
|---|---|---|
| **Simultaneously** | **Vertical** | **Fundamental** |
| **Peak** |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 6<br>: ANT 1_11g(n20)_Tx_Ch01<br>: ANT 2_BLE(2M)_Tx_Ch39 |  <br>Site : 03CH07-HY<br>Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 6<br>: ANT 1_11g(n20)_Tx_Ch01<br>: ANT 2_BLE(2M)_Tx_Ch39 |
| **Avg.** |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 6<br>: ANT 1_11g(n20)_Tx_Ch01<br>: ANT 2_BLE(2M)_Tx_Ch39 |  <br>Site : 03CH07-HY<br>Condition : AVG_54 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 6<br>: ANT 1_11g(n20)_Tx_Ch01<br>: ANT 2_BLE(2M)_Tx_Ch39 |

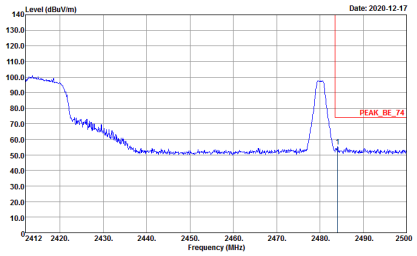
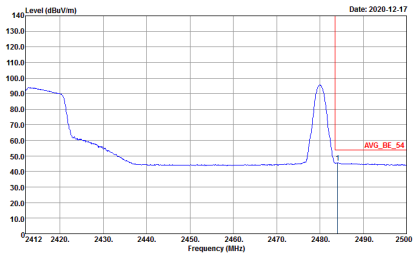
| ANT | Ant 1 11n HT20 Ch01 + Ant 2 BLE 2M Ch39 - R | |
|---|---|---|
| **Simultaneously** | **Vertical** | **Fundamental** |
| **Peak** |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 6<br>: ANT 1_11g(n20)_Tx_Ch01<br>: ANT 2_BLE(2M)_Tx_Ch39 | Left blank |
| **Avg.** |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 6<br>: ANT 1_11g(n20)_Tx_Ch01<br>: ANT 2_BLE(2M)_Tx_Ch39 | Left blank |

## BLE (Band Edge @ 3m)

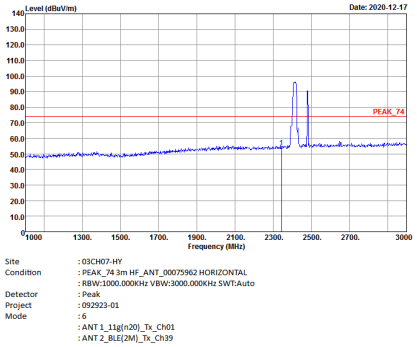
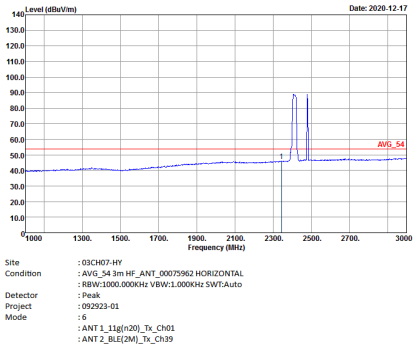
| ANT | Ant 1 11n HT20 Ch01 + Ant 2 BLE 2M Ch39 - L | |
|---|---|---|
| Simultaneously | Horizontal | Fundamental |
| Peak |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 6<br>: ANT 1_11g(n20)_Tx_Ch01<br>: ANT 2_BLE(2M)_Tx_Ch39 |  <br>Site : 03CH07-HY<br>Condition : PEAK_74 3m HF_ANT_00075962 HORIZONTAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 6<br>: ANT 1_11g(n20)_Tx_Ch01<br>: ANT 2_BLE(2M)_Tx_Ch39 |
| Avg. |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL<br>: RBW:1000.000KHz VBW:1.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 6<br>: ANT 1_11g(n20)_Tx_Ch01<br>: ANT 2_BLE(2M)_Tx_Ch39 |  <br>Site : 03CH07-HY<br>Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL<br>: RBW:1000.000KHz VBW:1.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 6<br>: ANT 1_11g(n20)_Tx_Ch01<br>: ANT 2_BLE(2M)_Tx_Ch39 |

