



FCC CO-LOCATION RADIO TEST REPORT

FCC ID : 2AWTZ-8462
Equipment : Digital Media Receiver
Model Name : A8H3N2
Applicant : Boulder Clay LLC
NORTH STONE OAK
18756 STONE OAK PARKWAY, SUITE 200,
SAN ANTONIO, TEXAS, 78258
Standard : FCC Part 15 Subpart E §15.407

The product was received on Sep. 03, 2020 and testing was started from Sep. 22, 2020 and completed on Oct. 15, 2020. We, SPORTON INTERNATIONAL INC., EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.

Louis Wu

Approved by: Louis Wu

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory

No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)



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History of this test report

Report No.	Version	Description	Issued Date
FR040941-01F	01	Initial issue of report	Nov. 04, 2020

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:

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

Comments and Explanations:

The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Reviewed by: Wii Chang

Report Producer: Yimin Ho

1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
Equipment	Digital Media Receiver
Model Name	A8H3N2
FCC ID	2AWTZ-8462
EUT supports Radios application	WLAN 11b/g/n HT20 WLAN 11a/n HT20/HT40 WLAN 11ac VHT20/VHT40/VHT80 Bluetooth BR/EDR/LE

1.2 Product Specification of Equipment Under Test

Standards-related Product Specification	
Tx/Rx Frequency Range	2400 MHz ~ 2483.5 MHz 5180 MHz ~ 5240 MHz 5260 MHz ~ 5320 MHz 5500 MHz ~ 5720 MHz 5745 MHz ~ 5825 MHz
Antenna Type / Gain	<Bluetooth LE> Ant. 2 : PCB PIFA Antenna with gain 4.31 dBi <2400 MHz ~ 2483.5 MHz> Ant. 0 : PCB Loop Antenna with gain 4.97 dBi Ant. 1 : PCB PIFA Antenna with gain 3.94 dBi <5180 MHz ~ 5240 MHz> Ant. 0 : PCB Loop Antenna with gain 4.82 dBi Ant. 1 : PCB PIFA Antenna with gain 5.32 dBi <5260 MHz ~ 5320 MHz> Ant. 0 : PCB Loop Antenna with gain 4.57 dBi Ant. 1 : PCB PIFA Antenna with gain 5.16 dBi <5500 MHz ~ 5720 MHz> Ant. 0 : PCB Loop Antenna with gain 5.33 dBi Ant. 1 : PCB PIFA Antenna with gain 5.19 dBi <5745 MHz ~ 5825 MHz> Ant. 0 : PCB Loop Antenna with gain 5.03 dBi Ant. 1 : PCB PIFA Antenna with gain 5.84 dBi
Type of Modulation	Bluetooth LE : GFSK 802.11b : DSSS (DBPSK/DQPSK/CCK) 802.11a/n : OFDM (BPSK/QPSK/16QAM/64QAM)

1.3 Modification of EUT

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

1.4 Testing Location

Test Site	SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.) TEL: +886-3-327-0868 FAX: +886-3-327-0855
Test Site No.	Sporton Site No.
	03CH11-HY

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

FCC designation No.: TW0007

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 KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
- ♦ FCC KDB Publication No. 558074 D01 DTS Meas. Guidance v05r02
- ♦ 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 (2Mbps)					
Channel	Freq. (MHz)	Channel	Freq. (MHz)	Channel	Freq. (MHz)
0	2402	11	2424	25	2452
1	2404	18	2438	37	2476
3	2408	19	2440	39	2480

2400-2483.5 MHz							
802.11b				802.11n HT20			
Channel	Freq. (MHz)	Channel	Freq. (MHz)	Channel	Freq. (MHz)	Channel	Freq. (MHz)
1	2412	8	2447	1	2412	11	2462
6	2437	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	149	5745
-	-	-	-	-	-	165	5825

