FCC CO-LOCATION RADIO TEST REPORT

FCC ID	:	**2A4DH-3967**
Equipment	:	**Digital Media Receiver**
Model Name	:	**GA5Z9L**
Applicant	:	**Amazon.com Services LLC** **410 Terry Avenue N, Seattle, WA 98109-5210 United States**
Standard	:	**FCC Part 15 Subpart E §15.407**

The product was received on Apr. 29, 2022 and testing was started from May 01, 2022 to Jun. 16, 2022. We, Sporton International Inc. Wensan Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. Wensan Laboratory, the test report shall not be reproduced except in full.

Louis Wu

Approved by: Louis Wu

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

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History of this test report

Report No.	Version	Description	Issued Date
FR211819-01F	01	Initial issue of report	Jul. 05, 2022

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)
3.1	15.407(b)	Unwanted Emissions	Pass
3.2	15.203 15.407(a)	Antenna Requirement	Pass

Declaration of Conformity:
1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers. It's means measurement values may risk exceeding the limit of regulation standards, if measurement uncertainty is include in test results. 2. The measurement uncertainty please refer to this report "Uncertainty of Evaluation".
Comments and Explanations:
The product specifications of the EUT presented in the report are declared by the manufacturer who shall take full responsibility for the authenticity.

Reviewed by: Alan Liu

Report Producer: Rachel Hsieh

1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
Equipment	Digital Media Receiver
Model Name	GA5Z9L
FCC ID	2A4DH-3967
EUT supports Radios application	WLAN 11b/g/n HT20 WLAN 11a/n HT20/HT40 WLAN 11ac VHT20/VHT40/VHT80 WLAN 11ax HE20/HE40/HE80 Bluetooth BR/EDR/LE

1.2 Product Specification of Equipment Under Test

Product Specification is subject to this standard	
Tx/Rx Frequency Range	2402 MHz ~ 2480 MHz 5180 MHz ~ 5240 MHz 5260 MHz ~ 5320 MHz 5500 MHz ~ 5720 MHz 5745 MHz ~ 5825 MHz 5925 MHz ~ 6425 MHz
Antenna Gain / Gain	**Bluetooth:** PCB Inv F Antenna with gain 3.34 dBi **WLAN** **<2412 MHz ~ 2472 MHz>** Ant. 0: PCB Inv F Antenna with gain 2.05 dBi Ant. 1: PCB Inv F Antenna with gain 3.01 dBi **<5180 MHz ~ 5240 MHz>** Ant. 0: PCB Inv F Antenna with gain 4.69 dBi Ant. 1: PCB Inv F Antenna with gain 5.75 dBi **<5260 MHz ~ 5320 MHz >** Ant. 0: PCB Inv F Antenna with gain 4.72 dBi Ant. 1: PCB Inv F Antenna with gain 5.14 dBi **<5500 MHz ~ 5720 MHz >** Ant. 0: PCB Inv F Antenna with gain 5.45 dBi Ant. 1: PCB Inv F Antenna with gain 5.58 dBi **<5745 MHz ~ 5825 MHz >** Ant. 0: PCB Inv F Antenna with gain 5.72 dBi Ant. 1: PCB Inv F Antenna with gain 5.62 dBi **<5925 MHz ~ 6425MHz >** Ant. 0: PCB Inv F Antenna with gain 6.64 dBi Ant. 1: PCB Inv F Antenna with gain 6.59 dBi

<table>
<tr><th colspan="2">Product Specification is subject to this standard</th></tr>
<tr><td>Type of Modulation</td><td>Bluetooth - LE: GFSK
802.11b: DSSS (DBPSK/DQPSK/CCK)
802.11a : OFDM (BPSK/QPSK/16QAM/64QAM)
802.11ax : OFDMA
(BPSK/QPSK/16QAM/64QAM/256QAM/1024QAM)</td></tr>
<tr><td>Antenna Function for Transmitter</td><td>
<table>
<tr><td></td><td>Ant. 0</td><td>Ant. 1</td><td>Ant. 2</td></tr>
<tr><td>Bluetooth-LE</td><td>-</td><td>-</td><td>V</td></tr>
<tr><td>802.11 b</td><td>V</td><td>V</td><td>-</td></tr>
<tr><td>802.11 a/ax MIMO</td><td>V</td><td>V</td><td>-</td></tr>
</table>
</td></tr>
</table>

Remark: MIMO Ant. 0+1 is a calculated result from sum of the power MIMO Ant. 0 and MIMO Ant. 1

1.3 Modification of EUT

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

1.4 Testing Location

<table>
<tr><td>Test Site</td><td>Sporton International Inc. Wensan Laboratory</td></tr>
<tr><td>Test Site Location</td><td>No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist.,
Taoyuan City 333010, Taiwan (R.O.C.)
TEL: +886-3-327-0868
FAX: +886-3-327-0855</td></tr>
<tr><td rowspan="2">Test Site No.</td><td>Sporton Site No.</td></tr>
<tr><td>03CH20-HY</td></tr>
</table>

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

FCC Designation No.: TW3786

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 E
- FCC Part 15 Subpart C §15.247
- FCC KDB Publication No. 558074 D01 DTS Meas. Guidance v05r02
- FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
- FCC KDB 414788 D01 Radiated Test Site v01r01.
- FCC KDB 662911 D01 Multiple Transmitter Output v02r01.
- 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 (1Mbps)					
Channel	Freq. (MHz)	Channel	Freq. (MHz)	Channel	Freq. (MHz)
0	2402	18	2438	37	2476
1	2404	19	2440	39	2480
9	2420	29	2460	-	-

2400-2483.5 MHz			
802.11b		802.11ax HE20	
Channel	Freq. (MHz)	Channel	Freq. (MHz)
1	2412	1	2412
3	2422	11	2462
8	2447	-	-
10	2457	-	-
11	2462	-	-

5150-5250MHz 802.11a		5250-5350MHz 802.11a		5470-5725 MHz 802.11a		5725-5850MHz 802.11a	
Channel	Freq. (MHz)	Channel	Freq. (MHz)	Channel	Freq. (MHz)	Channel	Freq. (MHz)
36	5180	64	5320	100	5500	165	5825
-	-	-	-	-	-	-	-

5925 ~ 6425MHz 802.11a	
Channel	Freq. (MHz)
1	5955

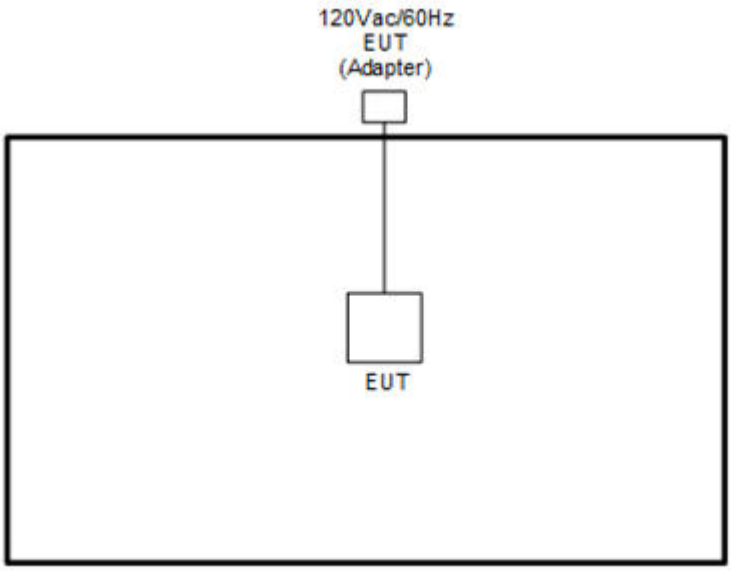
2.2 Test Mode

<Co-Location>

Modulation	Data Rate
WLAN 2.4GHz 802.11ax HE20 for Ant. 1 + Bluetooth-LE for Ant. 2	MCS0 + 1Mbps
802.11b for Ant. 1 + Bluetooth-LE for Ant. 2	1Mbps + 1Mbps
WLAN 5GHz 802.11a for MIMO <Ant. 0+1> + Bluetooth-LE for Ant. 2	MCS0 + 1Mbps
WLAN 5GHz 802.11a for Ant. 0 + 802.11b for Ant. 1	MCS0 + 1Mbps
WLAN 6GHz 802.11a for Ant. 0 + WLAN 5GHz 802.11a for Ant. 1	MCS0 + MCS0

Remark: For Radiated Test Cases, the tests were performed with AP19 CR Adapter.

2.3 Connection Diagram of Test System



2.4 EUT Operation Test Setup

The RF test items, utility “Compliance 1.0.1.13” 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 Unwanted Emissions Measurement

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

3.1.1 Limit of Unwanted Emissions

(1) For transmitters operating in the 5.725-5.85 GHz band:

15.407(b)(4)(i) All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

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

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

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

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

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

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

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

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

(4) For transmitters operating within the 5.925-7.125 GHz band: Any emissions outside of the 5.925-7.125 GHz band must not exceed an e.i.r.p. of −27 dBm/MHz.

EIRP (dBm)	Field Strength at 3m (dBμV/m)
- 27 (RMS)	68.3
- 7 (Peak)	88.3

According 987594 D02 U-NII 6GHz EMC Measurement v01 section G:

Unwanted emissions outside of restricted bands are measured with a RMS detector.

In addition, 15.35(b) applies where the peak emissions must be limited to no more than 20 dB above the average limit

3.1.2 Measuring Instruments

See list of measuring equipment of this test report.

3.1.3 Test Procedures

1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section G) Unwanted emissions measurement.

   (1) Procedure for Unwanted Emissions Measurements Below 1000 MHz

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

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

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

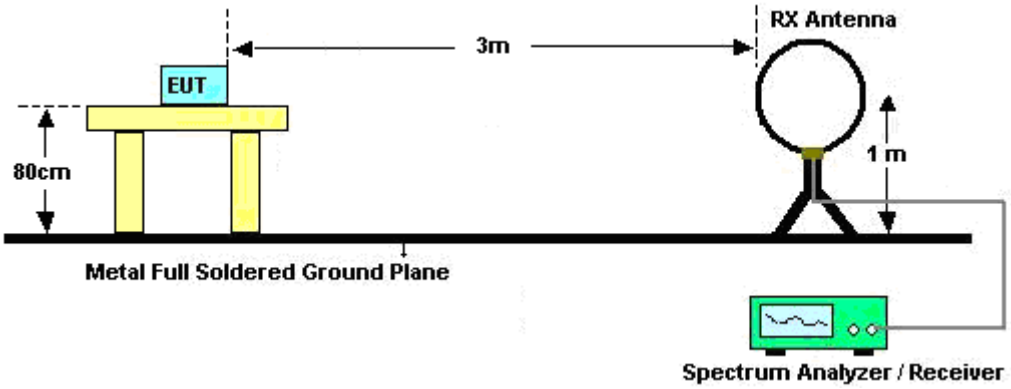
   (3) Procedures for Average Unwanted Emissions Measurements Above 1000 MHz

   - RBW = 1 MHz
   - VBW = 10 Hz, when duty cycle is no less than 98 percent.
   - VBW ≥ 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.
2. The EUT was placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
3. The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna and its height is adjusted between one meter and four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
5. For each suspected emission, the EUT was arranged to its worst case and then adjust the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.

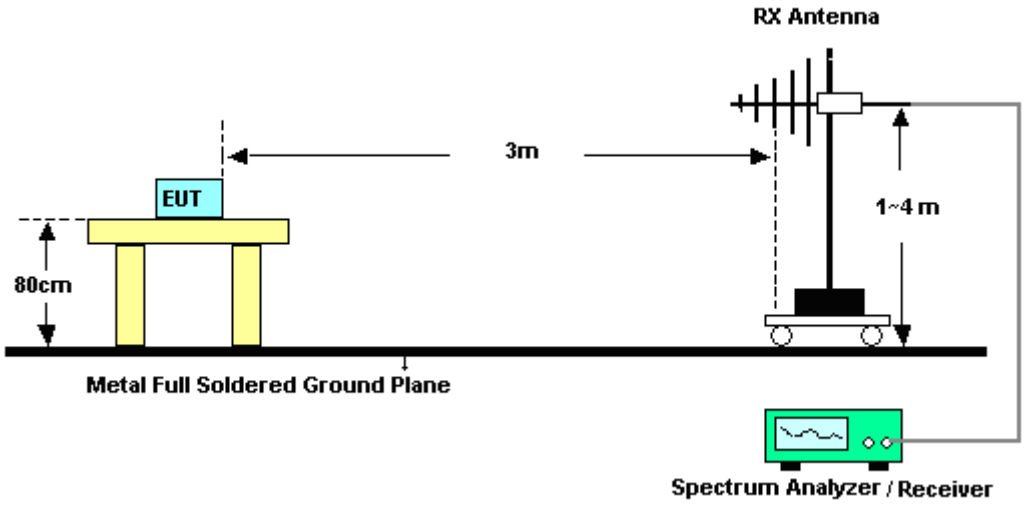
6. For testing below 1 GHz, if the emission level of the EUT in peak mode was 3 dB lower than the limit specified, then peak values of EUT will be reported, otherwise, the emissions will be repeated one by one using the CISPR quasi-peak method and reported.
7. For testing above 1 GHz, the emission level of the EUT in peak mode was 20 dB 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.

3.1.4 Test Setup

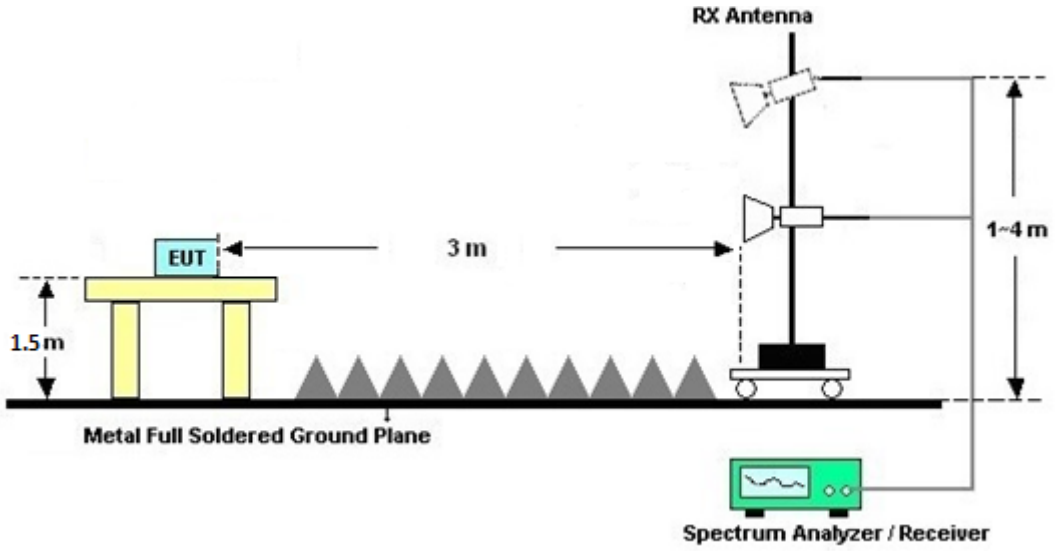
For radiated emissions below 30MHz



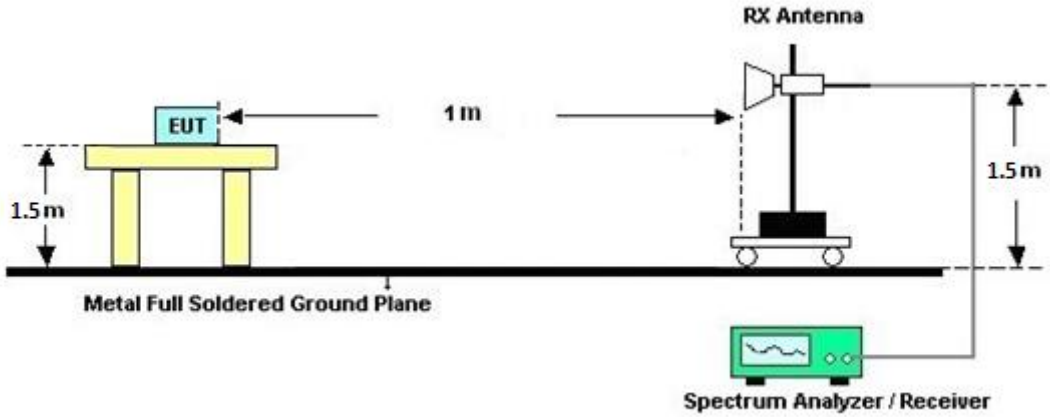
For radiated emissions from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



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

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

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

3.1.6 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 Emissions (30MHz ~ 10th Harmonic)

Please refer to Appendix A and B.

3.2 Antenna Requirements

3.2.1 Standard Applicable

< Bluetooth-LE, WLAN 2.4GHz and WLAN 5GHz>

If directional gain of transmitting antennas is greater than 6dBi, the power and the peak power spectral density 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.

<WLAN 6GHz>

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
EMI Test Receicver	Keysight	N9010B	MY60241055	10Hz~44GHz	Jul. 12, 2021	May 01, 2022~ Jun. 16, 2022	Jul. 11, 2022	Radiation (03CH20-HY)
Preamplifier	COM-POWER	PAM-103	18020201	1MHz-1000MHz	Jan. 03, 2022	May 01, 2022~ Jun. 16, 2022	Jan. 02, 2023	Radiation (03CH20-HY)
Amplifier	EMCI	EMC118A45SE	980792	N/A	Nov. 15, 2021	May 01, 2022~ Jun. 16, 2022	Nov. 14, 2022	Radiation (03CH20-HY)
Preamplifier	EMEC	EM18G40G	060715	18GHz~40GHz	Dec. 24, 2021	May 01, 2022~ Jun. 16, 2022	Dec. 23, 2022	Radiation (03CH20-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~30 MHz	Jan. 07, 2022	May 01, 2022~ Jun. 16, 2022	Jan. 06, 2023	Radiation (03CH20-HY)
Bilog Antenna	TESEQ	CBL 6111D&00802N1D01N-06	55606 & 08	30MHz~1GHz	Oct. 17, 2021	May 01, 2022~ Jun. 16, 2022	Oct. 16, 2022	Radiation (03CH20-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-02294	1GHz~18GHz	Jun. 23, 2021	May 01, 2022~ Jun. 16, 2022	Jun. 22, 2022	Radiation (03CH20-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA9170	00993	18GHz-40GHz	Nov. 30, 2021	May 01, 2022~ Jun. 16, 2022	Nov. 29, 2022	Radiation (03CH20-HY)
Hygrometer	TECPEL	DTM-303B	TP200879	N/A	Sep. 30, 2021	May 01, 2022~ Jun. 16, 2022	Sep. 29, 2022	Radiation (03CH20-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	519229/2,804015/2,804027/2	N/A	Jan. 19, 2022	May 01, 2022~ Jun. 16, 2022	Jan. 18, 2023	Radiation (03CH20-HY)
Software	Audix	E3 6.2009-8-24	RK-002156	N/A	N/A	May 01, 2022~ Jun. 16, 2022	N/A	Radiation (03CH20-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1m~4m	N/A	May 01, 2022~ Jun. 16, 2022	N/A	Radiation (03CH20-HY)
Turn Table	EMEC	TT2000	N/A	0~360 Degree	N/A	May 01, 2022~ Jun. 16, 2022	N/A	Radiation (03CH20-HY)
Controller	EMEC	EM1000	N/A	Control Turn table & Ant Mast	N/A	May 01, 2022~ Jun. 16, 2022	N/A	Radiation (03CH20-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))	**5.9 dBi**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**5.2 dBi**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**5.7 dBi**

Appendix A. Radiated Spurious Emission

Test Engineer :	Nick Yu and Bill Chang	Temperature :	19~21℃
		Relative Humidity :	61~65%

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

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Margin 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)
Mode 1 Ant 1 11ax HE20 Ch01 + Ant 2 BLE(1M) Ch00		2388.015	58.94	-15.06	74	49.28	27.25	8.65	36.27	373	227	P	H
		2390	48.76	-5.24	54	39.09	27.26	8.65	36.27	373	227	A	H
	*	2412	107.62	-	-	97.83	27.35	8.69	36.28	373	227	P	H
	*	2412	98.81	-	-	89.02	27.35	8.69	36.28	373	227	A	H
		2387.91	58.45	-15.55	74	48.79	27.25	8.65	36.27	100	334	P	V
		2390	48.17	-5.83	54	38.5	27.26	8.65	36.27	100	334	A	V
	*	2412	107.71	-	-	97.92	27.35	8.69	36.28	100	334	P	V
	*	2412	99.02	-	-	89.23	27.35	8.69	36.28	100	334	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

BLE (Band Edge @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBµV/m)	Margin 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)
Mode 1 Ant 1 11ax HE20 Ch01 + Ant 2 BLE(1M) Ch00		2388.015	58.94	-15.06	74	49.28	27.25	8.65	36.27	373	227	P	H
		2390	48.76	-5.24	54	39.09	27.26	8.65	36.27	373	227	A	H
	*	2402	102.98	-	-	93.25	27.31	8.67	36.28	373	227	P	H
	*	2402	96.16	-	-	86.43	27.31	8.67	36.28	373	227	A	H
		2387.91	58.45	-15.55	74	48.79	27.25	8.65	36.27	100	334	P	V
		2390	48.17	-5.83	54	38.5	27.26	8.65	36.27	100	334	A	V
	*	2402	105.94	-	-	96.21	27.31	8.67	36.28	100	334	P	V
	*	2402	100.54	-	-	90.81	27.31	8.67	36.28	100	334	A	V
Remark	1. No other spurious found. 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)	Margin 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)
Mode 2 Ant 1 11b Ch01 + Ant 2 BLE(1M) Ch18		2385.705	55.87	-18.13	74	46.23	27.24	8.64	36.27	380	244	P	H
		2386.02	50.19	-3.81	54	40.55	27.24	8.64	36.27	380	244	A	H
	*	2412	103.45	-	-	93.66	27.35	8.69	36.28	380	244	P	H
	*	2412	100.24	-	-	90.45	27.35	8.69	36.28	380	244	A	H
		2385.705	55.43	-18.57	74	45.79	27.24	8.64	36.27	114	329	P	V
		2386.02	49.47	-4.53	54	39.83	27.24	8.64	36.27	114	329	A	V
	*	2412	102.55	-	-	92.76	27.35	8.69	36.28	114	329	P	V
	*	2412	99.36	-	-	89.57	27.35	8.69	36.28	114	329	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

BLE (Band Edge @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBµV/m)	Margin 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)
Mode 2 Ant 1 11b Ch01 + Ant 2 BLE(1M) Ch18		2386.48	55.87	-18.13	74	46.21	27.25	8.65	36.27	380	244	P	H
		2386	50.5	-3.5	54	40.86	27.24	8.64	36.27	380	244	A	H
	*	2438	91.35	-	-	81.42	27.45	8.74	36.29	380	244	P	H
	*	2438	90.54	-	-	80.61	27.45	8.74	36.29	380	244	A	H
		2483.84	49.28	-24.72	74	39.09	27.64	8.83	36.31	380	244	P	H
		2489.92	39.62	-14.38	54	29.41	27.66	8.84	36.32	380	244	A	H
		2386	55.75	-18.25	74	46.11	27.24	8.64	36.27	114	329	P	V
		2386	49.85	-4.15	54	40.21	27.24	8.64	36.27	114	329	A	V
	*	2438	100.46	-	-	90.53	27.45	8.74	36.29	114	329	P	V
	*	2438	99.85	-	-	89.92	27.45	8.74	36.29	114	329	A	V
		2499.6	49.3	-24.7	74	39.03	27.7	8.86	36.32	114	329	P	V
		2495.2	39.43	-14.57	54	29.19	27.68	8.85	36.32	114	329	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBµV/m)	Margin 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)
Mode 2 Ant 1 11b Ch01 + Ant 2 BLE(1M) Ch18		2386	57.93	-16.07	74	48.29	27.24	8.64	36.27	380	244	P	H
		2386	51.37	-2.63	54	41.73	27.24	8.64	36.27	380	244	A	H
		2386	57.47	-16.53	74	47.83	27.24	8.64	36.27	114	329	P	V
		2386	50.78	-3.22	54	41.14	27.24	8.64	36.27	114	329	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Margin 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)
Mode 2 Ant 1 11b Ch01 + Ant 2 BLE(1M) Ch18		4824	44.39	-29.61	74	36.6	32.3	12.54	37.56	-	-	P	H
		4876	42.88	-31.12	74	34.88	32.56	12.52	37.6	-	-	P	H
		7314	47.69	-26.31	74	33.57	36.77	15.45	38.53	-	-	P	H
		10605	52.4	-21.6	74	36.07	38.81	18.74	41.72	-	-	P	H
		10605	40.49	-13.51	54	24.16	38.81	18.74	41.72	-	-	A	H
		13350	53.67	-20.33	74	35.17	39.9	21.28	43.16	-	-	P	H
		13350	42.67	-11.33	54	24.17	39.9	21.28	43.16	-	-	A	H
		17970	55.06	-18.94	74	34.17	41.59	24.19	45.45	-	-	P	H
		17970	46.16	-7.84	54	25.27	41.59	24.19	45.45	-	-	A	H
		4824	45.23	-28.77	74	37.44	32.3	12.54	37.56	-	-	P	V
		4876	42.46	-31.54	74	34.46	32.56	12.52	37.6	-	-	P	V
		7314	47.48	-26.52	74	33.36	36.77	15.45	38.53	-	-	P	V
		12655	52.48	-21.52	74	35.18	39.41	20.65	43.24	-	-	P	V
		12655	41.51	-12.49	54	24.21	39.41	20.65	43.24	-	-	A	V
		13290	53.07	-20.93	74	34.72	39.79	21.23	43.15	-	-	P	V
		13290	42.6	-11.4	54	24.25	39.79	21.23	43.15	-	-	A	V
		17970	55.23	-18.77	74	34.34	41.59	24.19	45.45	-	-	P	V
		17970	46.2	-7.8	54	25.31	41.59	24.19	45.45	-	-	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. 4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												