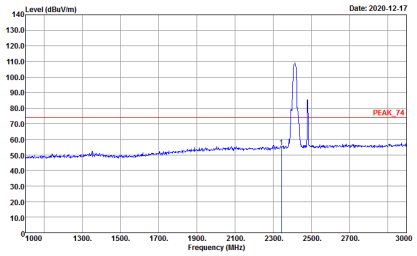
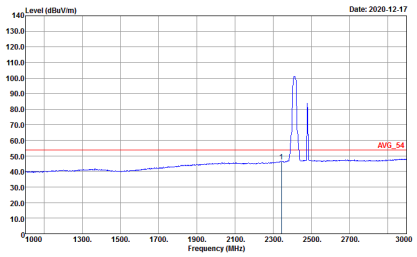
| ANT | Ant 1 11n HT20 Ch01 + Ant 2 BLE 2M Ch39 - R | |
|---|---|---|
| **Simultaneously** | **Horizontal** | **Fundamental** |
| **Peak** |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 6<br>: ANT 1_11g(n20)_Tx_Ch01<br>: ANT 2_BLE(2M)_Tx_Ch39 | Left blank |
| **Avg.** |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL<br>: RBW:1000.000KHz VBW:1.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 6<br>: ANT 1_11g(n20)_Tx_Ch01<br>: ANT 2_BLE(2M)_Tx_Ch39 | Left blank |

| ANT | Ant 1 11n HT20 Ch01 + Ant 2 BLE 2M Ch39 - L | |
|---|---|---|
| **Simultaneously** | **Vertical** | **Fundamental** |
| **Peak** |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 6<br>: ANT 1_11g(n20)_Tx_Ch01<br>: ANT 2_BLE(2M)_Tx_Ch39 |  <br>Site : 03CH07-HY<br>Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 6<br>: ANT 1_11g(n20)_Tx_Ch01<br>: ANT 2_BLE(2M)_Tx_Ch39 |
| **Avg.** |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:1.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 6<br>: ANT 1_11g(n20)_Tx_Ch01<br>: ANT 2_BLE(2M)_Tx_Ch39 |  <br>Site : 03CH07-HY<br>Condition : AVG_54 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:1.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 6<br>: ANT 1_11g(n20)_Tx_Ch01<br>: ANT 2_BLE(2M)_Tx_Ch39 |

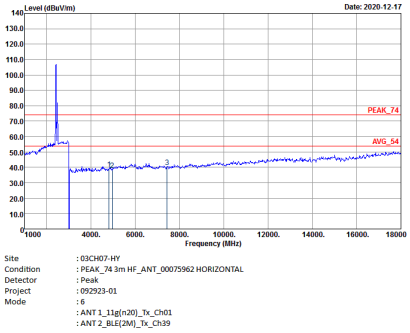
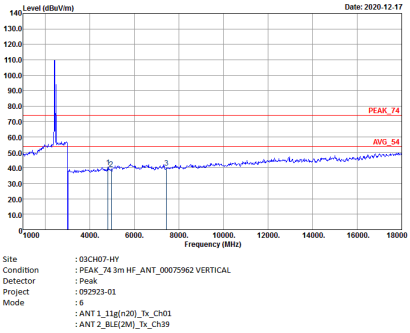
| ANT | Ant 1 11n HT20 Ch01 + Ant 2 BLE 2M Ch39 - R | |
|---|---|---|
| **Simultaneously** | **Vertical** | **Fundamental** |
| **Peak** |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 6<br>: ANT 1_11g(n20)_Tx_Ch01<br>: ANT 2_BLE(2M)_Tx_Ch39 | Left blank |
| **Avg.** |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:1.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 6<br>: ANT 1_11g(n20)_Tx_Ch01<br>: ANT 2_BLE(2M)_Tx_Ch39 | Left blank |

## 2.4GHz 2400~2483.5MHz (2344MHz IM3 @ 3m)

| ANT | Ant 1 11n HT20 Ch01 + Ant 2 BLE 2M Ch39 | |
|---|---|---|
| **Simultaneously** | **Horizontal** | **Fundamental** |
| **Peak** |  | Left blank |
| **Avg.** |  | Left blank |

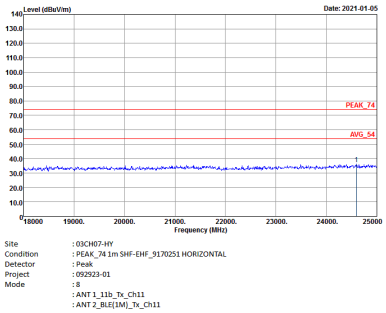
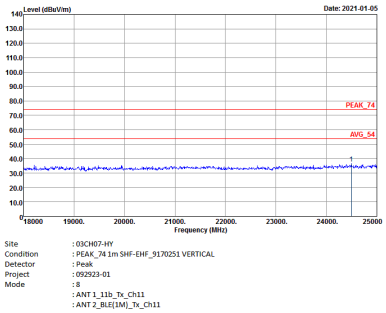
| ANT | Ant 1 11n HT20 Ch01 + Ant 2 BLE 2M Ch39 | |
|---|---|---|
| **Simultaneously** | **Vertical** | **Fundamental** |
| **Peak** |  <br>Site : 03CH07-HY<br>Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 6<br>: ANT 1_11g(n20)_Tx_Ch01<br>: ANT 2_BLE(2M)_Tx_Ch39 | Left blank |
| **Avg.** |  <br>Site : 03CH07-HY<br>Condition : AVG_54 3m HF_ANT_00075962 VERTICAL<br>: RBW:1000.000KHz VBW:1.000KHz SWT:Auto<br>Detector : Peak<br>Project : 092923-01<br>Mode : 6<br>: ANT 1_11g(n20)_Tx_Ch01<br>: ANT 2_BLE(2M)_Tx_Ch39 | Left blank |