2.2 Test Mode

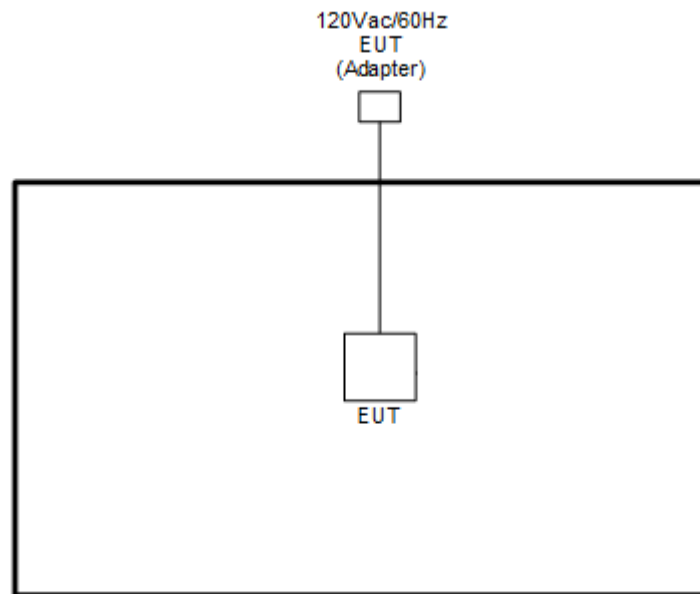
Final test modes are considering the modulation and worse data rates as below table.

<Co-Location>

Modulation	Data Rate
Bluetooth - LE for Ant. 2 + 2.4GHz 802.11b for MIMO Ant. 0+1	2Mbps + 1Mbps
Bluetooth - LE for Ant. 2 + 2.4GHz 802.11n HT20 for MIMO Ant. 0+1	2Mbps + MCS0
Bluetooth - LE for Ant. 2 + 5GHz 802.11a for MIMO Ant. 0+1	2Mbps + 6Mbps

Remark: All the tests were performed with Adapter (AP20 WR).

2.3 Connection Diagram of Test System



2.4 EUT Operation Test Setup

The RF test items, utility "Compliance v1.0.0.89" 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) 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.

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

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

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

- (i) Sections 15.407(b)(1-3) specifies the unwanted emissions limit for the U-NII-1 and U-NII-2 bands. As specified, emissions above 1000 MHz that are outside of the restricted bands are subject to a peak emission limit of -27 dBm/MHz.
- (ii) Section 15.407(b)(4) specifies the unwanted emissions limit for the U-NII-3 band. A band emissions mask is specified in Section 15.407(b)(4)(i). The emission limits are based on the use of a peak detector.

3.1.2 Measuring Instruments

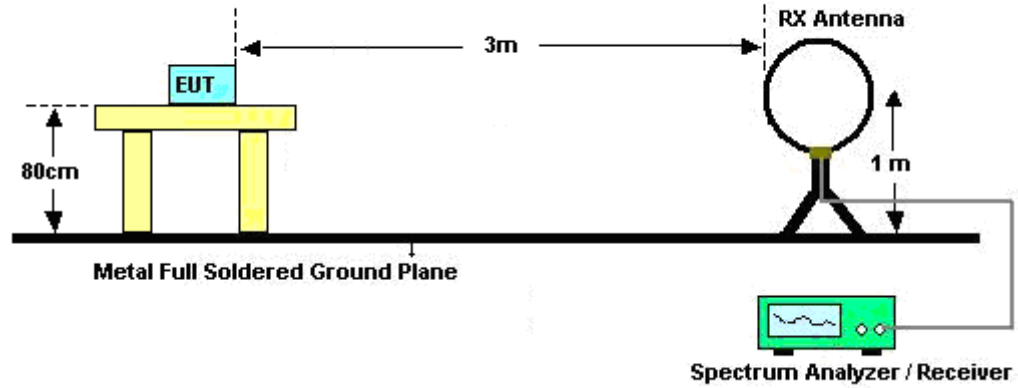
See list of measuring equipment of this test report.