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

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Margin 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)
Mode 3 Ant 1 11b Ch03 + Ant 2 BLE(1M) Ch29		2383.84	51.71	-22.29	74	42.07	27.24	8.64	36.27	300	254	P	H
		2383.97	46.16	-7.84	54	36.52	27.24	8.64	36.27	300	254	A	H
	*	2422	101.01	-	-	91.17	27.39	8.71	36.29	300	254	P	H
	*	2422	97.75	-	-	87.91	27.39	8.71	36.29	300	254	A	H
		2384.36	52.04	-21.96	74	42.4	27.24	8.64	36.27	100	60	P	V
		2383.97	45.32	-8.68	54	35.68	27.24	8.64	36.27	100	60	A	V
	*	2422	99.18	-	-	89.34	27.39	8.71	36.29	100	60	P	V
	*	2422	95.91	-	-	86.07	27.39	8.71	36.29	100	60	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

BLE (Band Edge @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBµV/m)	Margin 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)
Mode 3 Ant 1 11b Ch03 + Ant 2 BLE(1M) Ch29		2384.4	51.69	-22.31	74	42.05	27.24	8.64	36.27	300	254	P	H
		2383.92	46.37	-7.63	54	36.73	27.24	8.64	36.27	300	254	A	H
	*	2460	84.49	-	-	74.44	27.54	8.78	36.3	300	254	P	H
	*	2460	83.22	-	-	73.17	27.54	8.78	36.3	300	254	A	H
		2498.48	49.18	-24.82	74	38.92	27.69	8.86	36.32	300	254	P	H
		2494.88	39.43	-14.57	54	29.19	27.68	8.85	36.32	300	254	A	H
		2384.24	51.13	-22.87	74	41.49	27.24	8.64	36.27	144	60	P	V
		2384.08	45.52	-8.48	54	35.88	27.24	8.64	36.27	144	60	A	V
	*	2460	97.5	-	-	87.45	27.54	8.78	36.3	144	60	P	V
	*	2460	96.89	-	-	86.84	27.54	8.78	36.3	144	60	A	V
		2491.04	49.26	-24.74	74	39.05	27.66	8.84	36.32	144	60	P	V
		2495.28	39.53	-14.47	54	29.29	27.68	8.85	36.32	144	60	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBµV/m)	Margin 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)
Mode 3 Ant 1 11b Ch03 + Ant 2 BLE(1M) Ch29		2384	55.76	-18.24	74	46.12	27.24	8.64	36.27	300	254	P	H
		2384	47.32	-6.68	54	37.68	27.24	8.64	36.27	300	254	A	H
		2384	54.12	-19.88	74	44.48	27.24	8.64	36.27	144	60	P	V
		2384	46.42	-7.58	54	36.78	27.24	8.64	36.27	144	60	A	V
Remark	1. No other spurious found. 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)	Margin 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)
Mode 4 Ant 1 11b Ch08 + Ant 2 BLE(1M) Ch01		2348.24	49.11	-24.89	74	39.65	27.1	8.58	36.25	300	25	P	H
		2362.16	39.02	-14.98	54	29.5	27.15	8.6	36.26	300	25	A	H
	*	2447	101.17	-	-	91.19	27.49	8.76	36.3	300	25	P	H
	*	2447	98.09	-	-	88.11	27.49	8.76	36.3	300	25	A	H
		2489.68	51.55	-22.45	74	41.34	27.66	8.84	36.32	300	25	P	H
		2490	44.83	-9.17	54	34.62	27.66	8.84	36.32	300	25	A	H
		2368.4	49.85	-24.15	74	40.3	27.17	8.61	36.26	378	90	P	V
		2388.72	38.84	-15.16	54	29.18	27.25	8.65	36.27	378	90	A	V
	*	2447	104.54	-	-	94.56	27.49	8.76	36.3	378	90	P	V
	*	2447	101.47	-	-	91.49	27.49	8.76	36.3	378	90	A	V
		2490	52.25	-21.75	74	42.04	27.66	8.84	36.32	378	90	P	V
		2490.08	44.94	-9.06	54	34.73	27.66	8.84	36.32	378	90	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

BLE (Band Edge @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBµV/m)	Margin 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)
Mode 4 Ant 1 11b Ch08 + Ant 2 BLE(1M) Ch01		2389.52	49.17	-24.83	74	39.5	27.26	8.65	36.27	300	25	P	H
		2359.44	39.43	-14.57	54	29.92	27.14	8.6	36.26	300	25	A	H
	*	2404	101.75	-	-	92	27.32	8.68	36.28	300	25	P	H
	*	2404	101.11	-	-	91.36	27.32	8.68	36.28	300	25	A	H
		2489.76	51.42	-22.58	74	41.21	27.66	8.84	36.32	300	25	P	H
		2490	45.04	-8.96	54	34.83	27.66	8.84	36.32	300	25	A	H
		2386.48	49.15	-24.85	74	39.49	27.25	8.65	36.27	378	90	P	V
		2385.52	39.55	-14.45	54	29.91	27.24	8.64	36.27	378	90	A	V
	*	2404	94.72	-	-	84.97	27.32	8.68	36.28	378	90	P	V
	*	2404	93.99	-	-	84.24	27.32	8.68	36.28	378	90	A	V
		2489.76	51.37	-22.63	74	41.16	27.66	8.84	36.32	378	90	P	V
		2489.92	45.36	-8.64	54	35.15	27.66	8.84	36.32	378	90	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBµV/m)	Margin 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)
Mode 4 Ant 1 11b Ch08 + Ant 2 BLE(1M) Ch01		2490	54	-20	74	43.79	27.66	8.84	36.32	300	25	P	H
		2490	45.8	-8.2	54	35.59	27.66	8.84	36.32	300	25	A	H
		2490	54.08	-19.92	74	43.87	27.66	8.84	36.32	378	90	P	V
		2490	46.1	-7.9	54	35.89	27.66	8.84	36.32	378	90	A	V
Remark	1. No other spurious found. 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)	Margin 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)
Mode 5 Ant 1 11b Ch10 + Ant 2 BLE(1M) Ch09	*	2457	102.03	-	-	91.99	27.53	8.78	36.3	300	25	P	H
	*	2457	98.91	-	-	88.87	27.53	8.78	36.3	300	25	A	H
		2494.36	52.57	-21.43	74	42.33	27.68	8.85	36.32	300	25	P	H
		2494.04	45.51	-8.49	54	35.27	27.68	8.85	36.32	300	25	A	H
	*	2457	104.84	-	-	94.8	27.53	8.78	36.3	380	77	P	V
	*	2457	101.69	-	-	91.65	27.53	8.78	36.3	380	77	A	V
		2494.24	52.54	-21.46	74	42.3	27.68	8.85	36.32	380	77	P	V
		2494.04	45.39	-8.61	54	35.15	27.68	8.85	36.32	380	77	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

BLE (Band Edge @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBµV/m)	Margin 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)
Mode 5 Ant 1 11b Ch10 + Ant 2 BLE(1M) Ch09		2388.72	49.1	-24.9	74	39.44	27.25	8.65	36.27	300	25	P	H
		2383.12	40.09	-13.91	54	30.46	27.23	8.64	36.27	300	25	A	H
	*	2420	101.22	-	-	91.38	27.38	8.71	36.28	300	25	P	H
	*	2420	100.64	-	-	90.8	27.38	8.71	36.28	300	25	A	H
		2494.32	51.86	-22.14	74	41.62	27.68	8.85	36.32	300	25	P	H
		2494	45.74	-8.26	54	35.5	27.68	8.85	36.32	300	25	A	H
		2382	49.06	-24.94	74	39.43	27.23	8.64	36.27	380	77	P	V
		2377.84	39.37	-14.63	54	29.77	27.21	8.63	36.27	380	77	A	V
	*	2420	88.3	-	-	78.46	27.38	8.71	36.28	380	77	P	V
	*	2420	86.57	-	-	76.73	27.38	8.71	36.28	380	77	A	V
		2494.72	52.43	-21.57	74	42.19	27.68	8.85	36.32	380	77	P	V
		2494	45.6	-8.4	54	35.36	27.68	8.85	36.32	380	77	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBµV/m)	Margin 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)
Mode 5 Ant 1 11b Ch10 + Ant 2 BLE(1M) Ch09		2494	54.41	-19.59	74	44.17	27.68	8.85	36.32	300	25	P	H
		2494	46.73	-7.27	54	36.49	27.68	8.85	36.32	300	25	A	H
		2494	55.35	-18.65	74	45.11	27.68	8.85	36.32	380	77	P	V
		2494	46.79	-7.21	54	36.55	27.68	8.85	36.32	380	77	A	V
Remark	1. No other spurious found. 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)	Margin 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)
Mode 6 Ant 1 11b Ch11 + Ant 2 BLE(1M) Ch39	*	2462	103.07	-	-	93	27.55	8.79	36.3	279	19	P	H
	*	2462	99.93	-	-	89.86	27.55	8.79	36.3	279	19	A	H
		2483.68	50.53	-23.47	74	40.35	27.63	8.83	36.31	279	19	P	H
		2483.52	42.48	-11.52	54	32.3	27.63	8.83	36.31	279	19	A	H
	*	2462	103.46	-	-	93.39	27.55	8.79	36.3	378	77	P	V
	*	2462	100.28	-	-	90.21	27.55	8.79	36.3	378	77	A	V
		2483.6	51.37	-22.63	74	41.19	27.63	8.83	36.31	378	77	P	V
		2483.52	43.27	-10.73	54	33.09	27.63	8.83	36.31	378	77	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

BLE (Band Edge @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBµV/m)	Margin 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)
Mode 6 Ant 1 11b Ch11 + Ant 2 BLE(1M) Ch39	*	2480	102.81	-	-	92.65	27.62	8.82	36.31	279	19	P	H
	*	2480	102.15	-	-	91.99	27.62	8.82	36.31	279	19	A	H
		2487	50.84	-23.16	74	40.63	27.65	8.84	36.31	279	19	P	H
		2483.6	42.94	-11.06	54	32.76	27.63	8.83	36.31	279	19	A	H
	*	2480	86.62	-	-	76.46	27.62	8.82	36.31	378	77	P	V
	*	2480	85.92	-	-	75.76	27.62	8.82	36.31	378	77	A	V
		2483.52	51.12	-22.88	74	40.94	27.63	8.83	36.31	378	77	P	V
		2483.52	43.43	-10.57	54	33.25	27.63	8.83	36.31	378	77	A	V
Remark	1. No other spurious found. 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)	Margin 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)
Mode 7 Ant 1 11ax HE20 Ch11 + Ant 2 BLE(1M) Ch39	*	2462	105.99	-	-	95.92	27.55	8.79	36.3	290	20	P	H
	*	2462	96.93	-	-	86.86	27.55	8.79	36.3	290	20	A	H
		2484	60.28	-13.72	74	50.09	27.64	8.83	36.31	290	20	P	H
		2483.52	47.61	-6.39	54	37.43	27.63	8.83	36.31	290	20	A	H
	*	2462	107.02	-	-	96.95	27.55	8.79	36.3	377	92	P	V
	*	2462	97.82	-	-	87.75	27.55	8.79	36.3	377	92	A	V
		2483.8	59.42	-14.58	74	49.23	27.64	8.83	36.31	377	92	P	V
		2483.52	48.61	-5.39	54	38.43	27.63	8.83	36.31	377	92	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

BLE (Band Edge @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBµV/m)	Margin 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)
Mode 7 Ant 1 11ax HE20 Ch11 + Ant 2 BLE(1M) Ch39	*	2480	102.59	-	-	92.43	27.62	8.82	36.31	290	20	P	H
	*	2480	102	-	-	91.84	27.62	8.82	36.31	290	20	A	H
		2483.92	57.73	-16.27	74	47.54	27.64	8.83	36.31	290	20	P	H
		2483.6	48.1	-5.9	54	37.92	27.63	8.83	36.31	290	20	A	H
	*	2480	82.79	-	-	72.63	27.62	8.82	36.31	377	92	P	V
	*	2480	70.02	-	-	59.86	27.62	8.82	36.31	377	92	A	V
		2483.92	59.15	-14.85	74	48.96	27.64	8.83	36.31	377	92	P	V
		2483.84	48.84	-5.16	54	38.65	27.64	8.83	36.31	377	92	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

5GHz 5150~5250MHz (Band Edge @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Margin 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)
Mode 8 Ant 0+1 11a Ch36 + Ant 2 BLE(1M) Ch39		5146.38	55.82	-18.18	74	47.13	33.1	12.75	37.74	250	313	P	H
		5150	47.98	-6.02	54	39.29	33.1	12.76	37.74	250	313	A	H
	*	5180	112.82	-	-	104.16	33.04	12.81	37.75	250	313	P	H
	*	5180	105.05	-	-	96.39	33.04	12.81	37.75	250	313	A	H
		5145.6	54.47	-19.53	74	45.78	33.1	12.75	37.74	276	358	P	V
		5150	46.77	-7.23	54	38.08	33.1	12.76	37.74	276	358	A	V
	*	5180	112.25	-	-	103.59	33.04	12.81	37.75	276	358	P	V
	*	5180	104.93	-	-	96.27	33.04	12.81	37.75	276	358	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

BLE (Band Edge @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBµV/m)	Margin 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)
Mode 8 Ant 0+1 11a Ch36 + Ant 2 BLE(1M) Ch39	*	2480	103.29	-	-	93.13	27.62	8.82	36.31	240	18	P	H
	*	2480	102.57	-	-	92.41	27.62	8.82	36.31	240	18	A	H
		2486.68	49.74	-24.26	74	39.54	27.65	8.83	36.31	240	18	P	H
		2483.72	39.99	-14.01	54	29.81	27.63	8.83	36.31	240	18	A	H
	*	2480	101.16	-	-	91	27.62	8.82	36.31	108	115	P	V
	*	2480	100.56	-	-	90.4	27.62	8.82	36.31	108	115	A	V
		2485.08	49.33	-24.67	74	39.14	27.64	8.83	36.31	108	115	P	V
		2484.52	39.72	-14.28	54	29.53	27.64	8.83	36.31	108	115	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

2.4GHz 2400~2483.5MHz, 5GHz 5150~5250MHz (Harmonic @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Margin 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)
Mode 8 Ant 0+1 11a Ch36 + Ant 2 BLE(1M) Ch39		4960	55.24	-18.76	74	46.78	33.02	12.49	37.66	229	60	P	H
		4960	47.73	-6.27	54	39.27	33.02	12.49	37.66	229	60	A	H
		7440	47.97	-26.03	74	33.81	36.22	15.5	38.63	-	-	P	H
		10360	56.19	-12.01	68.2	40.29	38.6	18.5	41.61	-	-	P	H
		12280	52.05	-21.95	74	35.51	39.12	20.28	43.18	-	-	P	H
		12280	40.64	-13.36	54	24.1	39.12	20.28	43.18	-	-	A	H
		13270	52.55	-21.45	74	34.45	39.77	21.21	43.15	-	-	P	H
		13270	42.33	-11.67	54	24.23	39.77	21.21	43.15	-	-	A	H
		15540	49.77	-24.23	74	33.47	37.98	22.84	44.78	247	355	P	H
		15540	41.43	-12.57	54	25.13	37.98	22.84	44.78	247	355	A	H
		17978	55.41	-18.59	74	34.54	41.65	24.2	45.45	-	-	P	H
		17978	45.97	-8.03	54	25.1	41.65	24.2	45.45	-	-	A	H
		4960	53.92	-20.08	74	45.46	33.02	12.49	37.66	301	332	P	V
		4960	45.68	-8.32	54	37.22	33.02	12.49	37.66	301	332	A	V
		7440	47.62	-26.38	74	33.46	36.22	15.5	38.63	-	-	P	V
		10360	57.31	-10.89	68.2	41.41	38.6	18.5	41.61	-	-	P	V
		12698	52.13	-21.87	74	34.86	39.5	20.69	43.22	-	-	P	V
		12698	41.39	-12.61	54	24.12	39.5	20.69	43.22	-	-	A	V
		13325	52.76	-21.24	74	34.54	39.85	21.26	43.16	-	-	P	V
		13325	42.49	-11.51	54	24.27	39.85	21.26	43.16	-	-	A	V
		15540	51.64	-22.36	74	35.34	37.98	22.84	44.78	217	341	P	V
		15540	41.98	-12.02	54	25.68	37.98	22.84	44.78	217	341	A	V
		17956	55.28	-18.72	74	34.58	41.49	24.18	45.44	-	-	P	V
		17956	45.92	-8.08	54	25.22	41.49	24.18	45.44	-	-	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. 4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												

5GHz 5150~5250MHz (Band Edge @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Margin 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)
Mode 9 Ant 0+1 11a Ch36 + Ant 2 BLE(1M) Ch19		5150	59.14	-14.86	74	50.45	33.1	12.76	37.74	261	310	P	H
		5149.76	49.21	-4.79	54	40.52	33.1	12.75	37.74	261	310	A	H
	*	5180	114.49	-	-	105.83	33.04	12.81	37.75	261	310	P	H
	*	5180	106.48	-	-	97.82	33.04	12.81	37.75	261	310	A	H
		5148.72	55.84	-18.16	74	47.15	33.1	12.75	37.74	302	6	P	V
		5150	47.64	-6.36	54	38.95	33.1	12.76	37.74	302	6	A	V
	*	5180	112.5	-	-	103.84	33.04	12.81	37.75	302	6	P	V
	*	5180	95.38	-	-	86.72	33.04	12.81	37.75	302	6	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

BLE (Band Edge @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBµV/m)	Margin 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)
Mode 9 Ant 0+1 11a Ch36 + Ant 2 BLE(1M) Ch19		2383.28	48.89	-25.11	74	39.26	27.23	8.64	36.27	241	34	P	H
		2385.36	38.99	-15.01	54	29.35	27.24	8.64	36.27	241	34	A	H
	*	2440	104.03	-	-	94.08	27.46	8.75	36.29	241	34	P	H
	*	2440	103.4	-	-	93.45	27.46	8.75	36.29	241	34	A	H
		2499.28	48.59	-25.41	74	38.32	27.7	8.86	36.32	241	34	P	H
		2484.08	39.39	-14.61	54	29.2	27.64	8.83	36.31	241	34	A	H
		2331.44	49.27	-24.73	74	39.84	27.1	8.55	36.25	110	130	P	V
		2372.56	38.96	-15.04	54	29.38	27.19	8.62	36.26	110	130	A	V
	*	2440	102.32	-	-	92.37	27.46	8.75	36.29	110	130	P	V
	*	2440	101.71	-	-	91.76	27.46	8.75	36.29	110	130	A	V
		2483.92	49.02	-24.98	74	38.83	27.64	8.83	36.31	110	130	P	V
		2489.76	39.39	-14.61	54	29.18	27.66	8.84	36.32	110	130	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

2.4GHz 2400~2483.5MHz, 5GHz 5150~5250MHz (Harmonic @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Margin 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)
Mode 9 Ant 0+1 11a Ch36 + Ant 2 BLE(1M) Ch19		4880	52.75	-21.25	74	44.72	32.58	12.52	37.6	249	63	P	H
		4880	47.26	-6.74	54	39.23	32.58	12.52	37.6	249	63	A	H
		7320	48.65	-25.35	74	33.87	36.76	15.46	38.53	400	35	P	H
		10360	56.47	-11.73	68.2	40.57	38.6	18.5	41.61	-	-	P	H
		12687	51.84	-22.16	74	34.62	39.47	20.68	43.23	-	-	P	H
		12687	41.49	-12.51	54	24.27	39.47	20.68	43.23	-	-	A	H
		13391	52.7	-21.3	74	34.32	39.98	21.31	43.17	-	-	P	H
		13391	42.61	-11.39	54	24.23	39.98	21.31	43.17	-	-	A	H
		15540	51.95	-22.05	74	35.65	37.98	22.84	44.78	299	155	P	H
		15540	43.3	-10.7	54	27	37.98	22.84	44.78	299	155	A	H
		17967	55.65	-18.35	74	34.87	41.57	24.19	45.45	-	-	P	H
		17967	46.48	-7.52	54	25.7	41.57	24.19	45.45	-	-	A	H
		4880	50.37	-23.63	74	42.34	32.58	12.52	37.6	302	331	P	V
		4880	43.98	-10.02	54	35.95	32.58	12.52	37.6	302	331	A	V
		7320	48.2	-25.8	74	33.42	36.76	15.46	38.53	100	164	P	V
		10360	56.63	-11.57	68.2	40.73	38.6	18.5	41.61	-	-	P	V
		12170	51.97	-22.03	74	35.4	39.2	20.17	43.12	-	-	P	V
		12170	41.37	-12.63	54	24.8	39.2	20.17	43.12	-	-	A	V
		13259	52.48	-21.52	74	34.4	39.76	21.2	43.15	-	-	P	V
		13259	42.2	-11.8	54	24.12	39.76	21.2	43.15	-	-	A	V
		15540	52.74	-21.26	74	36.44	37.98	22.84	44.78	150	1	P	V
		15540	43.77	-10.23	54	27.47	37.98	22.84	44.78	150	1	A	V
		17967	54.89	-19.11	74	34.11	41.57	24.19	45.45	-	-	P	V
		17967	45.8	-8.2	54	25.02	41.57	24.19	45.45	-	-	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. 4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												

5GHz 5250~5350MHz (Band Edge @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBµV/m)	Margin 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)
Mode 10 Ant 0+1 11a Ch64 + Ant 2 BLE(1M) Ch19	*	5320	113.1	-	-	104.46	32.88	13.1	37.81	240	296	P	H
	*	5320	105.46	-	-	96.82	32.88	13.1	37.81	240	296	A	H
		5350.08	59.52	-14.48	74	51.03	32.7	13.16	37.82	240	296	P	H
		5350.24	49.19	-4.81	54	40.7	32.7	13.16	37.82	240	296	A	H
	*	5320	108.9	-	-	100.26	32.88	13.1	37.81	322	15	P	V
	*	5320	101.27	-	-	92.63	32.88	13.1	37.81	322	15	A	V
		5354.72	53.74	-20.26	74	45.22	32.72	13.17	37.82	322	15	P	V
		5350.24	46.01	-7.99	54	37.52	32.7	13.16	37.82	322	15	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

BLE (Band Edge @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBµV/m)	Margin 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)
Mode 10 Ant 0+1 11a Ch64 + Ant 2 BLE(1M) Ch19		2367.12	48.79	-25.21	74	39.24	27.17	8.61	36.26	242	37	P	H
		2377.52	38.97	-15.03	54	29.37	27.21	8.63	36.27	242	37	A	H
	*	2440	103.96	-	-	94.01	27.46	8.75	36.29	242	37	P	H
	*	2440	103.38	-	-	93.43	27.46	8.75	36.29	242	37	A	H
		2487.36	48.68	-25.32	74	38.47	27.65	8.84	36.31	242	37	P	H
		2497.6	39.37	-14.63	54	29.11	27.69	8.86	36.32	242	37	A	H
		2312.88	48.72	-25.28	74	39.32	27.1	8.51	36.24	111	130	P	V
		2386.96	39.03	-14.97	54	29.37	27.25	8.65	36.27	111	130	A	V
	*	2440	102.55	-	-	92.6	27.46	8.75	36.29	111	130	P	V
	*	2440	101.87	-	-	91.92	27.46	8.75	36.29	111	130	A	V
		2494.8	48.78	-25.22	74	38.54	27.68	8.85	36.32	111	130	P	V
		2496.08	39.36	-14.64	54	29.12	27.68	8.85	36.32	111	130	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