## 2.4GHz 2400~2483.5MHz (Harmonic @ 3m)

| ANT | Ant 1 11n HT20 Ch01 + Ant 2 BLE 2M Ch39 | |
|---|---|---|
| Simultaneously | Horizontal | Vertical |
| Peak<br>Avg. |  |  |

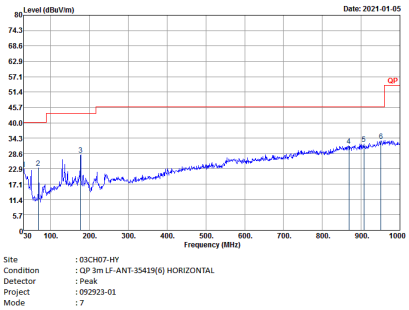
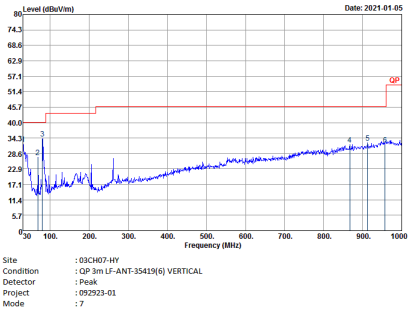
## Emission above 18GHz

## 2.4GHz 2400~2483.5MHz (SHF)

| ANT | Ant 1 11b Ch11 + Ant 2 BLE(1M) Ch11 | |
|---|---|---|
| Simultaneously | Horizontal | Vertical |
| Peak<br>Avg. |  |  |

## Emission below 1GHz

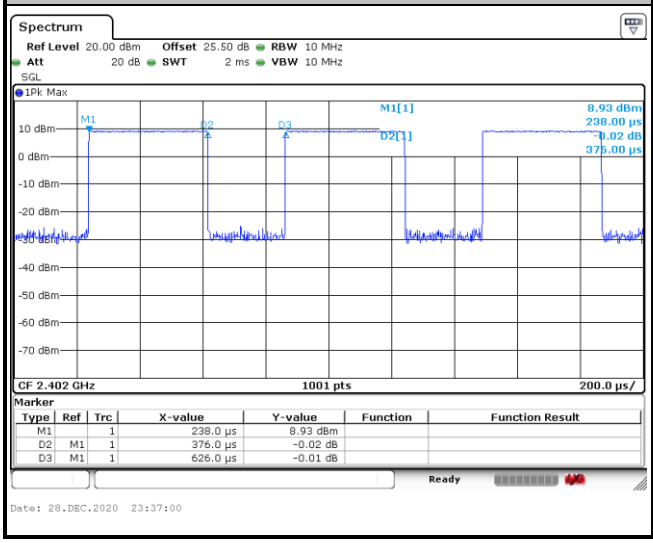
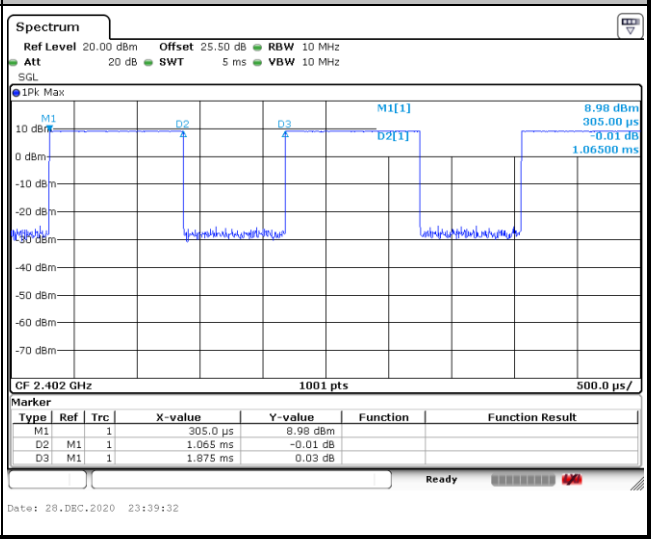
## 2.4GHz 2400~2483.5MHz (LF)

| ANT | Ant 1 11b Ch11 + Ant 2 BLE(1M) Ch11 | |
|---|---|---|
| Simultaneously | Horizontal | Vertical |
| QP / Peak |  |  |