3.1.3 Test Procedures

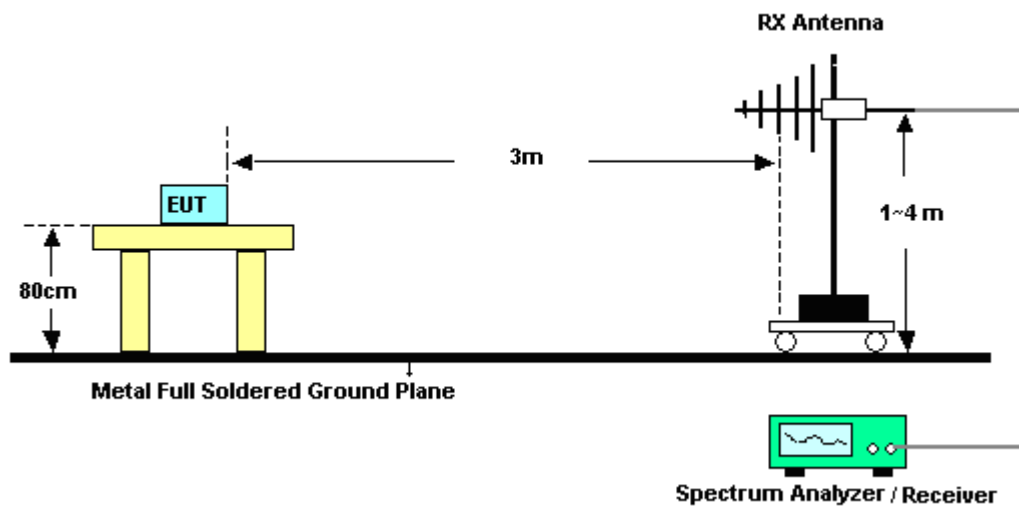
1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section G) Unwanted emissions measurement.
 - (1) Procedure for Unwanted Emissions Measurements Below 1000MHz
 - RBW = 120 kHz
 - VBW = 300 kHz
 - Detector = Peak
 - Trace mode = max hold
 - (2) Procedure for Peak Unwanted Emissions Measurements Above 1000 MHz
 - RBW = 1 MHz
 - VBW $\geq$ 3 MHz
 - Detector = Peak
 - Sweep time = auto
 - Trace mode = max hold
 - (3) Procedures for Average Unwanted Emissions Measurements Above 1000MHz
 - RBW = 1 MHz
 - VBW = 10 Hz, when duty cycle is no less than 98 percent.
 - VBW $\geq$ 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.
2. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
3. The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
4. 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 1GHz, if the emission level of the EUT in peak mode was 3 dB lower than the limit specified, then peak values of EUT will be reported, otherwise, the emissions will be repeated one by one using the CISPR quasi-peak method and reported.
7. For testing above 1GHz, the emission level of the EUT in peak mode was 20dB lower than average limit (that means the emission level in average mode also complies with the limit in average mode), then peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.