2.4GHz 2400~2483.5MHz, 5GHz 5250~5350MHz (Harmonic @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Margin 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)
Mode 10 Ant 0+1 11a Ch64 + Ant 2 BLE(1M) Ch19		4880	52.71	-21.29	74	44.68	32.58	12.52	37.6	250	63	P	H
		4880	47.22	-6.78	54	39.19	32.58	12.52	37.6	250	63	A	H
		7320	48.23	-25.77	74	33.45	36.76	15.46	38.53	400	35	P	H
		7320	39.03	-14.97	54	24.25	36.76	15.46	38.53	400	35	A	H
		10640	57.4	-16.6	74	41.09	38.84	18.78	41.72	200	259	P	H
		10640	48.71	-5.29	54	32.4	38.84	18.78	41.72	200	259	A	H
		13399	52.38	-21.62	74	33.97	40	21.32	43.17	-	-	P	H
		13399	42.48	-11.52	54	24.07	40	21.32	43.17	-	-	A	H
		15960	49.9	-24.1	74	33.4	37.52	23.11	44.38	400	132	P	H
		15960	41.53	-12.47	54	25.03	37.52	23.11	44.38	400	132	A	H
		17989	55.36	-18.64	74	34.43	41.72	24.2	45.46	-	-	P	H
		17989	46.32	-7.68	54	25.39	41.72	24.2	45.46	-	-	A	H
		4880	50.44	-23.56	74	42.41	32.58	12.52	37.6	302	330	P	V
		4880	44.05	-9.95	54	36.02	32.58	12.52	37.6	302	330	A	V
		7320	49.52	-24.48	74	34.74	36.76	15.46	38.53	100	165	P	V
		7320	40.33	-13.67	54	25.55	36.76	15.46	38.53	100	165	A	V
		10640	57.87	-16.13	74	41.56	38.84	18.78	41.72	198	23	P	V
		10640	49.56	-4.44	54	33.25	38.84	18.78	41.72	198	23	A	V
		13391	53.35	-20.65	74	34.97	39.98	21.31	43.17	-	-	P	V
		13391	43.21	-10.79	54	24.83	39.98	21.31	43.17	-	-	A	V
		15960	50.43	-23.57	74	33.93	37.52	23.11	44.38	200	104	P	V
		15960	41.84	-12.16	54	25.34	37.52	23.11	44.38	200	104	A	V
		17945	56.34	-17.66	74	35.71	41.41	24.18	45.43	-	-	P	V
		17945	46.96	-7.04	54	26.33	41.41	24.18	45.43	-	-	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. 4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												

5GHz 5470~5725MHz (Band Edge @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBµV/m)	Margin 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)
Mode 11 Ant 0+1 11a Ch100 + Ant 2 BLE(1M) Ch19		5455.28	59.15	-14.85	74	50.28	32.91	13.33	37.85	246	292	P	H
		5469.68	60.65	-7.55	68.2	51.72	32.94	13.35	37.86	246	292	P	H
		5460	48.9	-5.1	54	40.01	32.92	13.34	37.86	246	292	P	H
	*	5500	115.06	-	-	106.01	33	13.39	37.87	246	292	P	H
	*	5500	107.99	-	-	98.94	33	13.39	37.87	246	292	P	H
		5459.92	53.62	-20.38	74	44.73	32.92	13.34	37.86	367	334	P	V
		5468.4	55.29	-12.91	68.2	46.36	32.94	13.35	37.86	367	334	P	V
		5460	45.55	-8.45	54	36.66	32.92	13.34	37.86	367	334	P	V
	*	5500	110.48	-	-	101.43	33	13.39	37.87	367	334	P	V
	*	5500	104.59	-	-	95.54	33	13.39	37.87	367	334	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

BLE (Band Edge @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBµV/m)	Margin 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)
Mode 11 Ant 0+1 11a Ch100 + Ant 2 BLE(1M) Ch19		2354.48	49.18	-24.82	74	39.7	27.12	8.59	36.26	241	34	P	H
		2385.36	38.88	-15.12	54	29.24	27.24	8.64	36.27	241	34	A	H
	*	2440	103.89	-	-	93.94	27.46	8.75	36.29	241	34	P	H
	*	2440	103.37	-	-	93.42	27.46	8.75	36.29	241	34	A	H
		2496.48	49.49	-24.51	74	39.24	27.69	8.85	36.32	241	34	P	H
		2490.56	39.32	-14.68	54	29.11	27.66	8.84	36.32	241	34	A	H
		2381.36	48.95	-25.05	74	39.32	27.23	8.64	36.27	110	129	P	V
		2358.32	39.02	-14.98	54	29.53	27.13	8.59	36.26	110	129	A	V
	*	2440	102.4	-	-	92.45	27.46	8.75	36.29	110	129	P	V
	*	2440	101.74	-	-	91.79	27.46	8.75	36.29	110	129	A	V
		2499.68	48.91	-25.09	74	38.64	27.7	8.86	36.32	110	129	P	V
		2485.68	39.34	-14.66	54	29.15	27.64	8.83	36.31	110	129	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

2.4GHz 2400~2483.5MHz, 5GHz 5470~5725MHz (Harmonic @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Margin 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)
Mode 11 Ant 0+1 11a Ch100 + Ant 2 BLE(1M) Ch19		4882	52.79	-21.21	74	44.75	32.59	12.52	37.6	250	64	P	H
		4882	47.41	-6.59	54	39.37	32.59	12.52	37.6	250	64	A	H
		7319	48.41	-25.59	74	33.63	36.76	15.46	38.53	400	35	P	H
		7319	39.3	-14.7	54	24.52	36.76	15.46	38.53	400	35	A	H
		11000	60.48	-13.52	74	43.89	38.7	19.13	41.66	189	40	P	H
		11000	50.96	-3.04	54	34.37	38.7	19.13	41.66	189	40	A	H
		13251	52.55	-21.45	74	34.48	39.75	21.2	43.15	-	-	P	H
		13251	42.11	-11.89	54	24.04	39.75	21.2	43.15	-	-	A	H
		16500	50.9	-17.3	68.2	33.36	38.2	23.36	44.38	-	-	P	H
		17967	55.28	-18.72	74	34.5	41.57	24.19	45.45	-	-	P	H
		17967	46.22	-7.78	54	25.44	41.57	24.19	45.45	-	-	A	H
		4880	50.29	-23.71	74	42.26	32.58	12.52	37.6	302	330	P	V
		4880	44.05	-9.95	54	36.02	32.58	12.52	37.6	302	330	A	V
		7320	48.67	-25.33	74	33.89	36.76	15.46	38.53	100	164	P	V
		7320	40.03	-13.97	54	25.25	36.76	15.46	38.53	100	164	A	V
		11000	57.17	-16.83	74	40.58	38.7	19.13	41.66	344	352	P	V
		11000	48.7	-5.3	54	32.11	38.7	19.13	41.66	344	352	A	V
		13336	52.62	-21.38	74	34.37	39.87	21.27	43.16	-	-	P	V
		13336	42.56	-11.44	54	24.31	39.87	21.27	43.16	-	-	A	V
		16500	50.45	-17.75	68.2	32.91	38.2	23.36	44.38	-	-	P	V
		17978	55.42	-18.58	74	34.55	41.65	24.2	45.45	-	-	P	V
		17978	46.64	-7.36	54	25.77	41.65	24.2	45.45	-	-	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. 4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												

5GHz 5725~5850MHz (Band Edge @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBµV/m)	Margin 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)
Mode 12 Ant 0+1 11a Ch165 + Ant 2 BLE(1M) Ch37	*	5825	115.98	-	-	105.78	34.05	13.64	37.94	248	258	P	H
	*	5825	107.83	-	-	97.63	34.05	13.64	37.94	248	258	A	H
		5851.395	65.76	-53.26	119.02	55.47	34.1	13.68	37.95	248	258	P	H
		5856.11	63.69	-46.8	110.49	53.38	34.11	13.69	37.95	248	258	P	H
		5875.38	60.87	-44.05	104.92	50.49	34.15	13.72	37.95	248	258	P	H
		5928.27	54.38	-13.82	68.2	43.8	34.26	13.81	37.96	248	258	P	H
	*	5825	110.1	-	-	100.35	34.05	13.64	37.94	260	327	P	V
	*	5825	102.89	-	-	93.14	34.05	13.64	37.94	260	327	A	V
		5851.75	60.46	-57.75	118.21	50.63	34.1	13.68	37.95	260	327	P	V
		5856.5	58.51	-51.87	110.38	48.66	34.11	13.69	37.95	260	327	P	V
		5876	53.27	-51.19	104.46	43.35	34.15	13.72	37.95	260	327	P	V
		5934.5	49.86	-18.34	68.2	39.74	34.27	13.82	37.97	260	327	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

BLE (Band Edge @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBµV/m)	Margin 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)
Mode 12 Ant 0+1 11a Ch165 + Ant 2 BLE(1M) Ch37	*	2476	103.25	-	-	93.12	27.6	8.81	36.31	347	14	P	H
	*	2476	102.58	-	-	92.45	27.6	8.81	36.31	347	14	A	H
		2497.96	49.12	-24.88	74	38.86	27.69	8.86	36.32	347	14	P	H
		2485.36	39.51	-14.49	54	29.32	27.64	8.83	36.31	347	14	A	H
	*	2476	101.24	-	-	91.11	27.6	8.81	36.31	100	129	P	H
	*	2476	100.7	-	-	90.57	27.6	8.81	36.31	100	129	A	H
		2494.72	48.99	-25.01	74	38.75	27.68	8.85	36.32	100	129	P	V
		2496.08	39.53	-14.47	54	29.29	27.68	8.85	36.32	100	129	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

2.4GHz 2400~2483.5MHz, 5GHz 5725~5850MHz (Harmonic @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Margin 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)
Mode 12 Ant 0+1 11a Ch165 + Ant 2 BLE(1M) Ch37		4952	48.47	-25.53	74	40.03	33	12.49	37.65	229	61	P	H
		4952	38.68	-15.32	54	30.24	33	12.49	37.65	229	61	A	H
		7428	47.69	-26.31	74	33.47	36.24	15.52	38.62	-	-	P	H
		11650	58.42	-15.58	74	42.48	38.65	19.7	42.77	199	114	P	H
		11650	48.41	-5.59	54	32.47	38.65	19.7	42.77	199	114	A	H
		12225	51.78	-22.22	74	35.22	39.17	20.22	43.15	-	-	P	H
		12225	40.78	-13.22	54	24.22	39.17	20.22	43.15	-	-	A	H
		13325	52.65	-21.35	74	34.43	39.85	21.26	43.16	-	-	P	H
		13325	42.37	-11.63	54	24.15	39.85	21.26	43.16	-	-	A	H
		17475	51.13	-17.07	68.2	33.48	38.38	23.88	45.08	-	-	P	H
		17967	55.35	-18.65	74	34.57	41.57	24.19	45.45	-	-	P	H
		17967	46.02	-7.98	54	25.24	41.57	24.19	45.45	-	-	A	H
		4952	49.03	-24.97	74	40.59	33	12.49	37.65	303	332	P	V
		4952	37.86	-16.14	54	29.42	33	12.49	37.65	303	332	A	V
		7428	47.91	-26.09	74	33.69	36.24	15.52	38.62	-	-	P	V
		11650	59.51	-14.49	74	43.57	38.65	19.7	42.77	198	143	P	V
		11650	48.88	-5.12	54	32.94	38.65	19.7	42.77	198	143	A	V
		12687	51.68	-22.32	74	34.46	39.47	20.68	43.23	-	-	P	V
		12687	41.35	-12.65	54	24.13	39.47	20.68	43.23	-	-	A	V
		13391	53.4	-20.6	74	35.02	39.98	21.31	43.17	-	-	P	V
		13391	42.6	-11.4	54	24.22	39.98	21.31	43.17	-	-	A	V
		17475	51.18	-17.02	68.2	33.53	38.38	23.88	45.08	-	-	P	V
		17978	55.11	-18.89	74	34.24	41.65	24.2	45.45	-	-	P	V
		17978	46.07	-7.93	54	25.2	41.65	24.2	45.45	-	-	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. 4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												

5GHz 5150~5250MHz (Band Edge @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Margin 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)
Mode 13 Ant 0 11a Ch36 + Ant 1 11b Ch11		5141.7	58.12	-15.88	74	49.44	33.1	12.74	37.74	239	56	P	H
		5147.94	49.11	-4.89	54	40.42	33.1	12.75	37.74	239	56	A	H
	*	5180	111.97	-	-	103.31	33.04	12.81	37.75	239	56	P	H
	*	5180	104.62	-	-	95.96	33.04	12.81	37.75	239	56	A	H
		5142.22	54.44	-19.56	74	45.76	33.1	12.74	37.74	399	325	P	V
		5147.68	45.66	-8.34	54	36.97	33.1	12.75	37.74	399	325	A	V
	*	5180	108.1	-	-	99.44	33.04	12.81	37.75	399	325	P	V
	*	5180	99.75	-	-	91.09	33.04	12.81	37.75	399	325	A	V
Remark	1. No other spurious found. 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)	Margin 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)
Mode 13 Ant 0 11a Ch36 + Ant 1 11b Ch11		2385.39	55.38	-18.62	74	45.74	27.24	8.64	36.27	375	246	P	H
		2385.495	49.32	-4.68	54	39.68	27.24	8.64	36.27	375	246	A	H
	*	2412	103.58	-	-	93.79	27.35	8.69	36.28	375	246	P	H
	*	2412	100.42	-	-	90.63	27.35	8.69	36.28	375	246	A	H
		2386.125	55.23	-18.77	74	45.58	27.24	8.65	36.27	100	310	P	V
		2385.915	49.37	-4.63	54	39.73	27.24	8.64	36.27	100	310	A	V
	*	2412	101.45	-	-	91.66	27.35	8.69	36.28	100	310	P	V
	*	2412	98.24	-	-	88.45	27.35	8.69	36.28	100	310	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

2.4GHz 2400~2483.5MHz, 5GHz 5725~5850MHz (Harmonic @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Margin 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)
Mode 13 Ant 0 11a Ch36 + Ant 1 11b Ch11		4824	51.27	-22.73	74	43.52	32.3	12.54	37.56	243	59	P	H
		4824	46.02	-7.98	54	38.27	32.3	12.54	37.56	243	59	A	H
		10360	50.27	-17.93	68.2	34.37	38.6	18.5	41.61	-	-	P	H
		13336	52.23	-21.77	74	33.98	39.87	21.27	43.16	-	-	P	H
		13336	42.58	-11.42	54	24.33	39.87	21.27	43.16	-	-	A	H
		14480	52.37	-21.63	74	34.29	39.88	22.14	44.19	-	-	P	H
		14480	42.35	-11.65	54	24.27	39.88	22.14	44.19	-	-	A	H
		15540	51.18	-22.82	74	34.88	37.98	22.84	44.78	252	147	P	H
		15540	42.28	-11.72	54	25.98	37.98	22.84	44.78	252	147	A	H
		17934	54.99	-19.01	74	34.43	41.34	24.17	45.42	-	-	P	H
		17934	46.68	-7.32	54	26.12	41.34	24.17	45.42	-	-	A	H
		4824	49.86	-24.14	74	42.11	32.3	12.54	37.56	100	181	P	V
		4824	42.86	-11.14	54	35.11	32.3	12.54	37.56	100	181	A	V
		10360	49.58	-18.62	68.2	33.68	38.6	18.5	41.61	-	-	P	V
		13314	52.63	-21.37	74	34.44	39.83	21.25	43.16	-	-	P	V
		13314	42.52	-11.48	54	24.33	39.83	21.25	43.16	-	-	A	V
		14491	52.65	-21.35	74	34.55	39.89	22.15	44.19	-	-	P	V
		14491	42.29	-11.71	54	24.19	39.89	22.15	44.19	-	-	A	V
		15540	50.49	-23.51	74	34.19	37.98	22.84	44.78	153	8	P	V
		15540	41.16	-12.84	54	24.86	37.98	22.84	44.78	153	8	A	V
		17967	54.6	-19.4	74	33.82	41.57	24.19	45.45	-	-	P	V
		17967	46.21	-7.79	54	25.43	41.57	24.19	45.45	-	-	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. 4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												

6GHz 5925~6425MHz (Band Edge @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBµV/m)	Margin 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)
Mode 14 Ant 0 11a Ch01 + Ant 1 11a Ch36		5914.88	52.09	-36.11	88.2	42.04	34.23	13.78	37.96	246	271	P	H
		5924.68	42.67	-25.53	68.2	32.58	34.25	13.8	37.96	246	271	A	H
	*	5955	105.16	-	-	95	34.28	13.85	37.97	246	271	P	H
	*	5955	97.05	-	-	86.89	34.28	13.85	37.97	246	271	A	H
		5923.42	49.94	-38.26	88.2	39.85	34.25	13.8	37.96	359	58	P	V
		5922.44	39.91	-28.29	68.2	29.83	34.24	13.8	37.96	359	58	A	V
	*	5955	98.18	-	-	88.02	34.28	13.85	37.97	359	58	P	V
	*	5955	89.88	-	-	79.72	34.28	13.85	37.97	359	58	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

5GHz 5150~5250MHz (Band Edge @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBµV/m)	Margin 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)
Mode 14 Ant 0 11a Ch01 + Ant 1 11a Ch36		5150	57.49	-16.51	74	48.8	33.1	12.76	37.74	242	54	P	H
		5150	49.26	-4.74	54	40.57	33.1	12.76	37.74	242	54	A	H
	*	5180	112.41	-	-	103.75	33.04	12.81	37.75	242	54	P	H
	*	5180	104.89	-	-	96.23	33.04	12.81	37.75	242	54	A	H
		5143.52	54.42	-19.58	74	45.74	33.1	12.74	37.74	355	333	P	V
		5150	45.83	-8.17	54	37.14	33.1	12.76	37.74	355	333	A	V
	*	5180	108.49	-	-	99.83	33.04	12.81	37.75	355	333	P	V
	*	5180	100.19	-	-	91.53	33.04	12.81	37.75	355	333	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

6GHz 5925~6425MHz, 5GHz 5150~5250MHz (Harmonic @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBµV/m)	Margin 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)
Mode 14 Ant 0 11a Ch01 + Ant 1 11a Ch36		3630	44.57	-29.43	74	41.21	29.56	10.74	36.94	-	-	P	H
		4406	45.3	-22.9	68.2	39.37	31.6	11.63	37.3	-	-	P	H
		6730	50.93	-17.27	68.2	38.25	35.84	14.83	37.99	-	-	P	H
		10360	54.01	-14.19	68.2	38.49	38.6	18.5	41.61	-	-	P	H
		11910	49.43	-24.57	74	33.54	38.91	19.92	42.96	200	95	P	H
		11910	40.83	-13.17	54	24.94	38.91	19.92	42.96	200	95	A	H
		15540	50.92	-23.08	74	34.84	37.98	22.84	44.78	201	199	P	H
		15540	42.36	-11.64	54	26.28	37.98	22.84	44.78	201	199	A	H
		17865	52.9	-21.1	74	33.31	40.78	24.12	45.37	398	318	P	H
		17865	44.19	-9.81	54	24.6	40.78	24.12	45.37	398	318	A	H
		38658	52.06	-21.94	74	40	43.1	35.41	56.91	-	-	P	H
		38658	41.45	-12.55	54	29.39	43.1	35.41	56.91	-	-	A	H
		3630	43.78	-30.22	74	40.42	29.56	10.74	36.94	-	-	P	V
		4405	46.35	-21.85	68.2	40.42	31.6	11.63	37.3	-	-	P	V
		6730	50.99	-17.21	68.2	38.31	35.84	14.83	37.99	-	-	P	V
		10360	54.22	-13.98	68.2	38.7	38.6	18.5	41.61	-	-	P	V
		11910	49.96	-24.04	74	34.07	38.91	19.92	42.96	202	304	P	V
		11910	40.82	-13.18	54	24.93	38.91	19.92	42.96	202	304	A	V
		15540	50.43	-23.57	74	34.35	37.98	22.84	44.78	199	2	P	V
		15540	41.97	-12.03	54	25.89	37.98	22.84	44.78	199	2	A	V
		17865	53.48	-20.52	74	33.89	40.78	24.12	45.37	100	123	P	V
		17865	44.48	-9.52	54	24.89	40.78	24.12	45.37	100	123	A	V
		38768	51.81	-22.19	74	39.67	43.1	35.42	56.84	-	-	P	V
		38768	41.27	-12.73	54	29.13	43.1	35.42	56.84	-	-	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. 4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												

Emission above 18GHz

2.4GHz 2400~2483.5MHz (SHF)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBµV/m)	Margin 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)
Mode 2 Ant 0 11b Ch01 + Ant 2 BLE(1M) Ch18		39538	52.92	-21.08	74	38.3	44.67	35.75	56.26	-	-	P	H
		39538	42.46	-11.54	54	27.84	44.67	35.75	56.26	-	-	P	H
		39450	51.84	-22.16	74	37.36	44.66	35.7	56.34	-	-	P	V
		39450	42.13	-11.87	54	27.65	44.66	35.7	56.34	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												

Emission below 1GHz

2.4GHz 2400~2483.5MHz (LF)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Margin 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)
Mode 2 Ant 0 11b Ch01 + Ant 2 BLE(1M) Ch18		146.4	32.69	-10.81	43.5	48.32	17.36	2.35	35.47	-	-	P	H
		199.75	28.32	-15.18	43.5	46.02	14.88	2.7	35.38	-	-	P	H
		600.36	31.09	-14.91	46	35.26	25.47	4.53	34.38	-	-	P	H
		746.83	37.46	-8.54	46	38.39	27.67	5	33.75	-	-	P	H
		800.18	34.24	-11.76	46	34.94	27.61	5.16	33.69	-	-	P	H
		958.29	34.56	-11.44	46	30.98	30.69	5.62	32.96	-	-	P	H
		30	29.82	-10.18	40	39.81	24.37	1.17	35.66	-	-	P	V
		142.52	31.63	-11.87	43.5	47.22	17.44	2.33	35.49	-	-	P	V
		199.75	32.99	-10.51	43.5	50.69	14.88	2.7	35.38	-	-	P	V
		600.36	37.86	-8.14	46	42.03	25.47	4.53	34.38	-	-	P	V
		852.56	33.74	-12.26	46	32.59	28.81	5.33	33.32	-	-	P	V
		958.29	35.02	-10.98	46	31.44	30.69	5.62	32.96	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found and emission level has at least 6dB margin against limit or emission is noise floor only.												

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 **Margin 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. / Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Margin 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)
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. Margin 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. Margin 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. Margin 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".