# Appendix C. Duty Cycle Plots

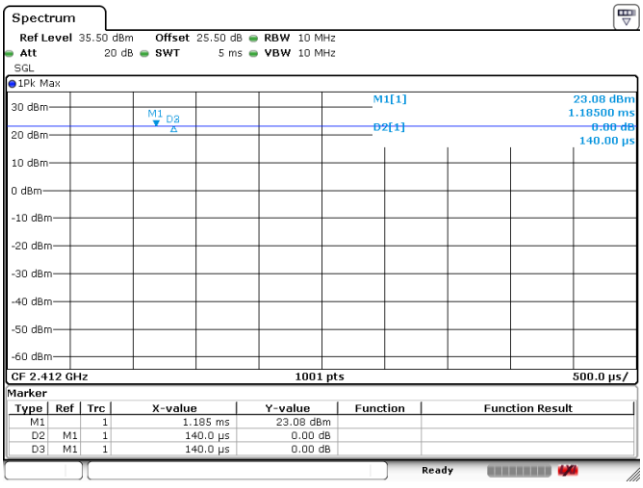
| Antenna | Band | Duty Cycle(%) | T(us) | 1/T(kHz) | VBW Setting | Duty Factor(dB) |
|---|---|---|---|---|---|---|
| 2 | Bluetooth – LE for 1Mbps | 60.06 | 376 | 2.66 | 3kHz | 2.21 |
| 2 | Bluetooth – LE for 2Mbps | 56.8 | 1065 | 0.94 | 1kHz | 2.46 |
| 1 | 802.11b | 100.00 | - | - | 10Hz | 0.00 |
| 1 | 802.11g | 100.00 | - | - | 10Hz | 0.00 |
| 1 | 2.4GHz 802.11n HT20 | 100.00 | - | - | 10Hz | 0.00 |

**<Ant. 2>**

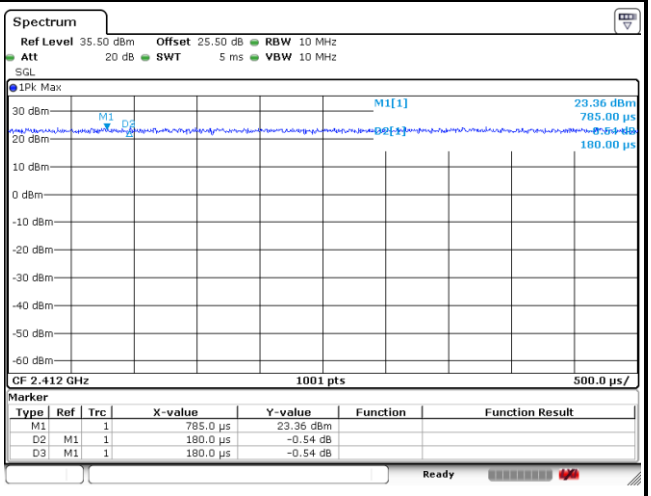
| Bluetooth – LE for 1Mbps | Bluetooth – LE for 2Mbps |
|---|---|
|  |  |

**<Ant. 1>**

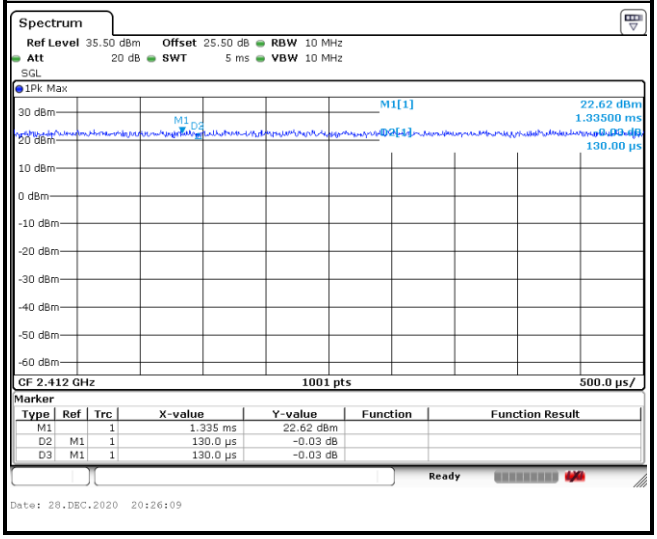
**802.11b**




**802.11g**




**802.11n HT20**




THE END