3.1.4 Test Setup

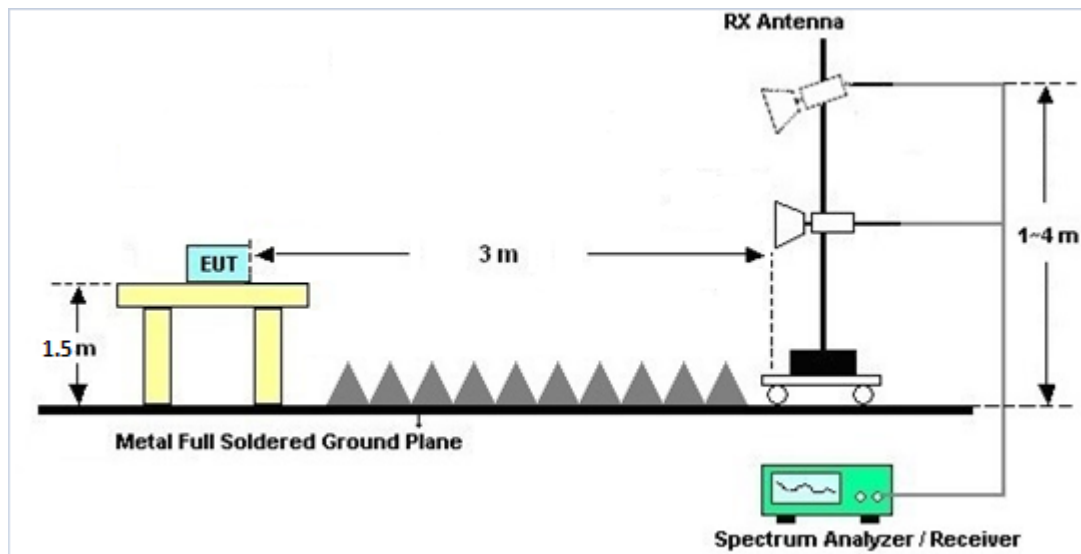
For radiated emissions below 30MHz



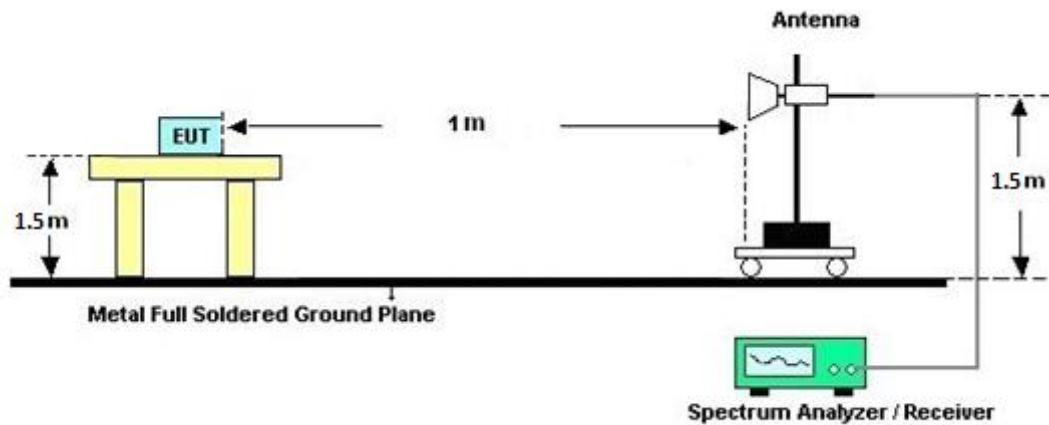
For radiated emissions from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



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

3.1.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix A and B.

3.1.7 Duty Cycle

Please refer to Appendix C.

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

Please refer to Appendix A and B.



3.2 Antenna Requirements

3.2.1 Standard Applicable

If transmitting antenna directional gain is greater than 6 dBi, both the peak transmit power and the peak power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