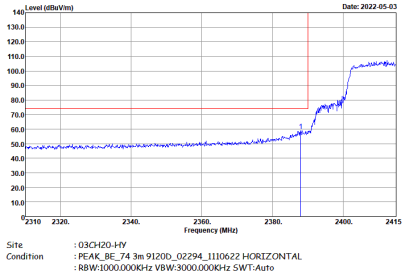
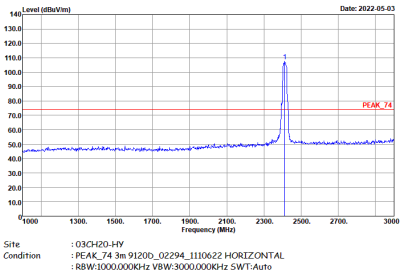
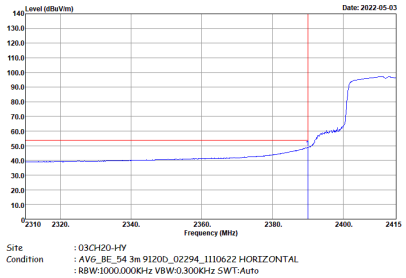
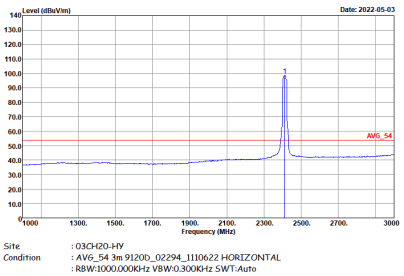
Appendix B. Radiated Spurious Emission Plots

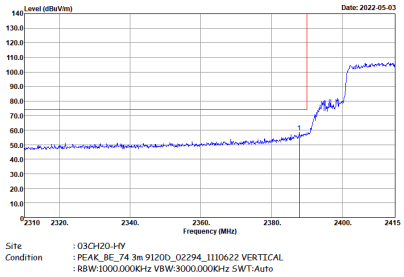
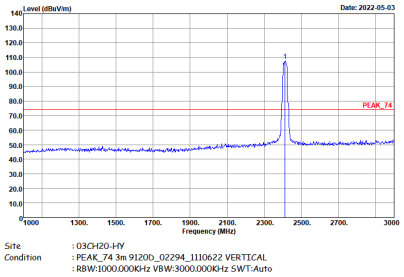
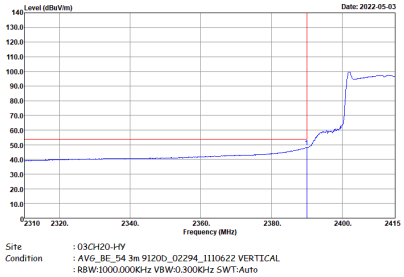
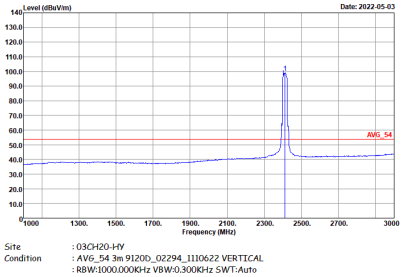
Test Engineer :	Nick Yu and Bill Chang	**Temperature :**	19~21℃
		Relative Humidity :	61~65%

Note symbol

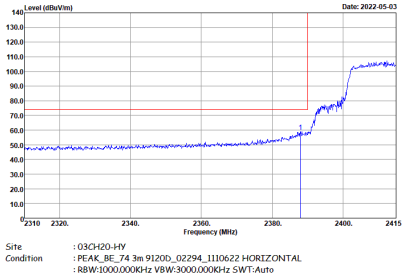
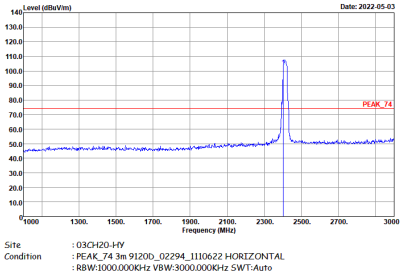
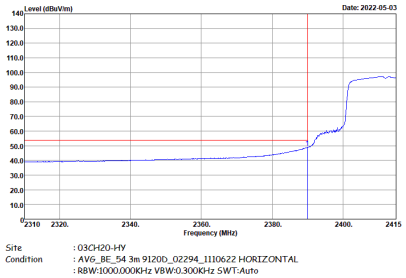
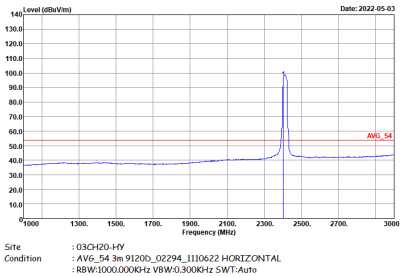
-L	**Low channel location**
-R	**High channel location**

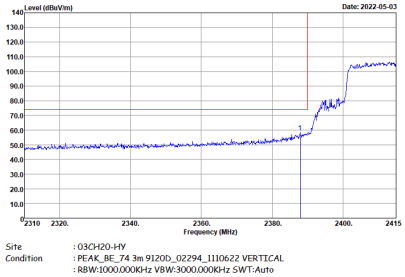
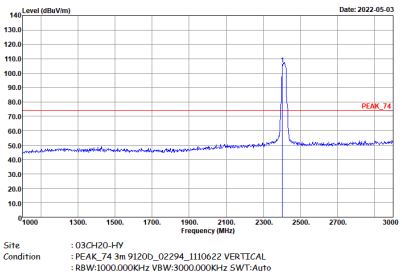
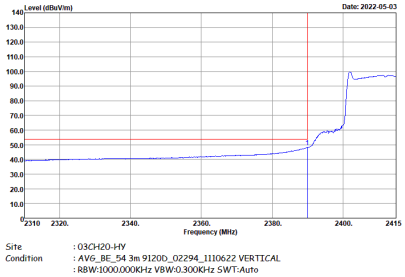
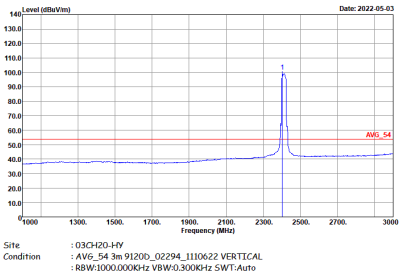
2.4GHz 2400~2483.5MHz (Band Edge @ 3m)

ANT	Mode 1:Ant 1 11ax HE20 Ch01 + Ant 2 BLE(1M) Ch00	
Simultaneously	Horizontal	Fundamental
Peak		
Avg.		

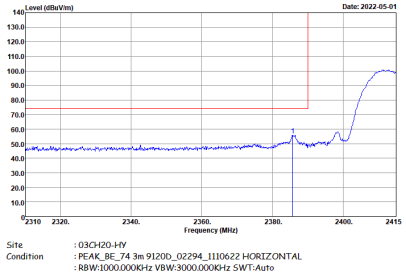
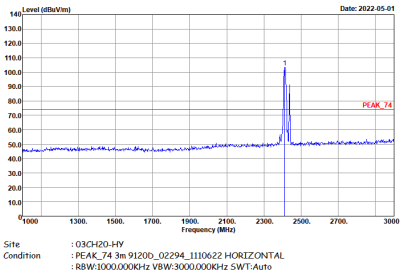
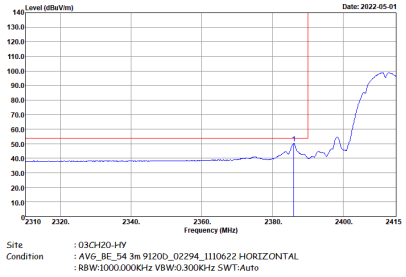
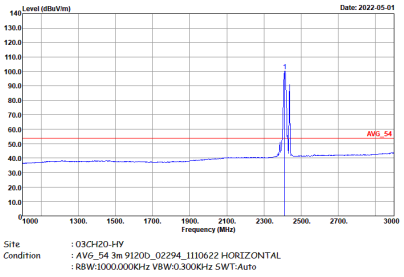
ANT	Mode 1:Ant 1 11ax HE20 Ch01 + Ant 2 BLE(1M) Ch00	
Simultaneously	Vertical	Fundamental
Peak		
Avg.		

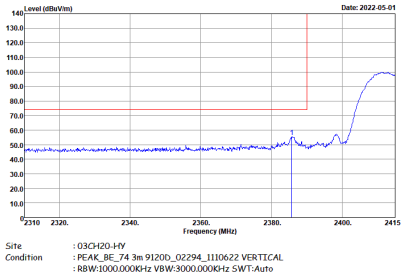
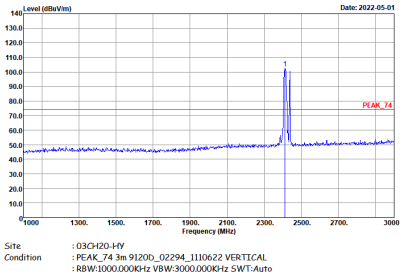
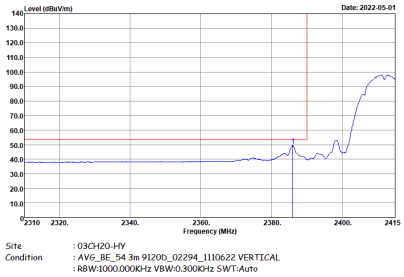
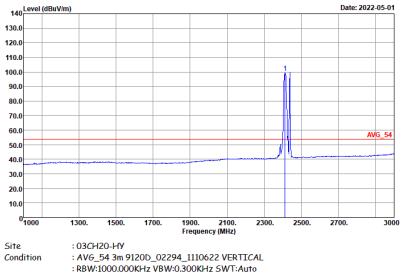
BLE (Band Edge @ 3m)

ANT	Mode 1:Ant 1 11ax HE20 Ch01 + Ant 2 BLE(1M) Ch00	
Simultaneously	Horizontal	Fundamental
Peak		
Avg.		

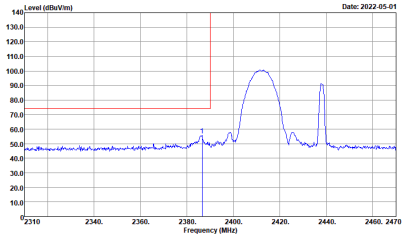
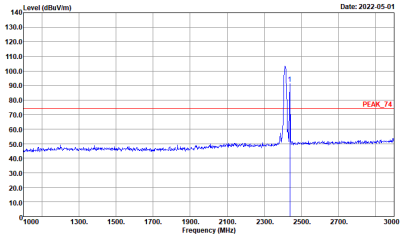
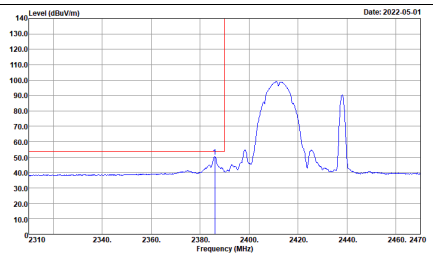
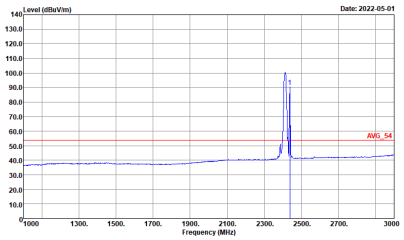
ANT	Mode 1:Ant 1 11ax HE20 Ch01 + Ant 2 BLE(1M) Ch00	
Simultaneously	Vertical	Fundamental
Peak		
Avg.		

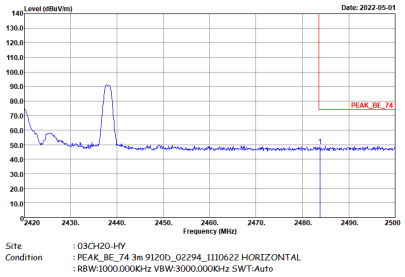
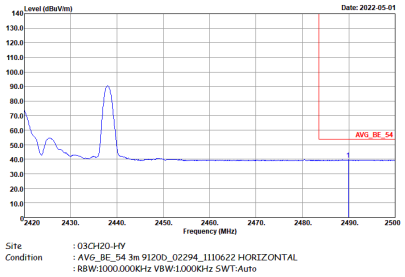
2.4GHz 2400~2483.5MHz (Band Edge @ 3m)

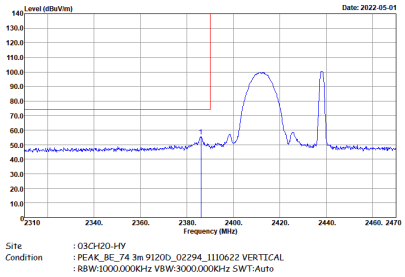
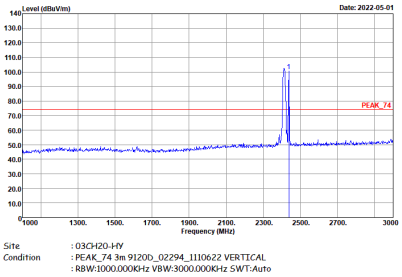
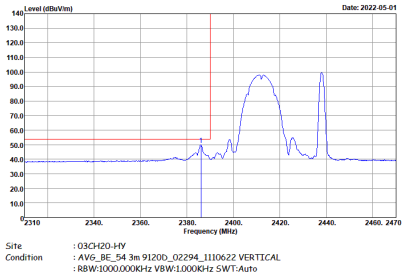
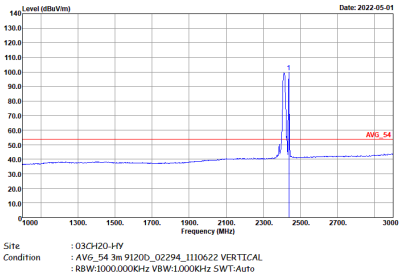
ANT	Mode 2: Ant 1 11b Ch01 + Ant 2 BLE(1M) Ch18	
Simultaneously	Horizontal	Fundamental
Peak		
Avg.		

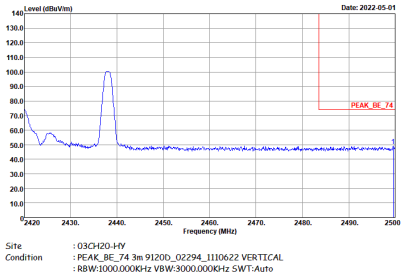
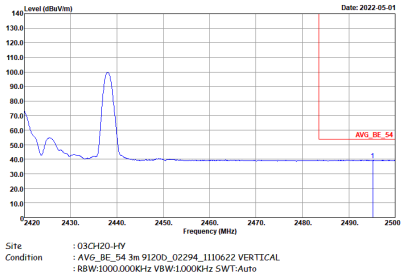
ANT	Mode 2: Ant 1 11b Ch01 + Ant 2 BLE(1M) Ch18	
Simultaneously	Vertical	Fundamental
Peak		
Avg.		

BLE (Band Edge @ 3m)

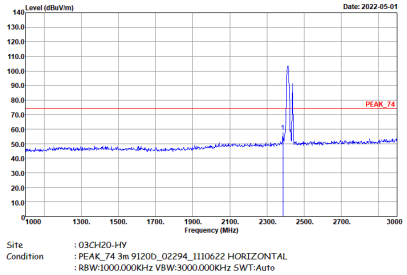
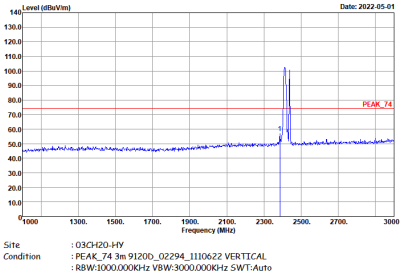
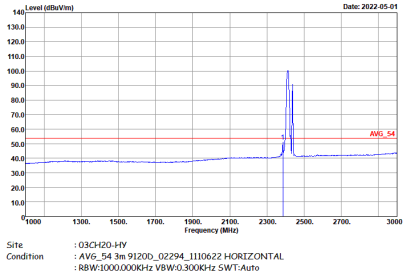
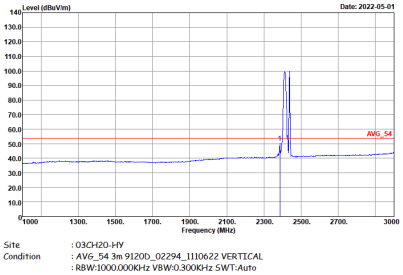
ANT	Mode 2: Ant 1 11b Ch01 + Ant 2 BLE(1M) Ch18 - L	
Simultaneously	Horizontal	Fundamental
Peak		
Avg.		

ANT	Mode 2: Ant 1 11b Ch01 + Ant 2 BLE(1M) Ch18- R	
Simultaneously	**Horizontal**	**Fundamental**
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 9120D_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left Blank
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 9120D_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	Left Blank

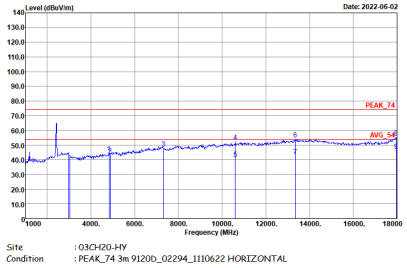
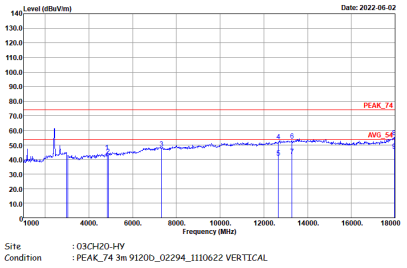
ANT	Mode 2: Ant 1 11b Ch01 + Ant 2 BLE(1M) Ch18 - L	
Simultaneously	Vertical	Fundamental
Peak		
Avg.		

ANT	Mode 2: Ant 1 11b Ch01 + Ant 2 BLE(1M) Ch18 - R	
Simultaneously	**Vertical**	**Fundamental**
Peak		Left Blank
Avg.		Left Blank

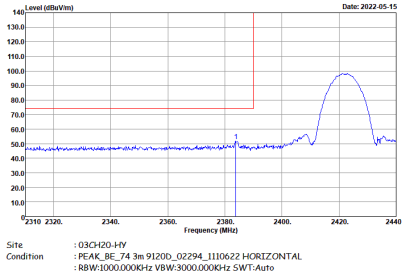
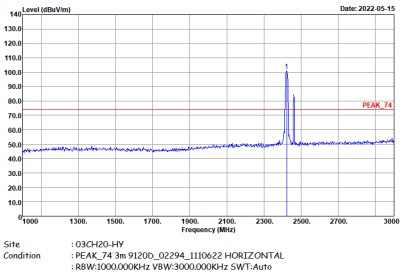
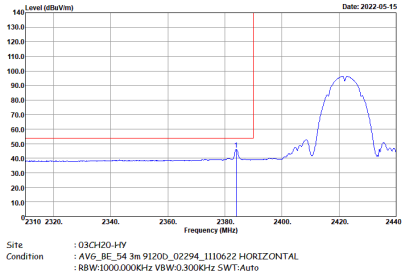
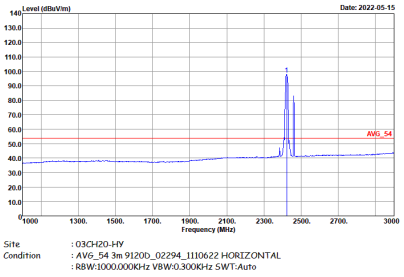
2.4GHz 2400~2483.5MHz (IM3 @ 3m)

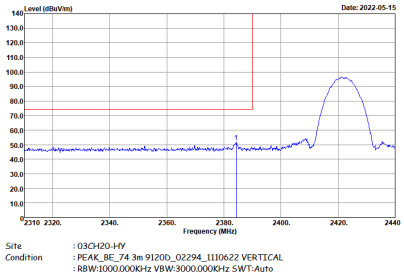
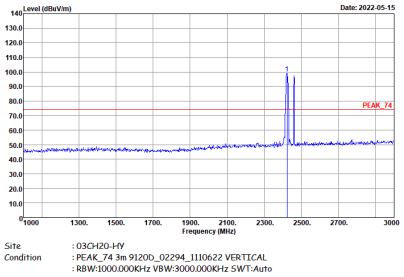
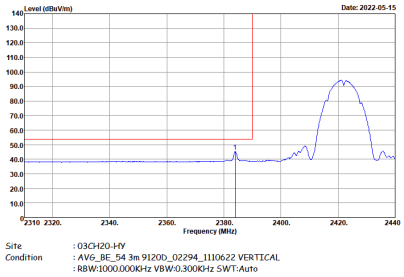
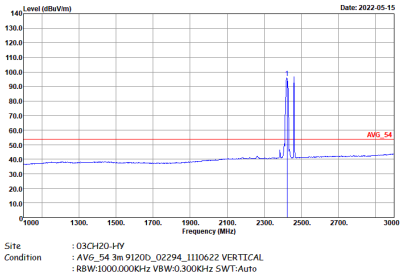
ANT	Mode 2: Ant 1 11b Ch01 + Ant 2 BLE(1M) Ch18	
Simultaneously	Horizontal	Vertical
Peak	 Site : 03CH20-HY Condition : PEAK_74 3m 9120D_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 9120D_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : AVG_54 3m 9120D_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 9120D_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto

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

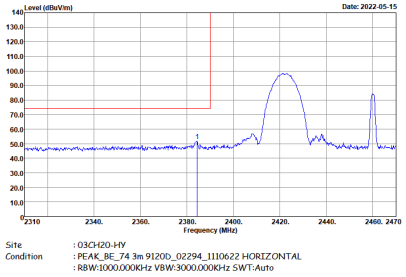
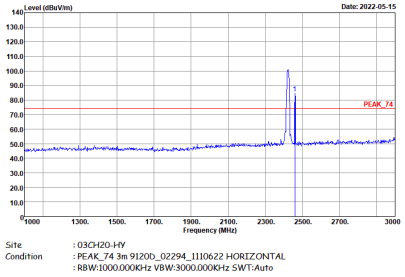
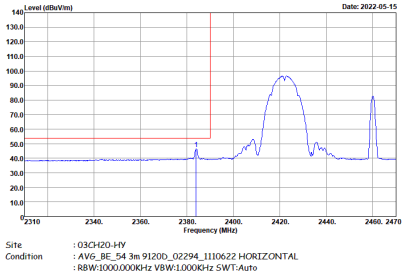
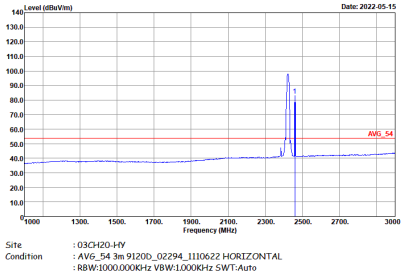
ANT	Mode 2: Ant 1 11b Ch01 + Ant 2 BLE(1M) Ch18	
Simultaneously	Horizontal	Vertical
Peak Avg.		

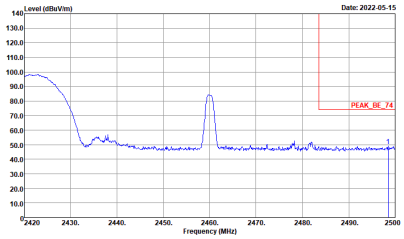
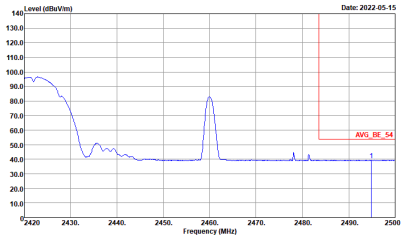
2.4GHz 2400~2483.5MHz (Band Edge @ 3m)

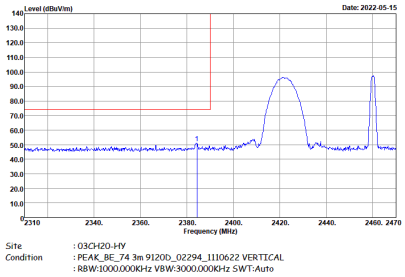
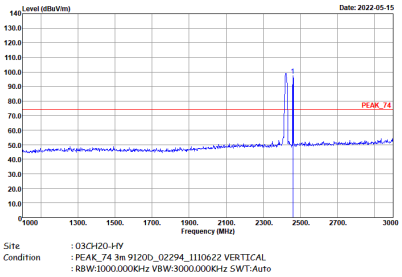
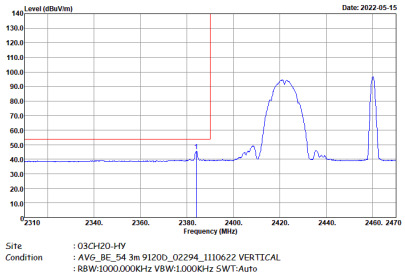
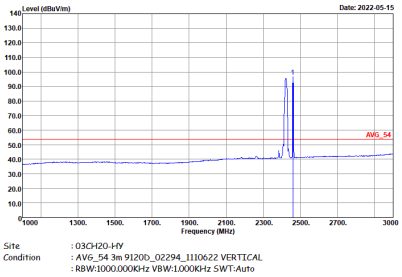
ANT	Mode 3: Ant 1 11b Ch03 + Ant 2 BLE(1M) Ch29	
Simultaneously	Horizontal	Fundamental
Peak		
Avg.		

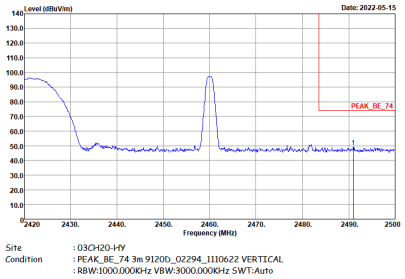
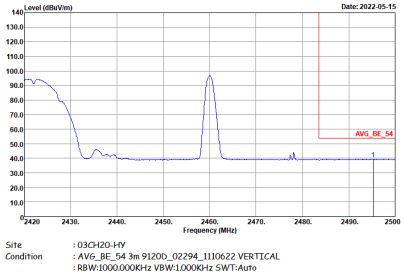
ANT	Mode 3: Ant 1 11b Ch03 + Ant 2 BLE(1M) Ch29	
Simultaneously	Vertical	Fundamental
Peak		
Avg.		

BLE (Band Edge @ 3m)

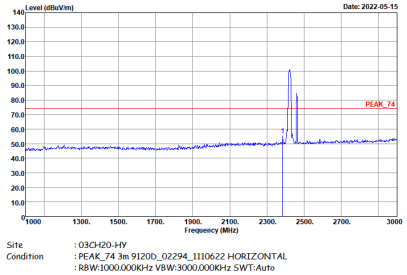
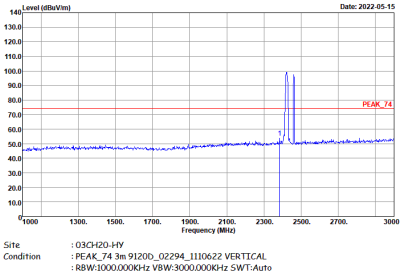
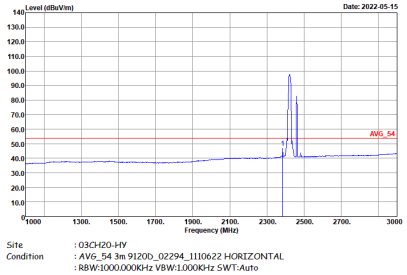
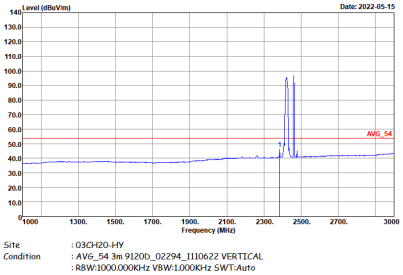
ANT	Mode 3: Ant 1 11b Ch03 + Ant 2 BLE(1M) Ch29 - L	
Simultaneously	Horizontal	Fundamental
Peak		
Avg.		

ANT	Mode 3: Ant 1 11b Ch03 + Ant 2 BLE(1M) Ch29- R	
Simultaneously	**Horizontal**	**Fundamental**
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 9120D_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left Blank
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 9120D_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	Left Blank

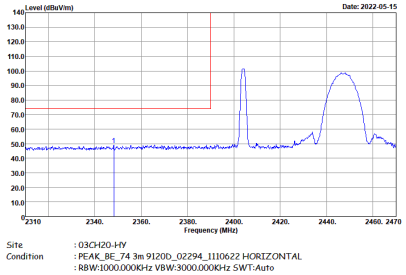
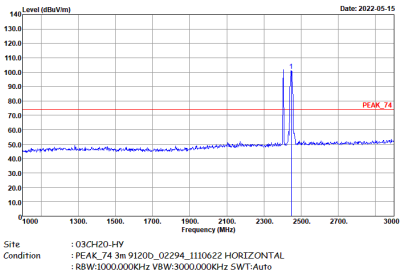
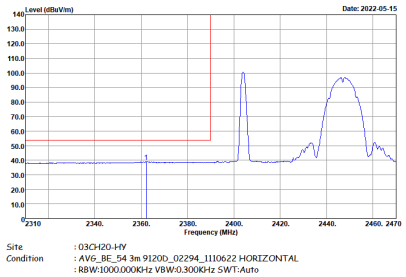
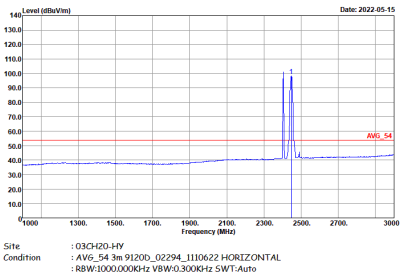
ANT	Mode 3: Ant 1 11b Ch03 + Ant 2 BLE(1M) Ch29 - L	
Simultaneously	Vertical	Fundamental
Peak		
Avg.		

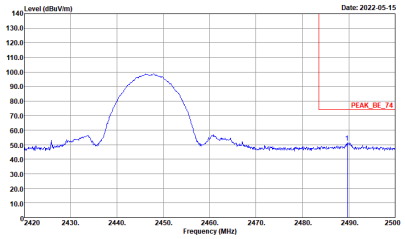
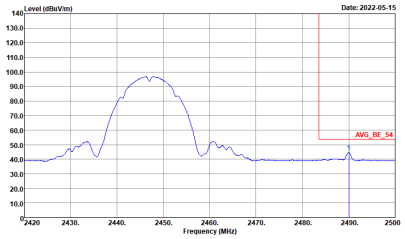
ANT	Mode 3: Ant 1 11b Ch03 + Ant 2 BLE(1M) Ch29 - R	
Simultaneously	**Vertical**	**Fundamental**
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 9120D_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left Blank
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 9120D_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	Left Blank

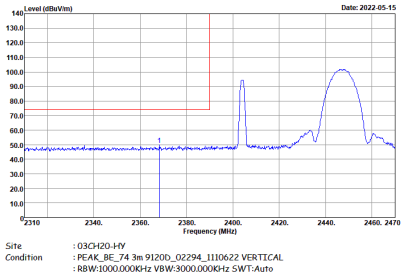
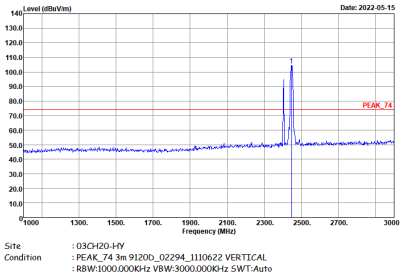
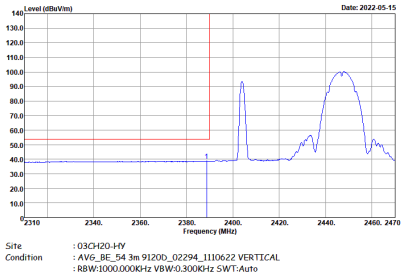
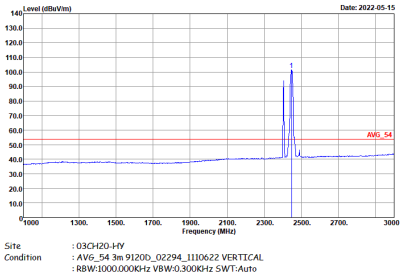
2.4GHz 2400~2483.5MHz (IM3 @ 3m)

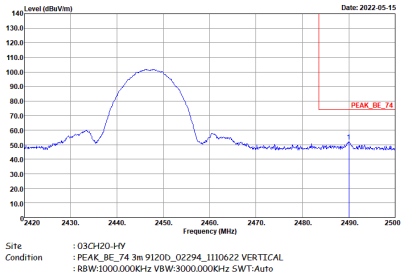
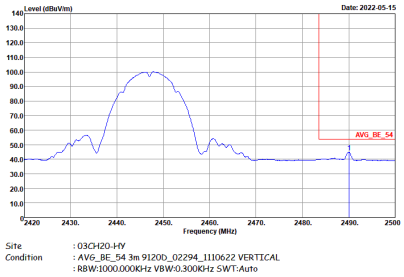
ANT	Mode 3: Ant 1 11b Ch03 + Ant 2 BLE(1M) Ch29	
Simultaneously	Horizontal	Vertical
Peak	 Site : 03CH20-HY Condition : PEAK_74 3m 9120D_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 9120D_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : AVG_54 3m 9120D_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 9120D_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto

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

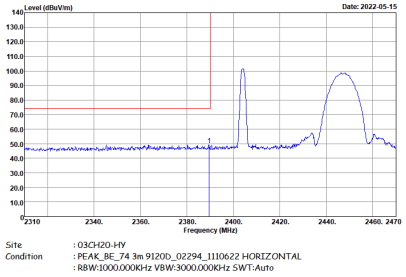
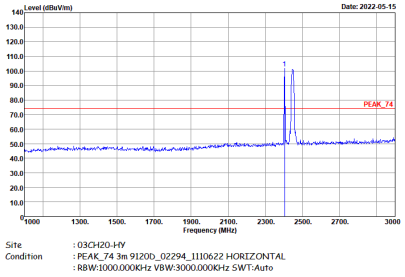
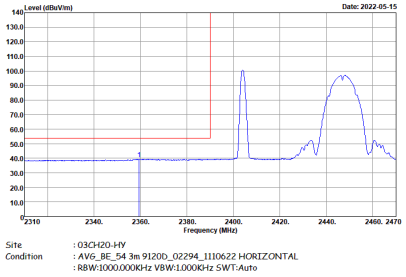
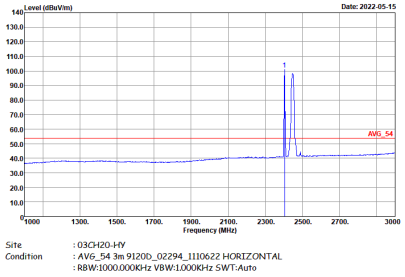
ANT	Mode 4: Ant 1 11b Ch08 + Ant 2 BLE(1M) Ch01 - L	
Simultaneously	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 9120D_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 9120D_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 9120D_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 9120D_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto

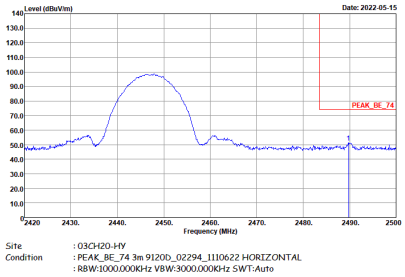
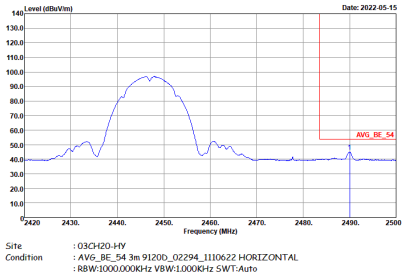
ANT	Mode 4: Ant 1 11b Ch08 + Ant 2 BLE(1M) Ch01 - R	
Simultaneously	**Horizontal**	**Fundamental**
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 9120D_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left Blank
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 9120D_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto	Left Blank

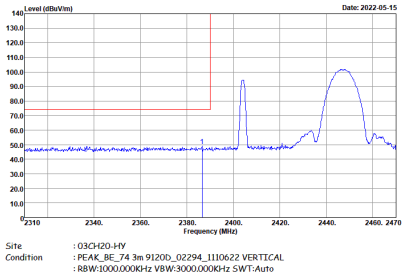
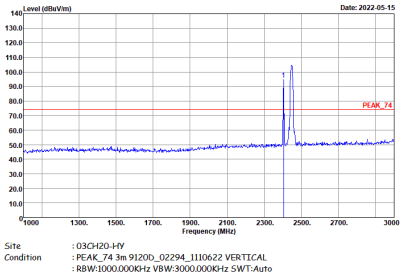
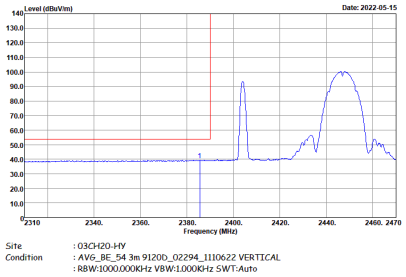
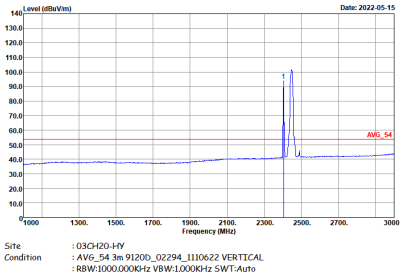
ANT	Mode 4: Ant 1 11b Ch08 + Ant 2 BLE(1M) Ch01- L	
Simultaneously	Vertical	Fundamental
Peak		
Avg.		

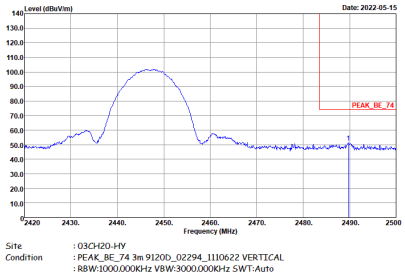
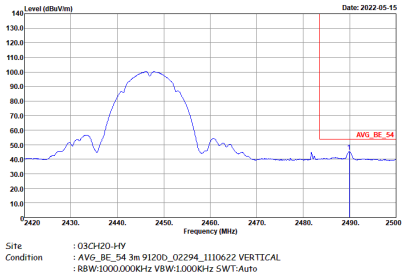
ANT	Mode 4: Ant 1 11b Ch08 + Ant 2 BLE(1M) Ch01 - R	
Simultaneously	**Vertical**	**Fundamental**
Peak		Left Blank
Avg.		Left Blank

BLE (Band Edge @ 3m)

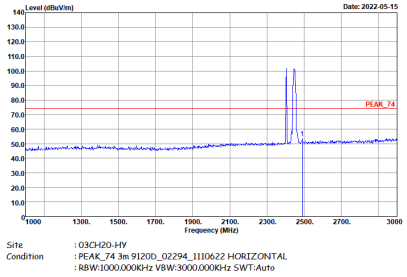
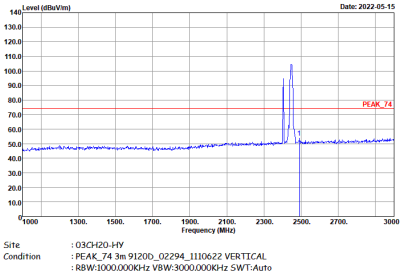
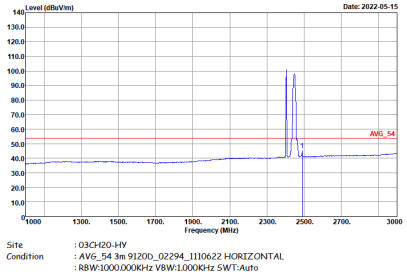
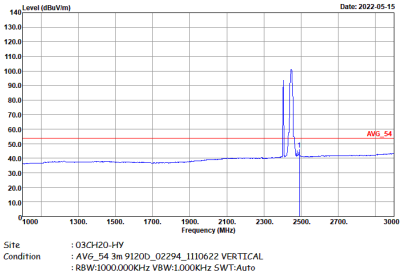
ANT	Mode 4: Ant 1 11b Ch08 + Ant 2 BLE(1M) Ch01 - L	
Simultaneously	Horizontal	Fundamental
Peak		
Avg.		

ANT	Mode 4: Ant 1 11b Ch08 + Ant 2 BLE(1M) Ch01 - R	
Simultaneously	**Horizontal**	**Fundamental**
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 9120D_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left Blank
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 9120D_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	Left Blank

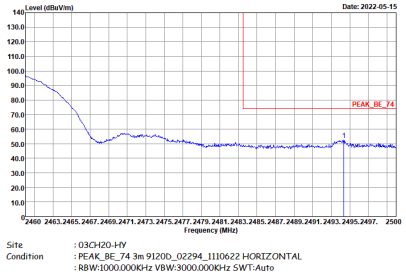
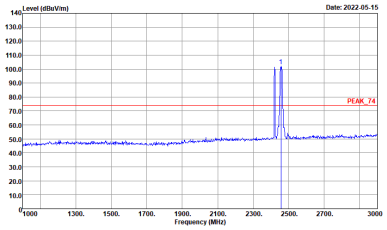
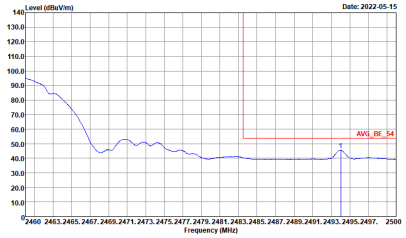
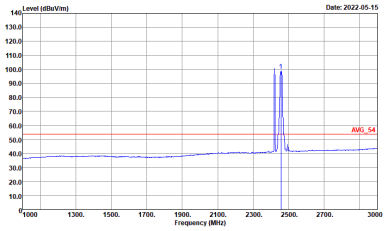
ANT	Mode 4: Ant 1 11b Ch08 + Ant 2 BLE(1M) Ch01 - L	
Simultaneously	Vertical	Fundamental
Peak		
Avg.		

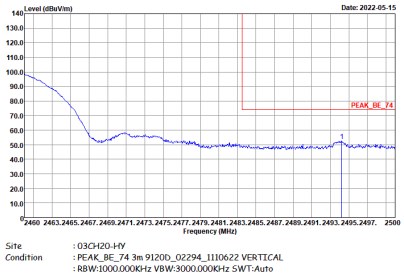
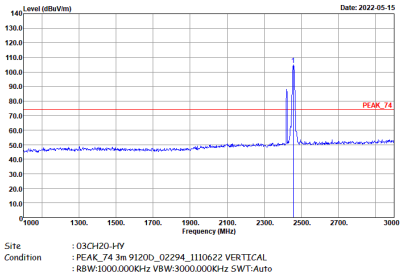
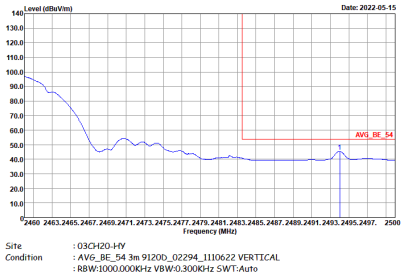
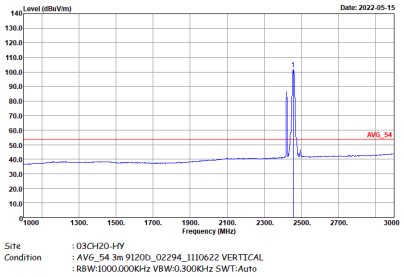
ANT	Mode 4: Ant 1 11b Ch08 + Ant 2 BLE(1M) Ch01 - R	
Simultaneously	**Vertical**	**Fundamental**
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 9120D_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left Blank
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 9120D_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	Left Blank

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

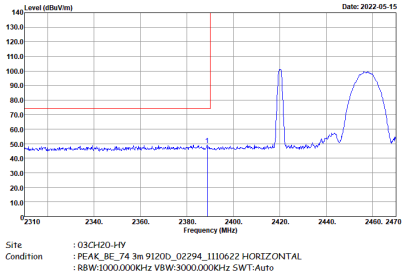
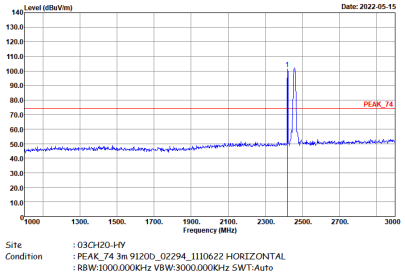
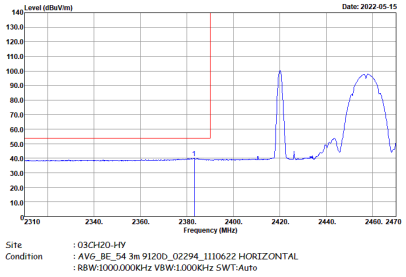
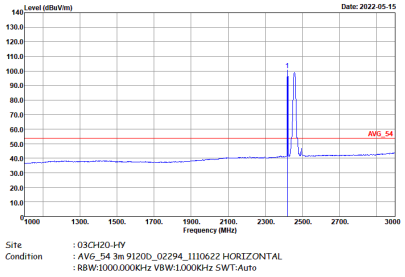
ANT	Mode 4: Ant 1 11b Ch08 + Ant 2 BLE(1M) Ch01	
Simultaneously	Horizontal	Vertical
Peak	 Site : 03CH20-HY Condition : PEAK_74 3m 9120D_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 9120D_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : AVG_54 3m 9120D_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 9120D_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto

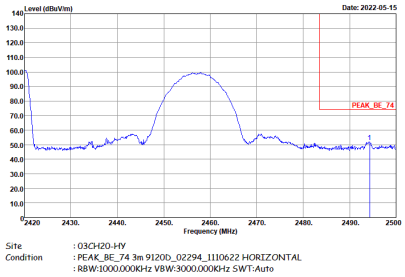
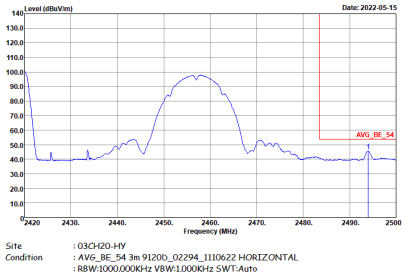
2.4GHz 2400~2483.5MHz (Band Edge @ 3m)

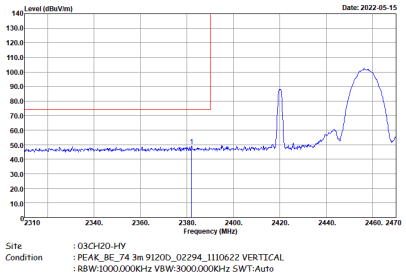
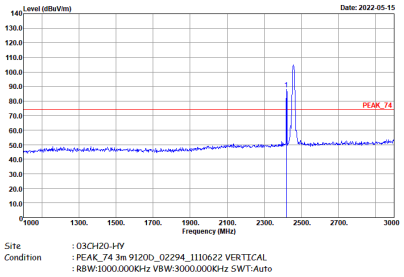
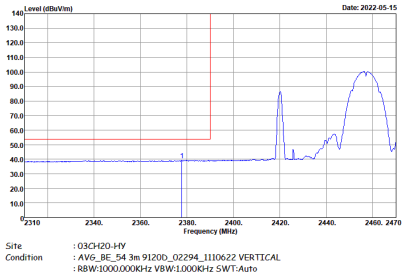
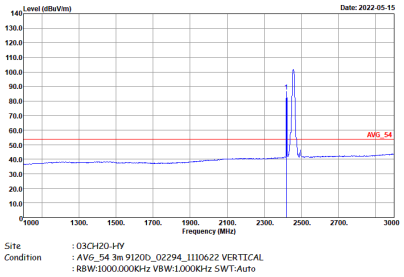
ANT	Mode 5: Ant 1 11b Ch10 + Ant 2 BLE(1M) Ch09	
Simultaneously	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 9120D_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 9120D_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 9120D_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto	 Site : 03CH20-HY Condition : AV6_54 3m 9120D_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto

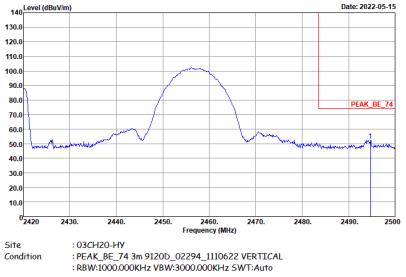
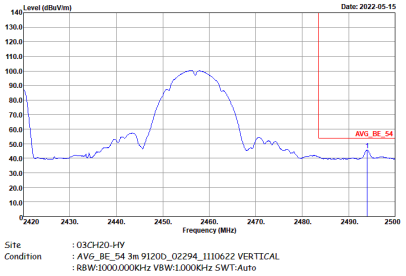
ANT	Mode 5: Ant 1 11b Ch10 + Ant 2 BLE(1M) Ch09	
Simultaneously	Vertical	Fundamental
Peak		
Avg.		

BLE (Band Edge @ 3m)

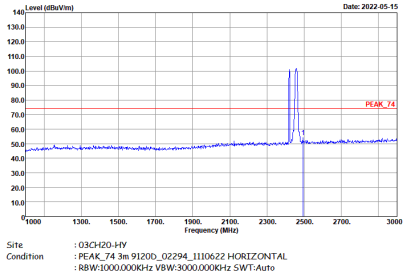
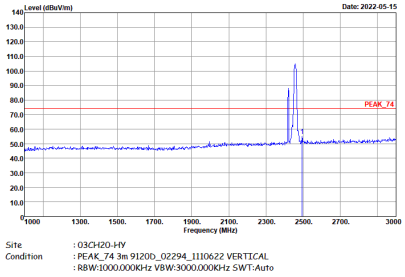
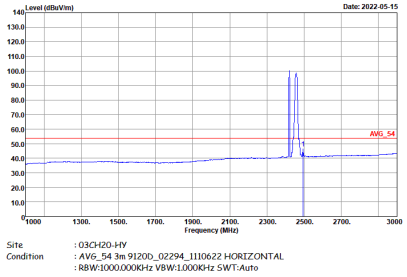
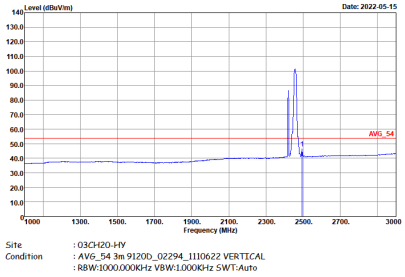
ANT	Mode 5: Ant 1 11b Ch10 + Ant 2 BLE(1M) Ch09 - L	
Simultaneously	Horizontal	Fundamental
Peak		
Avg.		

ANT	Mode 5: Ant 1 11b Ch10 + Ant 2 BLE(1M) Ch09 - R	
Simultaneously	**Horizontal**	**Fundamental**
Peak		Left Blank
Avg.		Left Blank

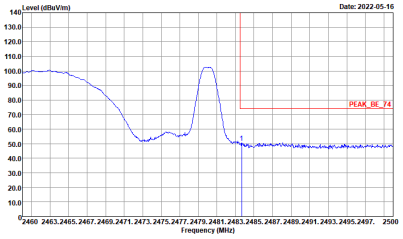
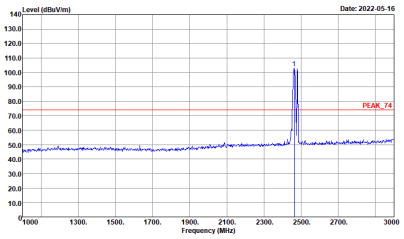
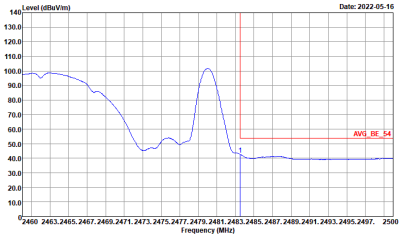
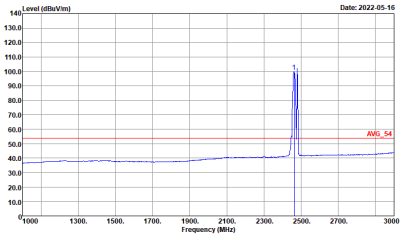
ANT	Mode 5: Ant 1 11b Ch10 + Ant 2 BLE(1M) Ch09 - L	
Simultaneously	Vertical	Fundamental
Peak		
Avg.		