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
Amplifier	SONOMA	310N	187312	9kHz~1GHz	Dec. 03, 2019	Sep. 22, 2020~ Oct. 15, 2020	Dec. 02, 2020	Radiation (03CH11-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01 N-06	41912 & 05	30MHz~1GHz	Feb. 09, 2020	Sep. 22, 2020~ Oct. 15, 2020	Feb. 08, 2021	Radiation (03CH11-HY)
Horn Antenna	SCHWARZB ECK	BBHA 9120 D	9120D-1326	1GHz ~ 18GHz	Nov. 04, 2019	Sep. 22, 2020~ Oct. 15, 2020	Nov. 03, 2020	Radiation (03CH11-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Jul. 14, 2020	Sep. 22, 2020~ Oct. 15, 2020	Jul. 13, 2021	Radiation (03CH11-HY)
Preamplifier	Keysight	83017A	MY5327008 0	1GHz~26.5GHz	Nov. 13, 2019	Sep. 22, 2020~ Oct. 15, 2020	Nov. 12, 2020	Radiation (03CH11-HY)
Spectrum Analyzer	Keysight	N9010A	MY5420048 6	10Hz ~ 44GHz	Oct. 28, 2019	Sep. 22, 2020~ Oct. 15, 2020	Oct. 27, 2020	Radiation (03CH11-HY)
Controller	EMEC	EM 1000	N/A	Control Turn table & Ant Mast	N/A	Sep. 22, 2020~ Oct. 15, 2020	N/A	Radiation (03CH11-HY)
Antenna Mast	EMEC	AM-BS-4500- B	N/A	1~4m	N/A	Sep. 22, 2020~ Oct. 15, 2020	N/A	Radiation (03CH11-HY)
Turn Table	EMEC	TT 2000	N/A	0~360 Degree	N/A	Sep. 22, 2020~ Oct. 15, 2020	N/A	Radiation (03CH11-HY)
Preamplifier	Jet-Power	JPA0118-55-3 03	1710001800 055007	1GHz~18GHz	Mar. 31, 2020	Sep. 22, 2020~ Oct. 15, 2020	Mar. 30, 2021	Radiation (03CH11-HY)
SHF-EHF Horn Antenna	SCHWARZB ECK	BBHA 9170	BBHA91705 76	18GHz- 40GHz	May 22, 2020	Sep. 22, 2020~ Oct. 15, 2020	May 21, 2021	Radiation (03CH11-HY)
Spectrum Analyzer	Keysight	N9010A	MY5420048 6	10Hz~44GHz	Oct. 28, 2019	Sep. 22, 2020~ Oct. 15, 2020	Oct. 27, 2020	Radiation (03CH11-HY)
Software	Audix	E3 6.2009-8-24	RK-001053	N/A	N/A	Sep. 22, 2020~ Oct. 15, 2020	N/A	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY9837/4P E	9kHz-30MHz	Mar. 12, 2020	Sep. 22, 2020~ Oct. 15, 2020	Mar. 11, 2021	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY2859/2	30MHz-40GHz	Mar. 12, 2020	Sep. 22, 2020~ Oct. 15, 2020	Mar. 11, 2021	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY9837/4P E	30M-18G	Mar. 12, 2020	Sep. 22, 2020~ Oct. 15, 2020	Mar. 11, 2021	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY4274/2	30MHz-40GHz	Mar. 12, 2020	Sep. 22, 2020~ Oct. 15, 2020	Mar. 11, 2021	Radiation (03CH11-HY)
Filter	Wainwright	WLK4-1000-1 530-8000-40S S	SN11	1.53GHz Low Pass Filter	Sep. 14, 2020	Sep. 22, 2020~ Oct. 15, 2020	Sep. 13, 2021	Radiation (03CH11-HY)
Filter	Wainwright	WHKX12-108 0-1200-15000- 60SS	SN2	1.2GHz High Pass Filter	Sep. 14, 2020	Sep. 22, 2020~ Oct. 15, 2020	Sep. 13, 2021	Radiation (03CH11-HY)
Filter	Wainwright	WHKX12-270 0-3000-18000- 60SS	SN3	3GHz High Pass Filter	Sep. 14, 2020	Sep. 22, 2020~ Oct. 15, 2020	Sep. 13, 2021	Radiation (03CH11-HY)
Filter	Wainwright	WHKX8-5872. 5-6750-18000- 40SS	SN3	6.75GHz High Pass Filter	Sep. 14, 2020	Sep. 22, 2020~ Oct. 15, 2020	Sep. 13, 2021	Radiation (03CH11-HY)
Hygrometer	TECPEL	DTN-303B	TP140325	N/A	Nov. 07, 2019	Sep. 22, 2020~ Oct. 15, 2020	Nov. 06, 2020	Radiation (03CH11-HY)
Hygrometer	TECPEL	DTN-303B	TP161237	N/A	Oct. 25, 2019	Sep. 22, 2020~ Oct. 15, 2020	Oct. 24, 2020	Radiation (03CH11-HY)

5 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.4
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Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.2
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Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.1
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Appendix A. Radiated Spurious Emission

Test Engineer :	Bill Chang, Fu Chen and Troye Hsieh	Temperature :	19.8~23.4°C
		Relative Humidity :	55.9~69.5%