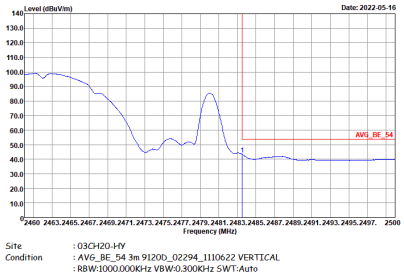
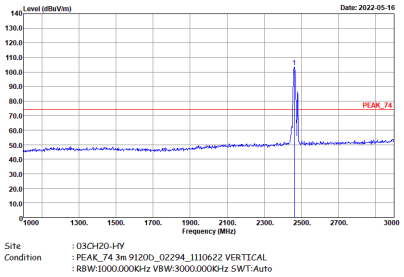
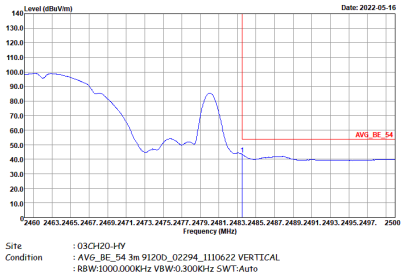
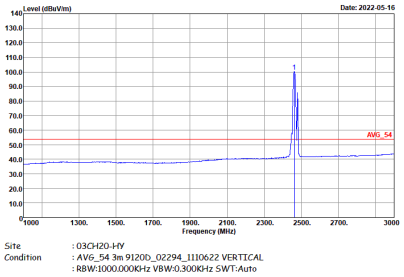
ANT	Mode 5: Ant 1 11b Ch10 + Ant 2 BLE(1M) Ch09 - R	
Simultaneously	**Vertical**	**Fundamental**
Peak		Left Blank
Avg.		Left Blank

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

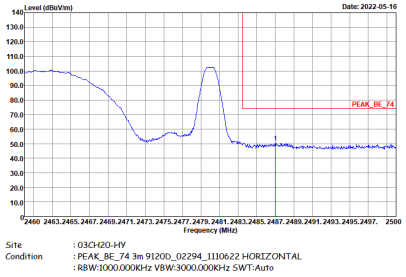
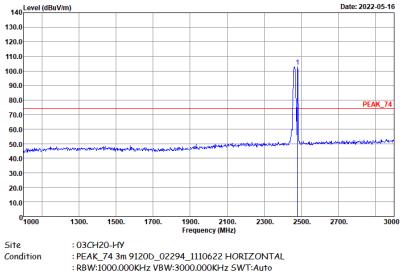
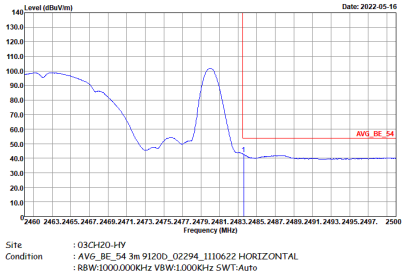
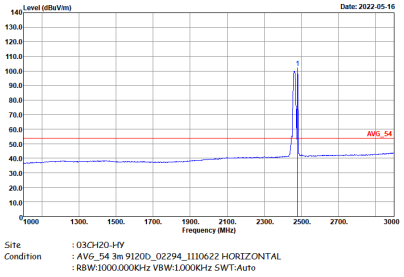
ANT	Mode 5: Ant 1 11b Ch10 + Ant 2 BLE(1M) Ch09	
Simultaneously	Horizontal	Vertical
Peak		
Avg.		

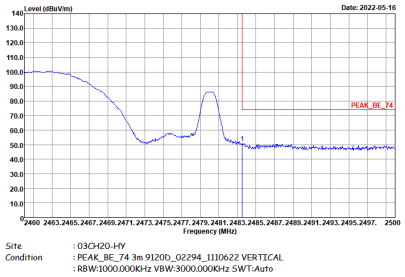
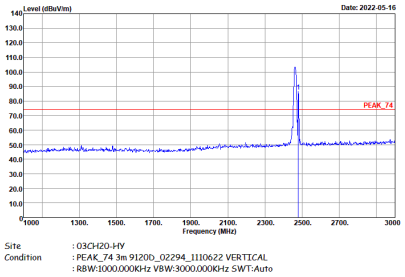
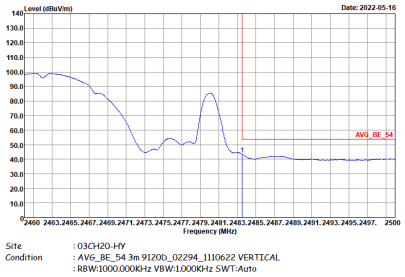
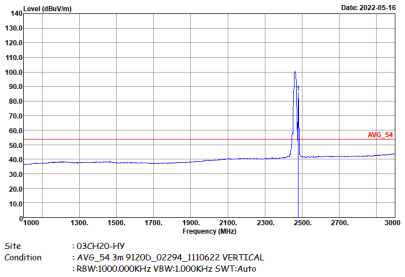
2.4GHz 2400~2483.5MHz (Band Edge @ 3m)

ANT	Mode 6: Ant 1 11b Ch11 + Ant 2 BLE(1M) Ch39	
Simultaneously	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 9120D_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 9120D_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 9120D_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 9120D_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto

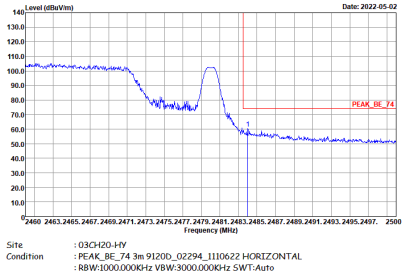
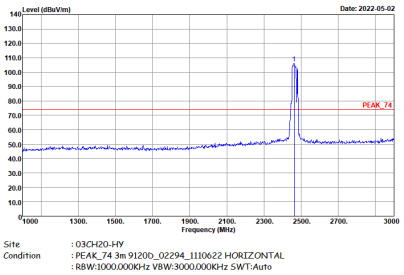
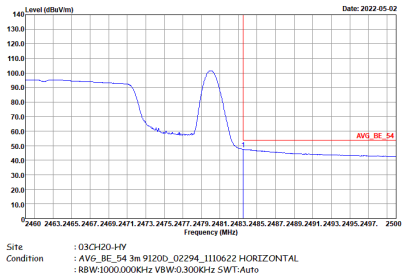
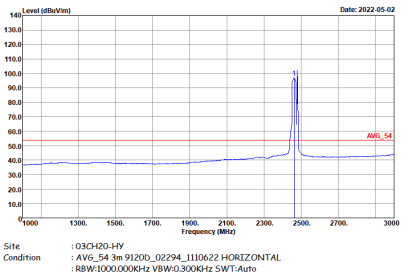
ANT	Mode 6: Ant 1 11b Ch11 + Ant 2 BLE(1M) Ch39	
Simultaneously	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : AV6_BE_54 3m 9120D_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 9120D_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : AV6_BE_54 3m 9120D_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 9120D_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto

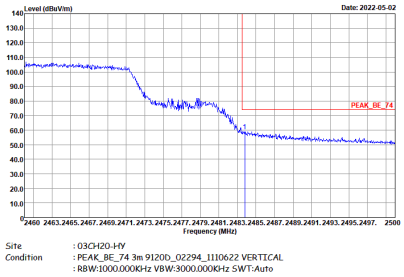
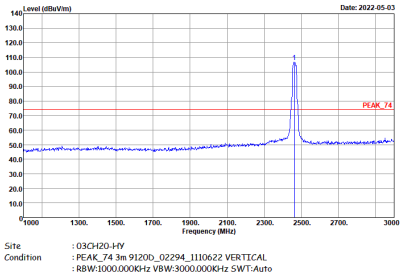
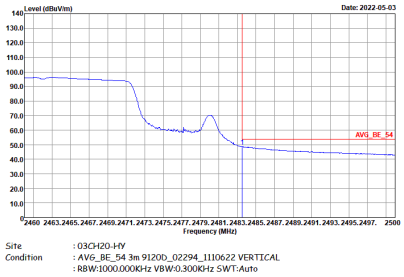
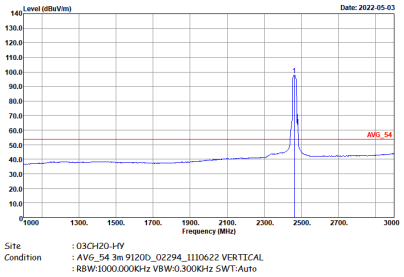
BLE (Band Edge @ 3m)

ANT	Mode 6: Ant 1 11b Ch11 + Ant 2 BLE(1M) Ch39	
Simultaneously	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 9120D_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 9120D_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 9120D_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 9120D_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto

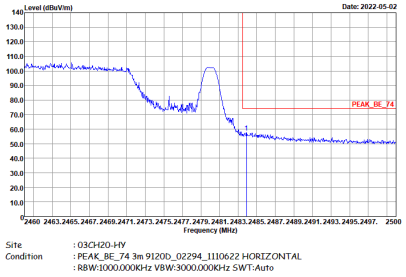
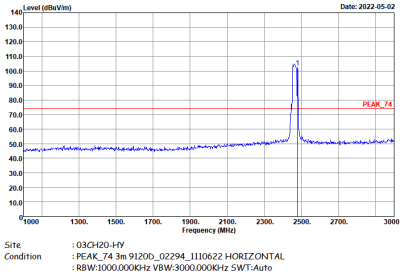
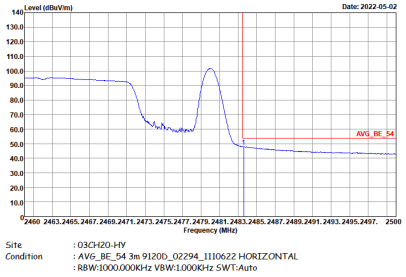
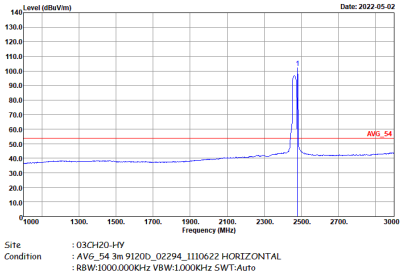
ANT	Mode 6: Ant 1 11b Ch11 + Ant 2 BLE(1M) Ch39	
Simultaneously	Vertical	Fundamental
Peak		
Avg.		

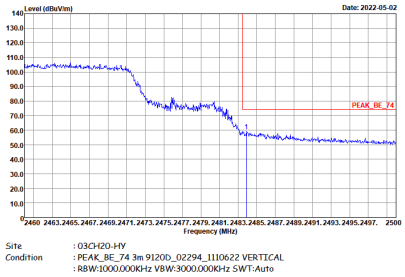
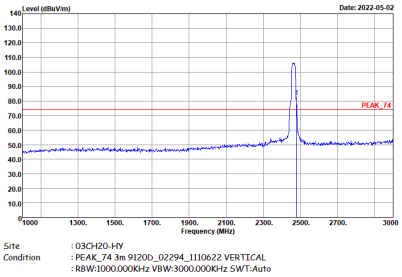
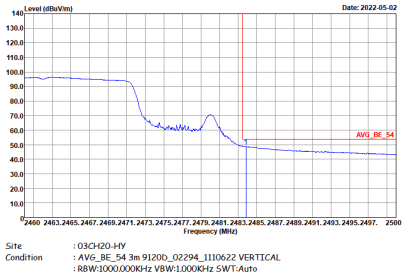
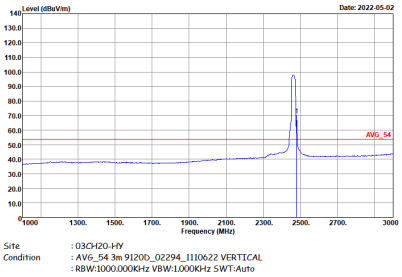
2.4GHz 2400~2483.5MHz (Band Edge @ 3m)

ANT	Mode 7: Ant 1 11ax HE20 Ch11 + Ant 2 BLE(1M) Ch39	
Simultaneously	Horizontal	Fundamental
Peak		
Avg.		

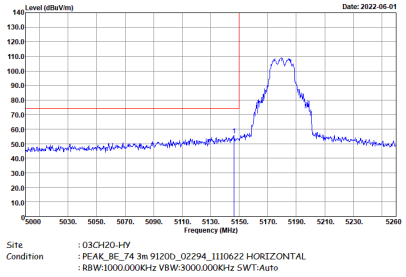
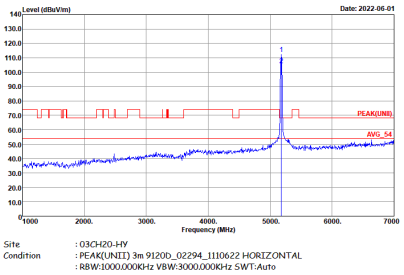
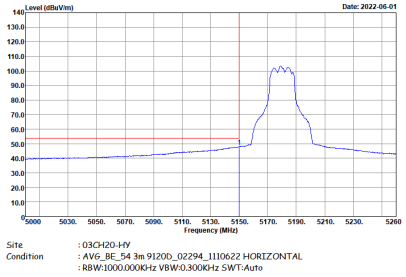
ANT	Mode 7: Ant 1 11ax HE20 Ch11 + Ant 2 BLE(1M) Ch39	
Simultaneously	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 9120D_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 9120D_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 9120D_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 9120D_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto

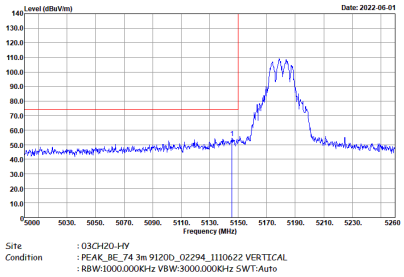
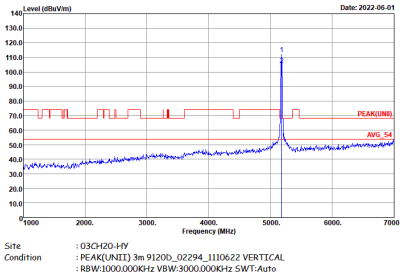
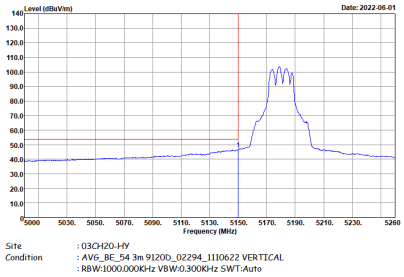
BLE (Band Edge @ 3m)

ANT	Mode 7: Ant 1 11ax HE20 Ch11 + Ant 2 BLE(1M) Ch39	
Simultaneously	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 9120D_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 9120D_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 9120D_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 9120D_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto

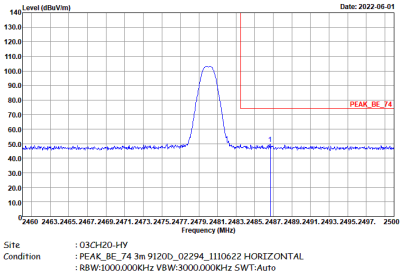
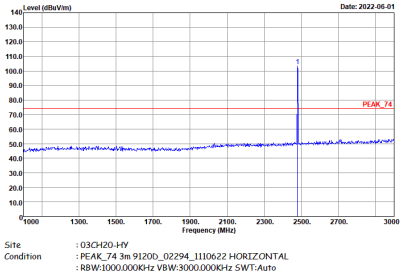
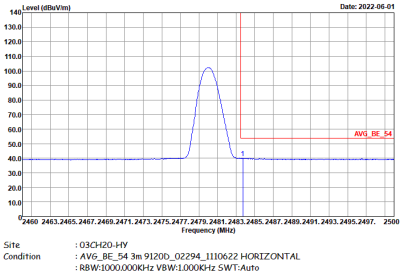
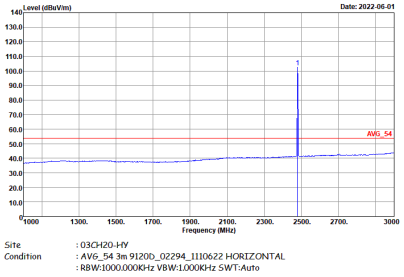
ANT	Mode 7: Ant 1 11ax HE20 Ch11 + Ant 2 BLE(1M) Ch39	
Simultaneously	Vertical	Fundamental
Peak		
Avg.		

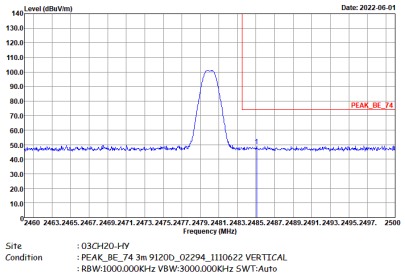
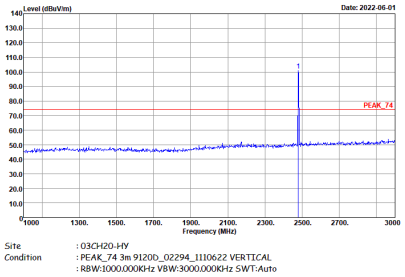
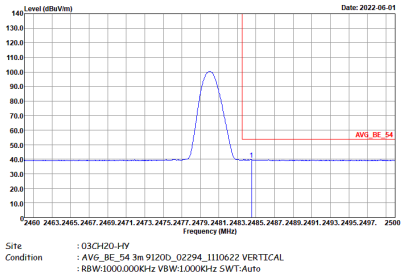
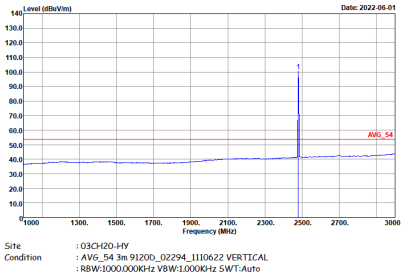
5GHz 5150~5250MHz (Band Edge @ 3m)

ANT	Mode 8: Ant 0+1 11a Ch36 + Ant 2 BLE(1M) Ch39	
Simultaneously	**Horizontal**	**Fundamental**
Peak		
Avg.		Left Blank

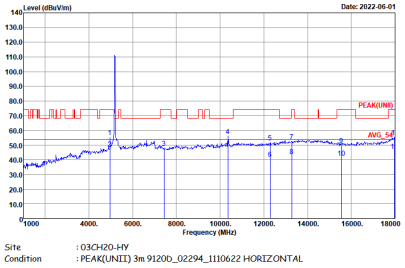
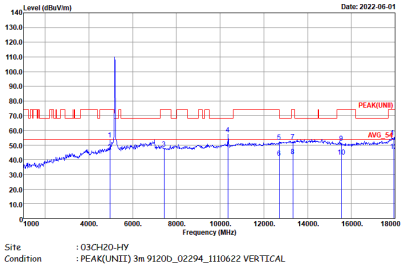
ANT	Mode 8: Ant 0+1 11a Ch36 + Ant 2 BLE(1M) Ch39	
Simultaneously	Vertical	Fundamental
Peak		
Avg.		Left Blank

BLE (Band Edge @ 3m)

ANT	Mode 8: Ant 0+1 11a Ch36 + Ant 2 BLE(1M) Ch39	
Simultaneously	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 9120D_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 9120D_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 9120D_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 9120D_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto

ANT	Mode 8: Ant 0+1 11a Ch36 + Ant 2 BLE(1M) Ch39	
Simultaneously	Vertical	Fundamental
Peak		
Avg.		

2.4GHz 2400~2483.5MHz, 5GHz 5150~5250MHz (Harmonic @ 3m)

ANT	Mode 9: Ant 0+1 11a Ch36 + Ant 2 BLE(1M) Ch19	
Simultaneously	Horizontal	Vertical
Peak Avg.		

5GHz 5150~5250MHz (Band Edge @ 3m)

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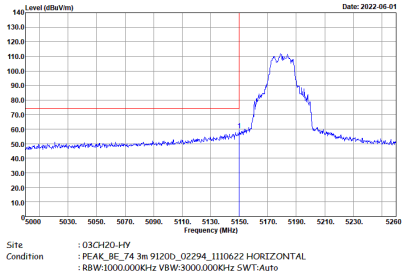
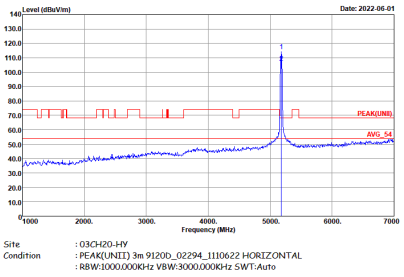
<tr><th>ANT</th><th colspan="2">Mode 9: Ant 0+1 11a Ch36 + Ant 2 BLE(1M) Ch19</th></tr>
<tr><th>Simultaneously</th><th>Horizontal</th><th>Fundamental</th></tr>
<tr><td>Peak</td><td> 
</td><td> 
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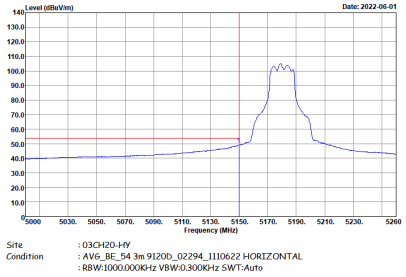
<tr><td>Avg.</td><td> 
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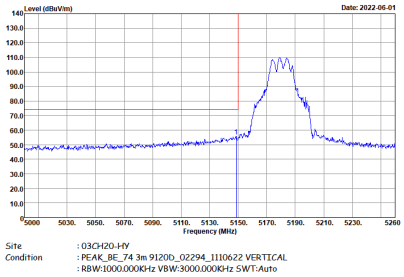
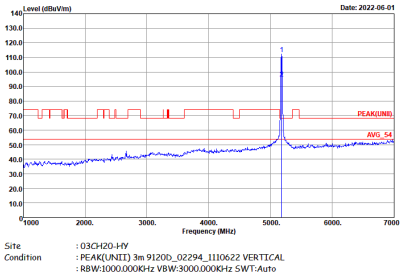
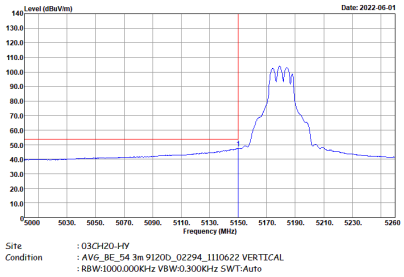
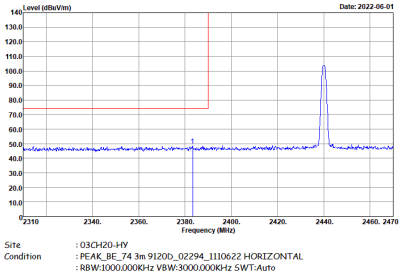
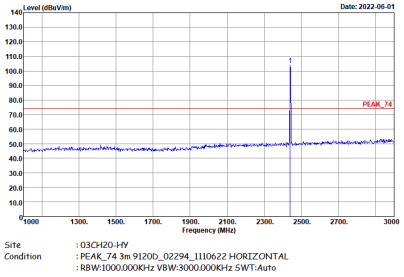
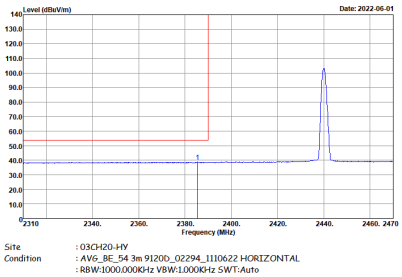
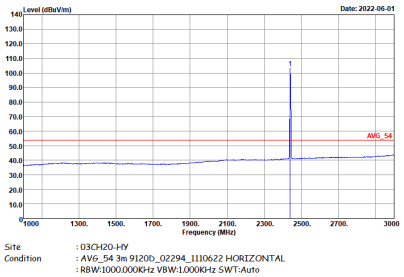
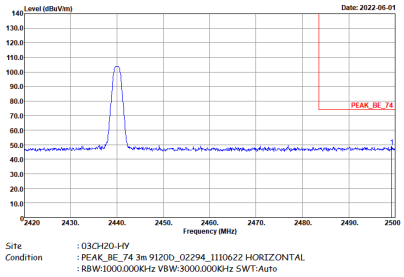
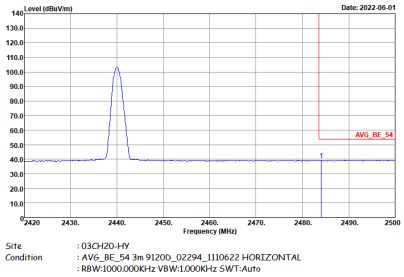
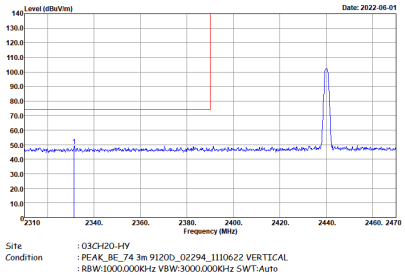
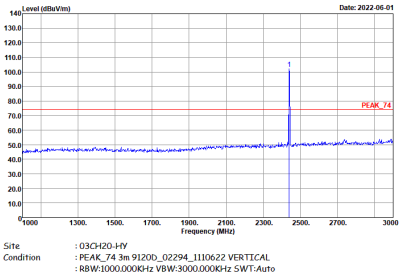
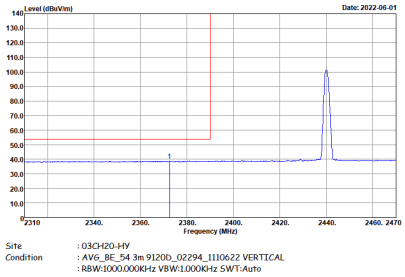
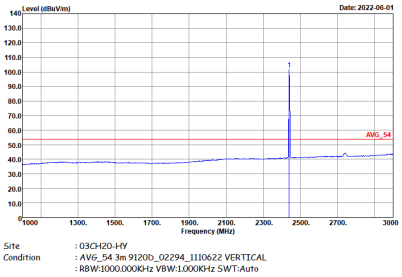
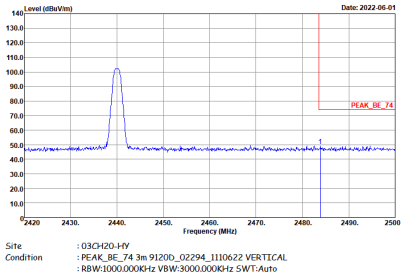
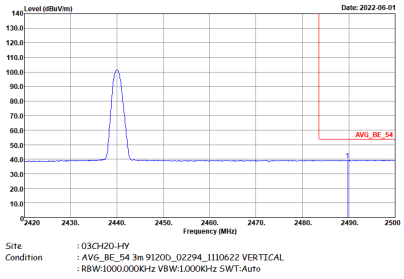
ANT	Mode 9: Ant 0+1 11a Ch36 + Ant 2 BLE(1M) Ch19	
Simultaneously	Vertical	Fundamental
Peak		
Avg.		Left Blank

BLE (Band Edge @ 3m)

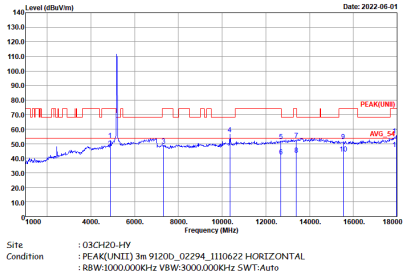
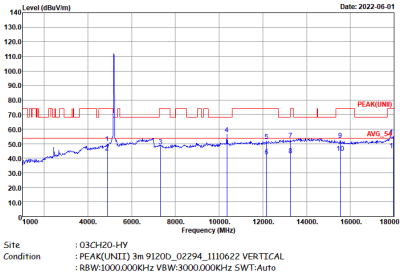
ANT	Mode 9: Ant 0+1 11a Ch36 + Ant 2 BLE(1M) Ch19 - L	
Simultaneously	Horizontal	Fundamental
Peak		
Avg.		

ANT	Mode 9: Ant 0+1 11a Ch36 + Ant 2 BLE(1M) Ch19 - R	
Simultaneously	**Horizontal**	**Fundamental**
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 9120D_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left Blank
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 9120D_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	Left Blank

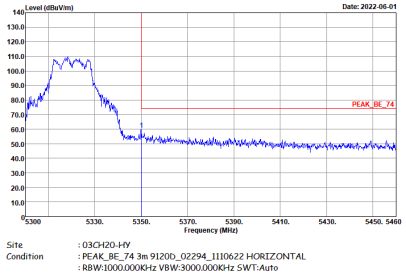
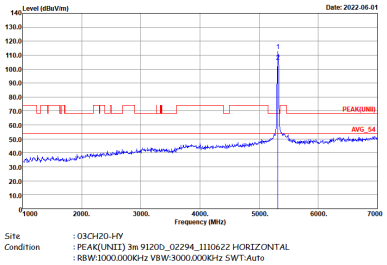
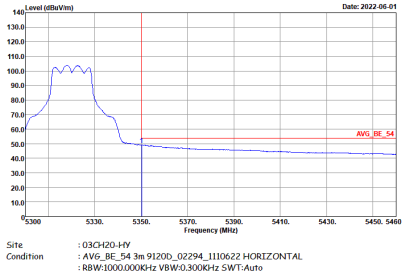
ANT	Mode 9: Ant 0+1 11a Ch36 + Ant 2 BLE(1M) Ch19 - L	
Simultaneously	Vertical	Fundamental
Peak		
Avg.		

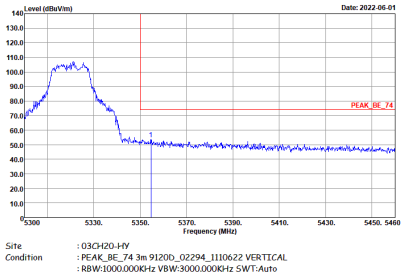
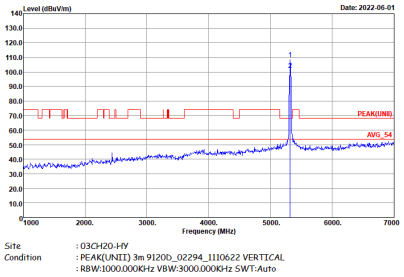
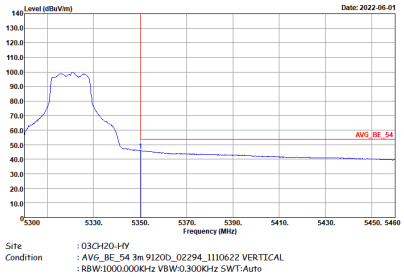
ANT	Mode 9: Ant 0+1 11a Ch36 + Ant 2 BLE(1M) Ch19 - R	
Simultaneously	**Vertical**	**Fundamental**
Peak		Left Blank
Avg.		Left Blank

2.4GHz 2400~2483.5MHz, 5GHz 5150~5250MHz (Harmonic @ 3m)

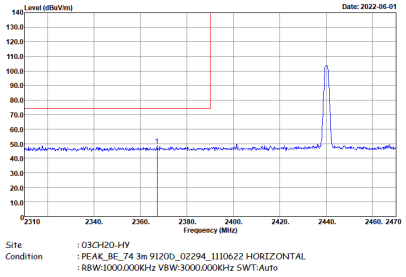
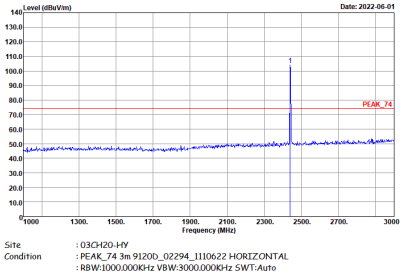
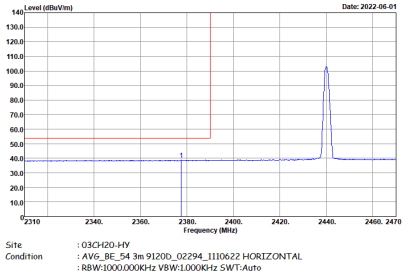
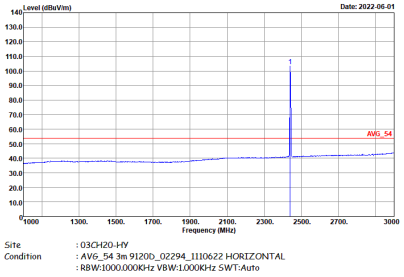
ANT	Mode 9: Ant 0+1 11a Ch36 + Ant 2 BLE(1M) Ch19	
Simultaneously	Horizontal	Vertical
Peak Avg.		

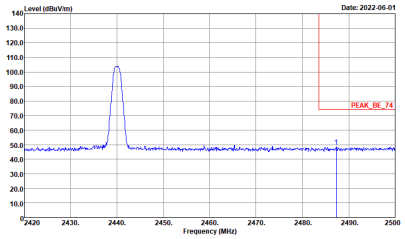
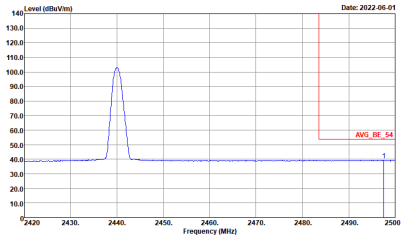
5GHz 5250~5350MHz (Band Edge @ 3m)

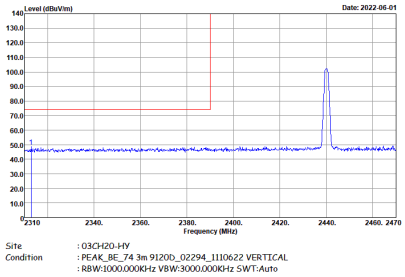
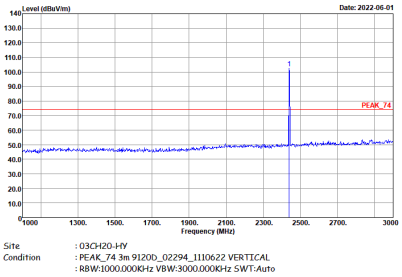
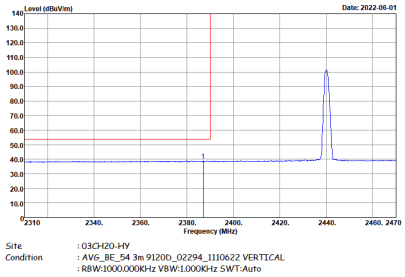
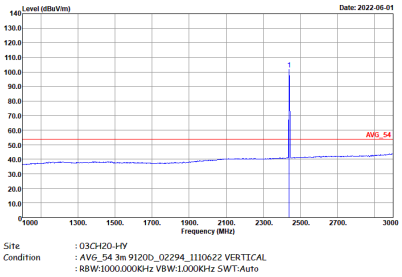
ANT	Mode 10: Ant 0+1 11a Ch64 + Ant 2 BLE(1M) Ch19	
Simultaneously	Horizontal	Fundamental
Peak		
Avg.		Left Blank

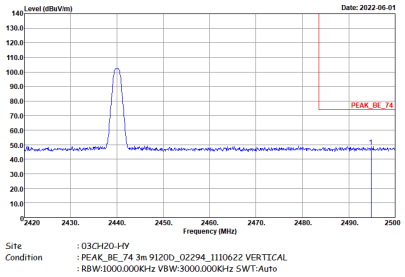
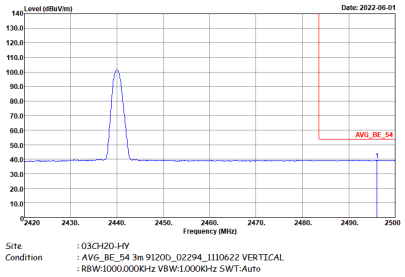
ANT	Mode 10: Ant 0+1 11a Ch64 + Ant 2 BLE(1M) Ch19	
Simultaneously	Vertical	Fundamental
Peak		
Avg.		Left Blank

BLE (Band Edge @ 3m)

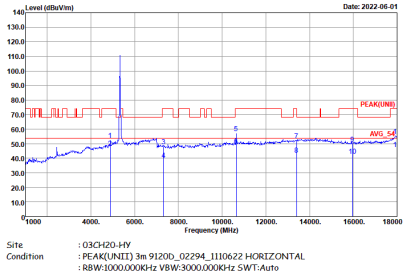
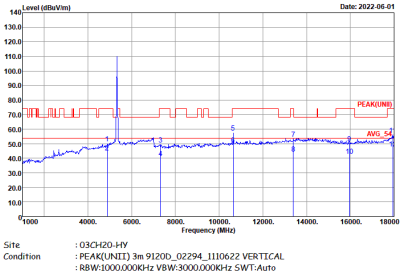
ANT	Mode 10: Ant 0+1 11a Ch64 + Ant 2 BLE(1M) Ch19 - L	
Simultaneously	Horizontal	Fundamental
Peak		
Avg.		

ANT	Mode 10: Ant 0+1 11a Ch64 + Ant 2 BLE(1M) Ch19 - R	
Simultaneously	**Horizontal**	**Fundamental**
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 9120D_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left Blank
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 9120D_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	Left Blank

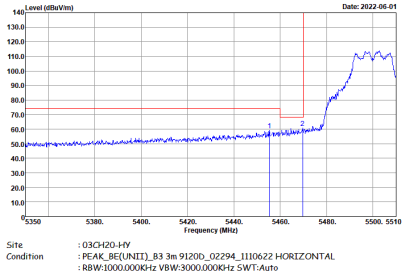
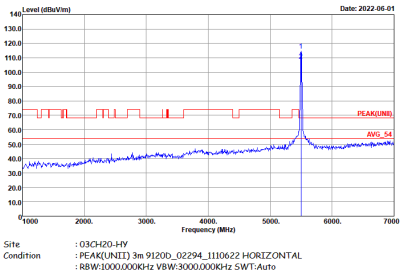
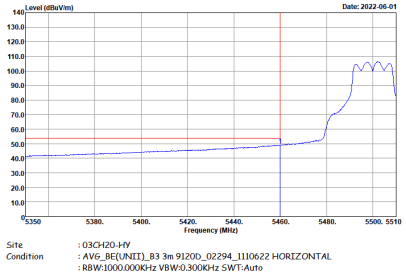
ANT	Mode 10: Ant 0+1 11a Ch64 + Ant 2 BLE(1M) Ch19 - L	
Simultaneously	Vertical	Fundamental
Peak		
Avg.		

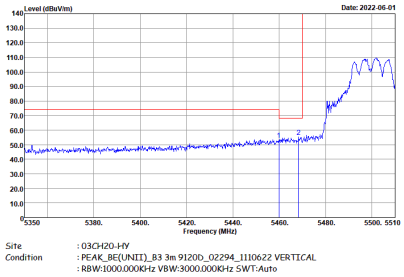
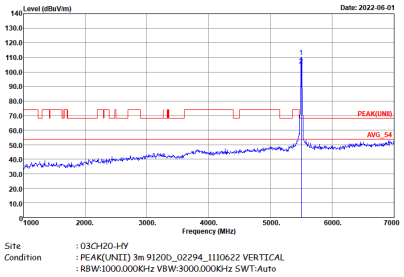
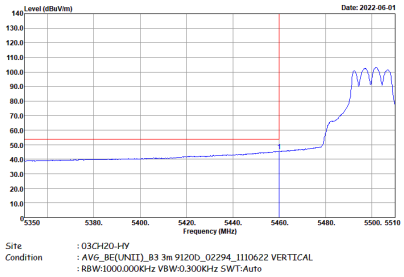
ANT	Mode 10: Ant 0+1 11a Ch64 + Ant 2 BLE(1M) Ch19 - R	
Simultaneously	**Vertical**	**Fundamental**
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 9120D_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left Blank
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 9120D_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	Left Blank

2.4GHz 2400~2483.5MHz, 5GHz 5250~5350MHz (Harmonic @ 3m)

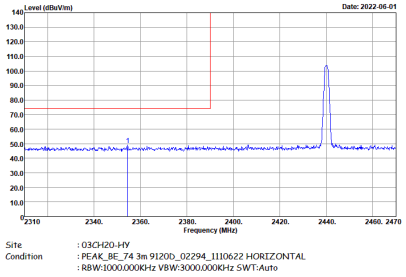
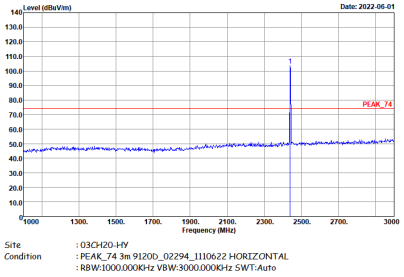
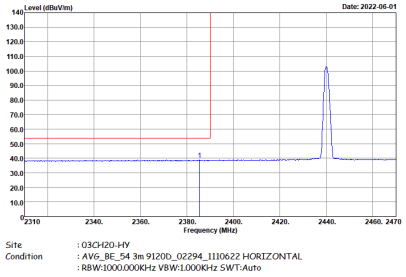
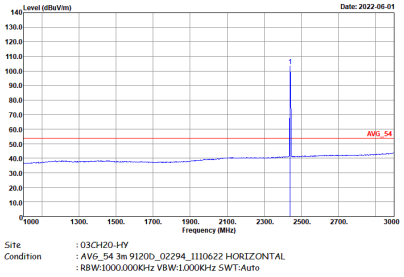
ANT	Mode 10: Ant 0+1 11a Ch64 + Ant 2 BLE(1M) Ch19	
Simultaneously	Horizontal	Vertical
Peak Avg.		

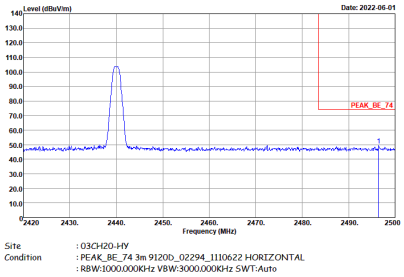
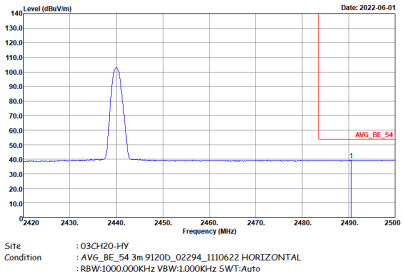
5GHz 5470~5725MHz (Band Edge @ 3m)

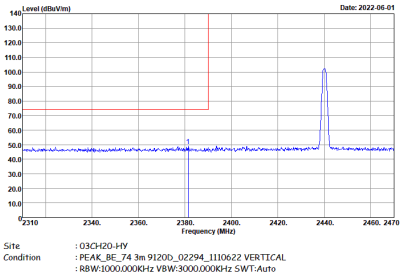
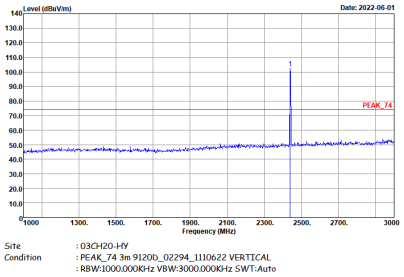
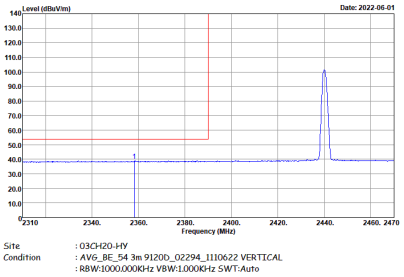
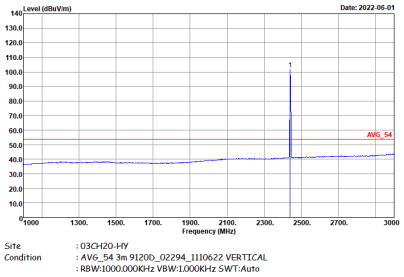
ANT	Mode 11: Ant 0+1 11a Ch100 + Ant 2 BLE(1M) Ch19	
Simultaneously	Horizontal	Fundamental
Peak		
Avg.		Left Blank

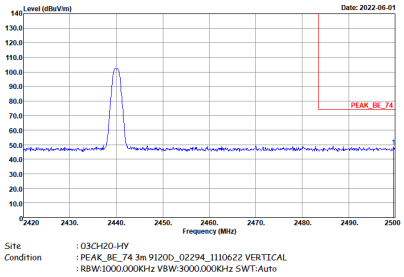
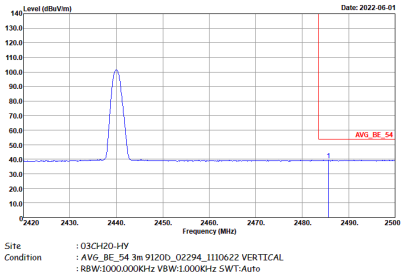
ANT	Mode 11: Ant 0+1 11a Ch100 + Ant 2 BLE(1M) Ch19	
Simultaneously	Vertical	Fundamental
Peak		
Avg.		Left Blank

BLE (Band Edge @ 3m)

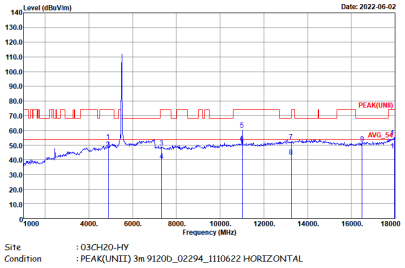
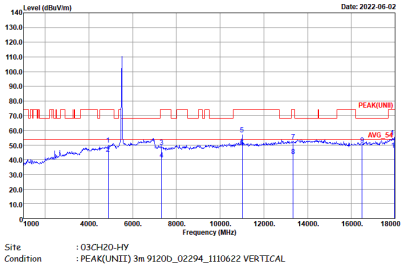
ANT	Mode 11: Ant 0+1 11a Ch100 + Ant 2 BLE(1M) Ch19 - L	
Simultaneously	Horizontal	Fundamental
Peak		
Avg.		

ANT	Mode 11: Ant 0+1 11a Ch100 + Ant 2 BLE(1M) Ch19 - R	
Simultaneously	**Horizontal**	**Fundamental**
Peak		Left Blank
Avg.		Left Blank

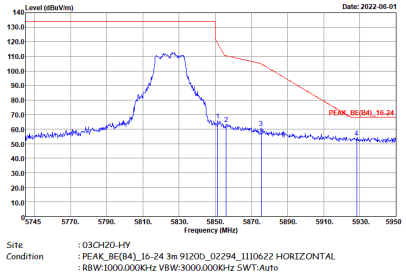
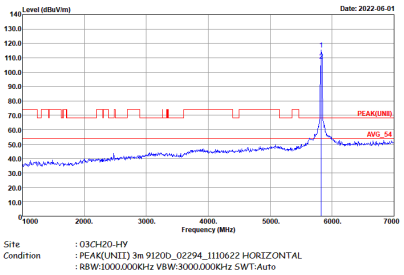
ANT	Mode 11: Ant 0+1 11a Ch100 + Ant 2 BLE(1M) Ch19 - L	
Simultaneously	Vertical	Fundamental
Peak		
Avg.		

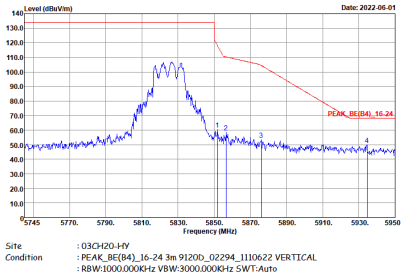
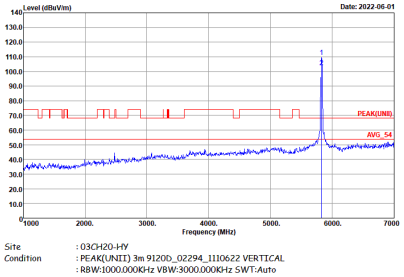
ANT	Mode 11: Ant 0+1 11a Ch100 + Ant 2 BLE(1M) Ch19 - R	
Simultaneously	**Vertical**	**Fundamental**
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 9120D_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left Blank
Avg.	 Site : 03CH20-HY Condition : AV6_BE_54 3m 9120D_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	Left Blank

2.4GHz 2400~2483.5MHz, 5GHz 5470~5725MHz (Harmonic @ 3m)

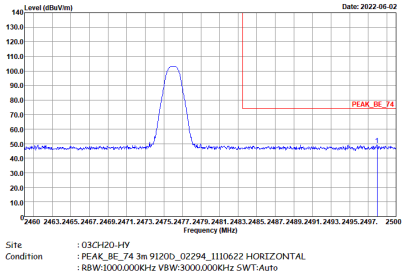
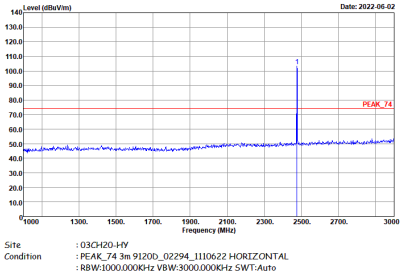
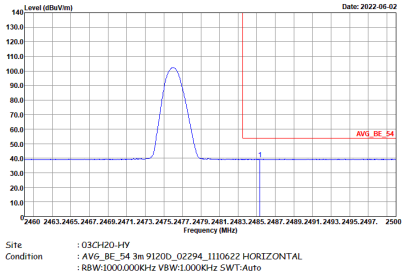
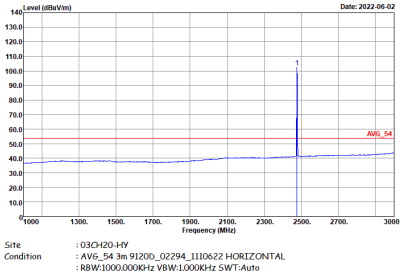
ANT	Mode 11: Ant 0+1 11a Ch100 + Ant 2 BLE(1M) Ch19	
Simultaneously	Horizontal	Vertical
Peak Avg.		