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

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
Mode 1 Ant 0+1 11n HT20 Ch01 + Ant 2 BLE(2M) Ch00		2388.75	60.35	-13.65	74	49.44	27.52	16.62	33.23	285	233	P	H
		2390	50.25	-3.75	54	39.34	27.52	16.62	33.23	285	233	A	H
	*	2412	111.48	-	-	100.59	27.48	16.64	33.23	285	233	P	H
	*	2412	104.35	-		93.46	27.48	16.64	33.23	285	233	A	H
		2389.59	62.71	-11.29	74	51.8	27.52	16.62	33.23	316	56	P	V
		2390	49.11	-4.89	54	38.2	27.52	16.62	33.23	316	56	A	V
	*	2412	111.45	-	-	100.56	27.48	16.64	33.23	316	56	P	V
	*	2412	104.95	-		94.06	27.48	16.64	33.23	316	56	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)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
Mode 1 Ant 0+1 11n HT20 Ch01 + Ant 2 BLE(2M) Ch00		2389.695	58.58	-15.42	74	47.67	27.52	16.62	33.23	127	293	P	H
		2389.905	48.09	-5.91	54	37.18	27.52	16.62	33.23	127	293	A	H
	*	2402	102.79	-	-	91.89	27.5	16.63	33.23	127	293	P	H
	*	2402	100.1	-		89.2	27.5	16.63	33.23	127	293	A	H
		2389.905	60.89	-13.11	74	49.98	27.52	16.62	33.23	122	199	P	V
		2389.17	49.3	-4.7	54	38.39	27.52	16.62	33.23	122	199	A	V
	*	2402	105.08	-	-	94.18	27.5	16.63	33.23	122	199	P	V
	*	2402	100.93	-		90.03	27.5	16.63	33.23	122	199	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)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
Mode 1 Ant 0+1 11n HT20 Ch01 + Ant 2 BLE(2M) Ch00		2390	68.19	-5.81	74	57.28	27.52	16.62	33.23	254	234	P	H
		2390	53.32	-0.68	54	42.41	27.52	16.62	33.23	254	234	A	H
		2390	67.39	-6.61	74	56.48	27.52	16.62	33.23	133	200	P	V
		2390	51.12	-2.88	54	40.21	27.52	16.62	33.23	133	200	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)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
Mode 1 Ant 0+1 11n HT20 Ch01 + Ant 2 BLE(2M) Ch00		4804	44.15	-29.85	74	62.64	31	10.97	60.46	100	0	P	H
		4824	44	-30	74	62.46	31	10.98	60.44	100	0	P	H
		17985	56.91	-17.09	74	42.53	46.87	24.25	56.74	100	0	P	H
		17985	46.06	-7.94	54	31.68	46.87	24.25	56.74	100	0	A	H
		4804	45.52	-28.48	74	64.01	31	10.97	60.46	100	0	P	V
		4824	44.21	-29.79	74	62.67	31	10.98	60.44	100	0	P	V
		18000	57.7	-16.3	74	42.93	47.2	24.27	56.7	100	0	P	V
		18000	46.85	-7.15	54	32.08	47.2	24.27	56.7	100	0	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)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
Mode 2 Ant 0+1 11b Ch01 + Ant 2 BLE(2M) Ch18		2385.495	56.14	-17.86	74	45.23	27.53	16.62	33.24	278	235	P	H
		2385.915	47.25	-6.75	54	36.34	27.53	16.62	33.24	278	235	A	H
	*	2412	110.32	-	-	99.43	27.48	16.64	33.23	278	235	P	H
	*	2412	107.29	-		96.4	27.48	16.64	33.23	278	235	A	H
		2385.915	55.71	-18.29	74	44.8	27.53	16.62	33.24	148	260	P	V
		2386.02	46.55	-7.45	54	35.64	27.53	16.62	33.24	148	260	A	V
	*	2412	110.38	-	-	99.49	27.48	16.64	33.23	148	260	P	V
	*	2412	107.31	-		96.42	27.48	16.64	33.23	148	260	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)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
Mode 2 Ant 0+1 11b Ch01 + Ant 2 BLE(2M) Ch18		2385.84	55.07	-18.93	74	44.16	27.53	16.62	33.24	200	36	P	H
		2386	47.57	-6.43	54	36.66	27.53	16.62	33.24	200	36	A	H
	*	2438	105.91	-	-	95.04	27.42	16.67	33.22	200	36	P	H
	*	2438	104.37	-		93.5	27.42	16.67	33.22	200	36	A	H
		2493.76	52.9	-21.1	74	42.16	27.22	16.73	33.21	200	36	P	H
		2484.48	43.04	-10.96	54	32.27	27.26	16.72	33.21	200	36	A	H
		2385.84	56.08	-17.92	74	45.17	27.53	16.62	33.24	117	204	P	V
		2385.84	48.92	-5.08	54	38.01	27.53	16.62	33.24	117	204	A	V
	*	2438	105.27	-	-	94.4	27.42	16.67	33.22	117	204	P	V
	*	2438	103.66	-		92.79	27.42	16.67	33.22	117	204	A	V
		2495.44	53.68	-20.32	74	42.94	27.22	16.73	33.21	117	204	P	V
		2488.64	43.05	-10.95	54	32.28	27.25	16.73	33.21	117	204	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)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
Mode 2 Ant 0+1 11b Ch01 + Ant 2 BLE(2M) Ch18		2386	59.57	-14.43	74	48.66	27.53	16.62	33.24	296	47	P	H
		2386	52.31	-1.69	54	41.4	27.53	16.62	33.24	296	47	A	H
		2386	59.94	-14.06	74	49.03	27.53	16.62	33.24	400	60	P	V
		2386	53.12	-0.88	54	42.21	27.53	16.62	33.24	400	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 ((Harmonic @ 3m)**