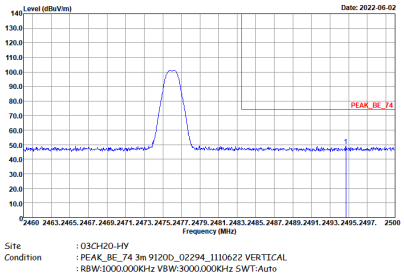
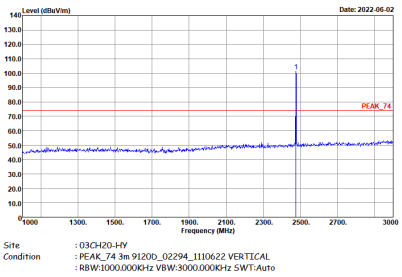
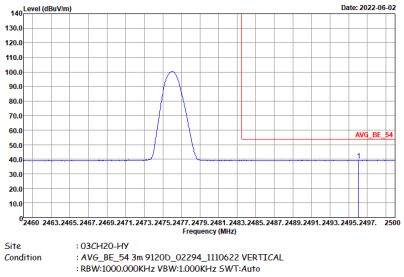
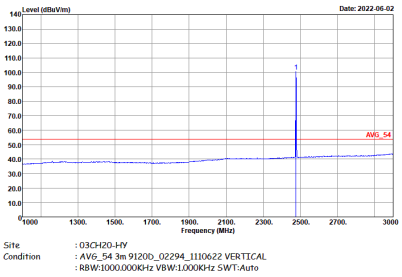
5GHz 5725~5850MHz (Band Edge @ 3m)

ANT	Mode 12: Ant 0+1 11a Ch165 + Ant 2 BLE(1M) Ch37	
Simultaneously	Horizontal	Fundamental
Peak		

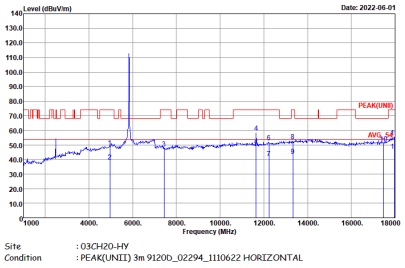
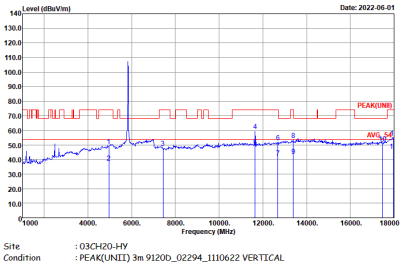
ANT	Mode 12: Ant 0+1 11a Ch165 + Ant 2 BLE(1M) Ch37	
Simultaneously	Vertical	Fundamental
Peak		

BLE (Band Edge @ 3m)

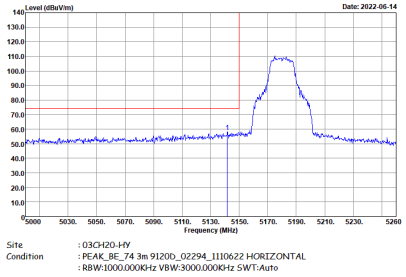
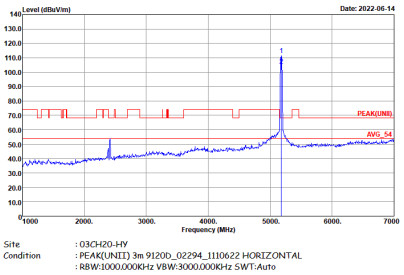
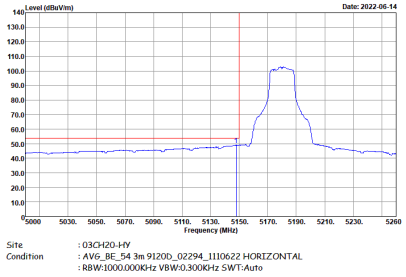
ANT	Mode 12: Ant 0+1 11a Ch165 + Ant 2 BLE(1M) Ch37	
Simultaneously	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 9120D_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 9120D_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 9120D_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 9120D_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto

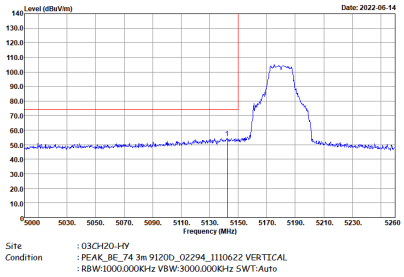
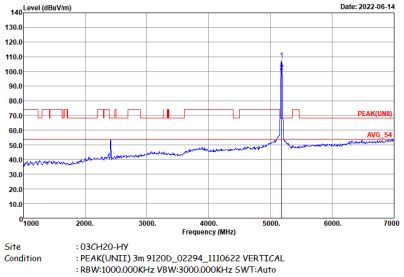
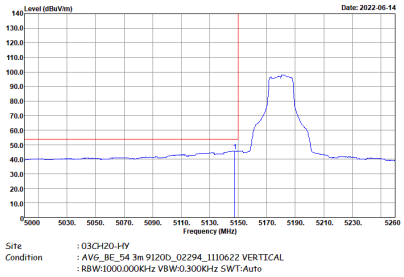
ANT	Mode 12: Ant 0+1 11a Ch165 + Ant 2 BLE(1M) Ch37	
Simultaneously	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 9120D_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 9120D_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : AV6_BE_54 3m 9120D_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	 Site : 03CH20-HY Condition : AV6_54 3m 9120D_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto

2.4GHz 2400~2483.5MHz, 5GHz 5725~5850MHz (Harmonic @ 3m)

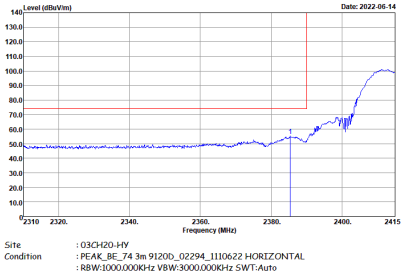
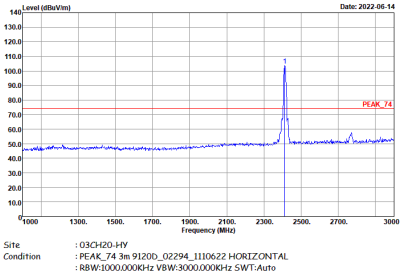
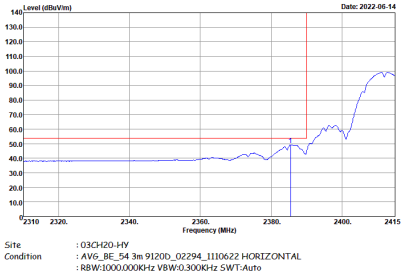
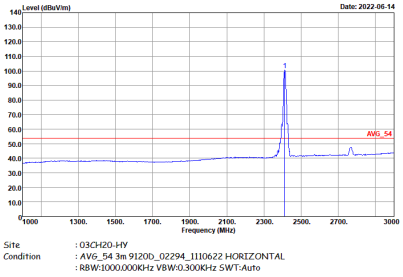
ANT	Mode 12: Ant 0+1 11a Ch165 + Ant 2 BLE(1M) Ch37	
Simultaneously	Horizontal	Vertical
Peak Avg.		

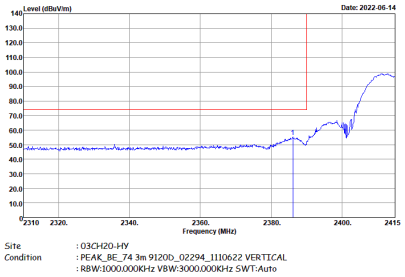
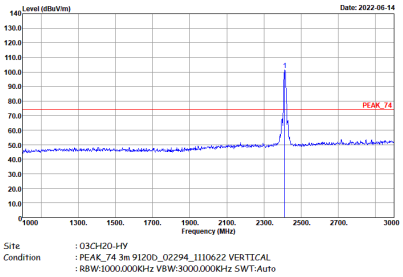
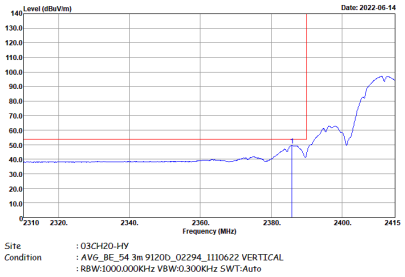
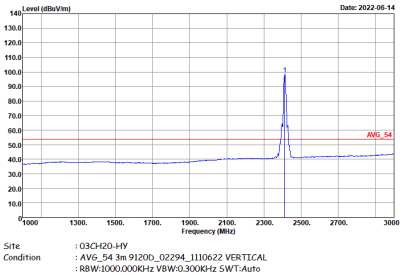
5GHz 5150~5250MHz (Band Edge @ 3m)

ANT	Mode 13: Ant 0 11a Ch36 + Ant 1 11b Ch01	
Simultaneously	**Horizontal**	**Fundamental**
Peak		
Avg.		Left Blank

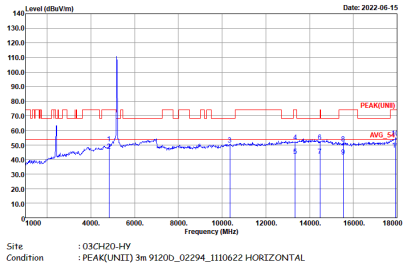
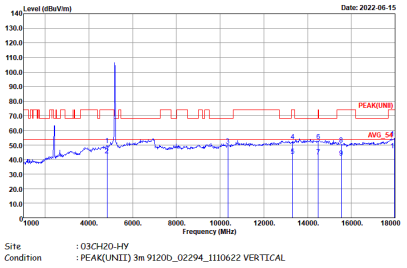
ANT	Mode 13: Ant 0 11a Ch36 + Ant 1 11b Ch01	
Simultaneously	Vertical	Fundamental
Peak		
Avg.		Left Blank

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

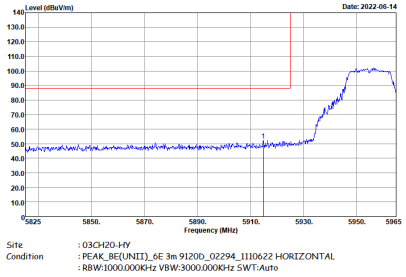
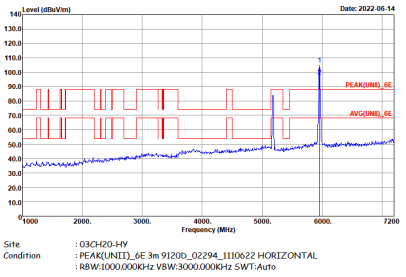
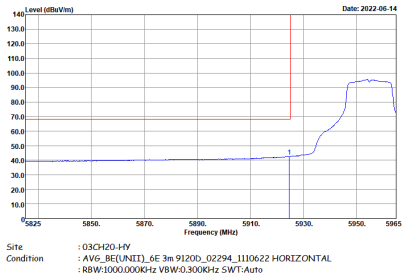
ANT	Mode 13: Ant 0 11a Ch36 + Ant 1 11b Ch01	
Simultaneously	Horizontal	Vertical
Peak		
Avg.		

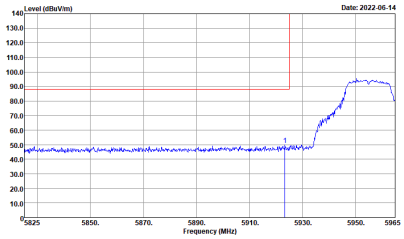
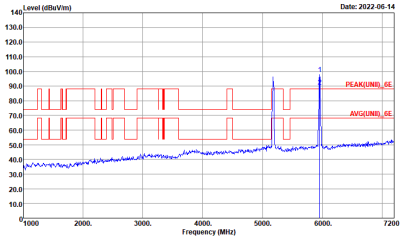
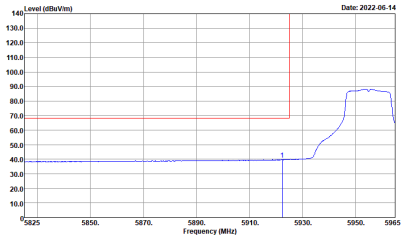
ANT	Mode 13: Ant 0 11a Ch36 + Ant 1 11b Ch01	
Simultaneously	Horizontal	Vertical
Peak		
Avg.		

2.4GHz 2400~2483.5MHz, 5GHz 5150~5250MHz (Harmonic @ 3m)

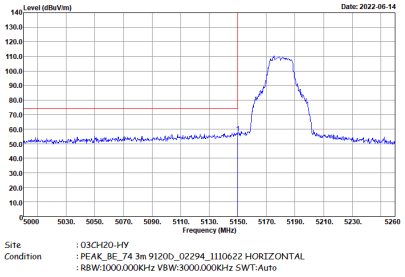
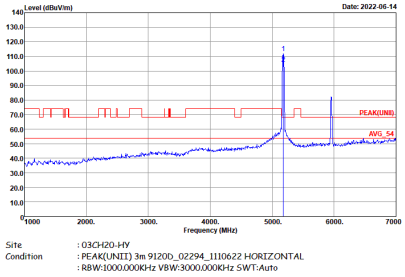
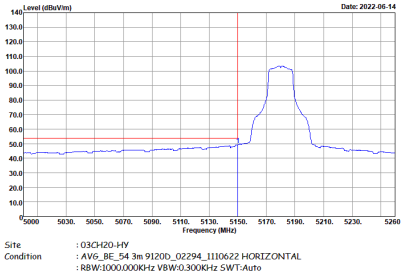
ANT	Mode 13: Ant 0 11a Ch36 + Ant 1 11b Ch01	
Simultaneously	Horizontal	Vertical
Peak Avg.		

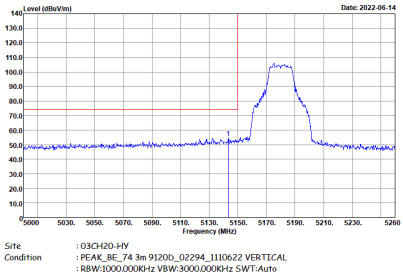
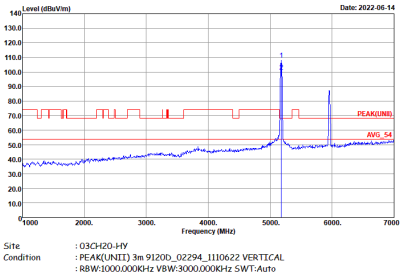
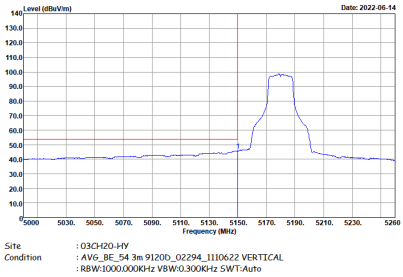
6GHz 5925~6425MHz (Band Edge @ 3m)

ANT	Mode 14: Ant 0 11a Ch01 + Ant 1 11a Ch36	
Simultaneously	Horizontal	Fundamental
Peak		
Avg.		Left Blank

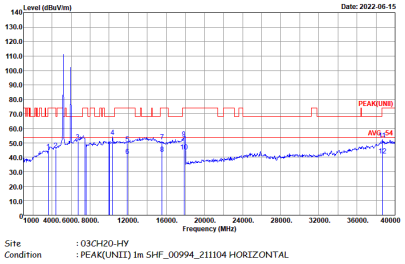
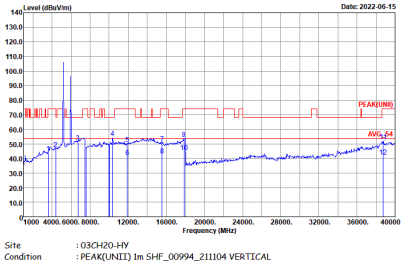
ANT	Mode 14: Ant 0 11a Ch01 + Ant 1 11a Ch36	
Simultaneously	Vertical	Fundamental
Peak		
Avg.		Left Blank

5GHz 5150~5250MHz (Band Edge @ 3m)

ANT	Mode 14: Ant 0 11a Ch01 + Ant 1 11a Ch36	
Simultaneously	Horizontal	Vertical
Peak		
Avg.		Left Blank

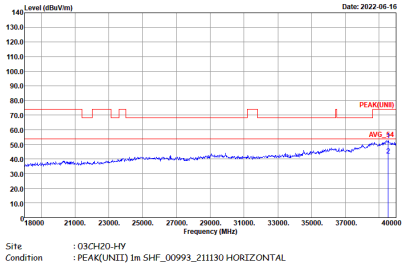
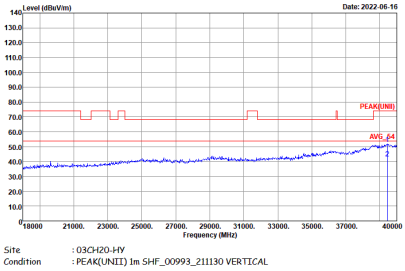
ANT	Mode 14: Ant 0 11a Ch01 + Ant 1 11a Ch36	
Simultaneously	Horizontal	Vertical
Peak		
Avg.		Left Blank

6GHz 5925~6425MHz, 5GHz 5150~5250MHz (Harmonic @ 3m)

ANT	Mode 14: Ant 0 11a Ch01 + Ant 1 11a Ch36	
Simultaneously	Horizontal	Vertical
Peak Avg.		

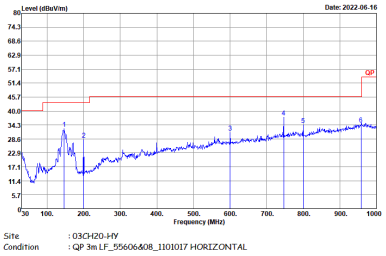
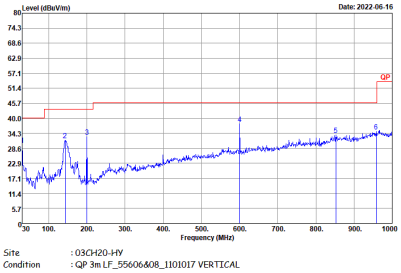
Emission above 18GHz

2.4GHz 2400~2483.5MHz (SHF)

ANT	Mode 2: Ant 1 11b Ch01 + Ant 2 BLE(1M) Ch18	
Simultaneously	Horizontal	Vertical
Peak Avg.		

Emission below 1GHz

2.4GHz 2400~2483.5MHz (LF)

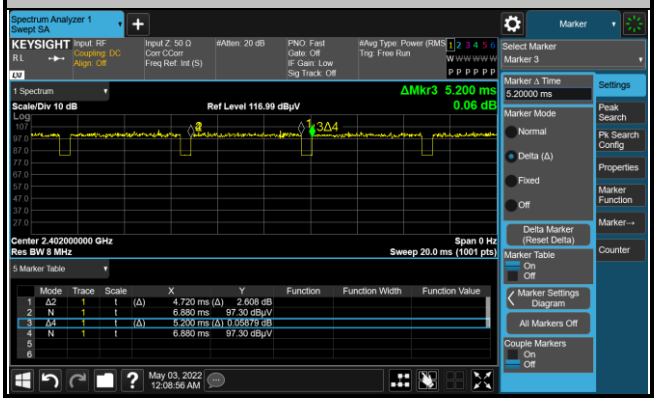
ANT	Mode 2: Ant 1 11b Ch01 + Ant 2 BLE(1M) Ch18	
Simultaneously	Horizontal	Vertical
QP / Peak		

Appendix C. Duty Cycle Plots

Antenna	Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting
2	Bluetooth - LE for 1Mbps	90.77	4720	0.21	300Hz
1	802.11b	95.89	8400	0.12	300Hz
1	2.4GHz 802.11ax HE20 Full RU	90.77	4720	0.21	300Hz
0	802.11a	89.91	4275	0.23	300Hz
1	802.11a	89.99	4279	0.23	300Hz
0+1	802.11a	90.79	4290	0.23	300Hz

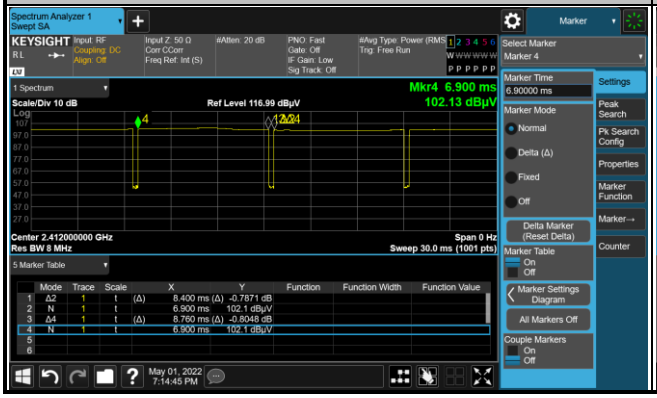
<Ant. 2>

Bluetooth – LE for 1Mbps

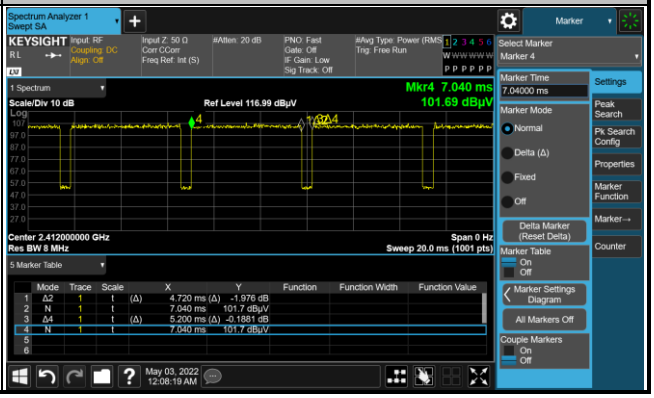


<Ant. 1>

802.11b

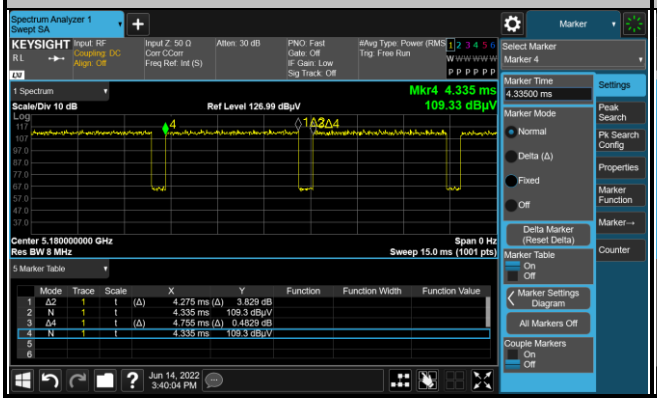


2.4GHz 802.11ax HE20 Full RU



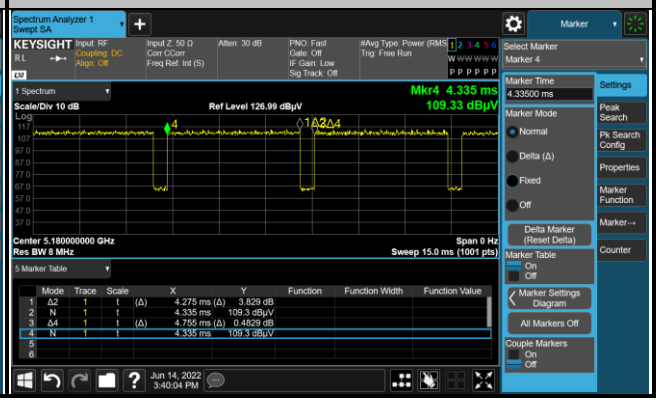
<Ant. 0>

802.11a



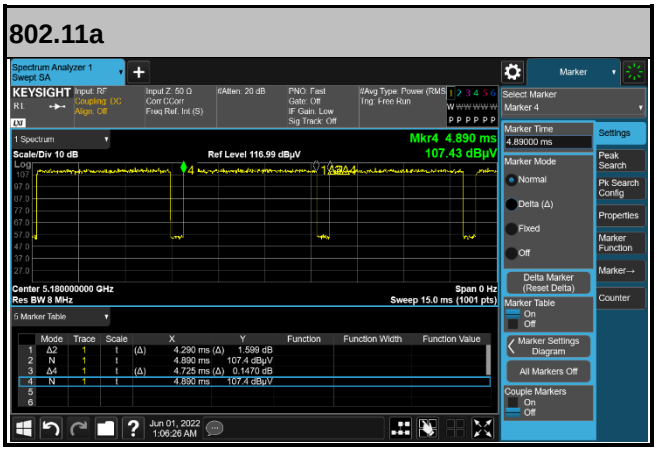
<Ant. 1>

802.11a



MIMO <Ant. 0+1>

802.11a



———THE END———