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
Mode 2 Ant 0+1 11b Ch01 + Ant 2 BLE(2M) Ch18		4824	43	-31	74	61.46	31	10.98	60.44	100	0	P	H
		4876	40.76	-33.24	74	59.15	31	11.01	60.4	100	0	P	H
		7314	41.94	-32.06	74	51.17	36.5	13.38	59.11	100	0	P	H
		18000	57.77	-16.23	74	43	47.2	24.27	56.7	100	0	P	H
		18000	46.82	-7.18	54	32.05	47.2	24.27	56.7	100	0	A	H
		4824	43.87	-30.13	74	62.33	31	10.98	60.44	100	0	P	V
		4876	40.02	-33.98	74	58.41	31	11.01	60.4	100	0	P	V
		7314	43.07	-30.93	74	52.3	36.5	13.38	59.11	100	0	P	V
		17985	56.32	-17.68	74	41.94	46.87	24.25	56.74	100	0	P	V
		17985	45.66	-8.34	54	31.28	46.87	24.25	56.74	100	0	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)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
Mode 3 Ant 0+1 11b Ch01 + Ant 2 BLE(2M) Ch25		2372.16	57.48	-16.52	74	46.56	27.56	16.6	33.24	249	6	P	H
		2372.055	48.36	-5.64	54	37.44	27.56	16.6	33.24	249	6	A	H
	*	2412	110.79	-	-	99.9	27.48	16.64	33.23	249	6	P	H
	*	2412	107.74	-		96.85	27.48	16.64	33.23	249	6	A	H
		2372.58	56.51	-17.49	74	45.6	27.55	16.6	33.24	400	65	P	V
		2371.95	49.24	-4.76	54	38.32	27.56	16.6	33.24	400	65	A	V
	*	2412	112.77	-	-	101.88	27.48	16.64	33.23	400	65	P	V
	*	2412	109.61	-		98.72	27.48	16.64	33.23	400	65	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)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
Mode 3 Ant 0+1 11b Ch01 + Ant 2 BLE(2M) Ch25		2372.24	54.91	-19.09	74	43.99	27.56	16.6	33.24	195	34	P	H
		2371.92	48.63	-5.37	54	37.71	27.56	16.6	33.24	195	34	A	H
	*	2452	103.24	-	-	92.38	27.39	16.69	33.22	195	34	P	H
	*	2452	101.26	-		90.4	27.39	16.69	33.22	195	34	A	H
		2494.56	55.63	-18.37	74	44.89	27.22	16.73	33.21	195	34	P	H
		2492.56	47.84	-6.16	54	37.09	27.23	16.73	33.21	195	34	A	H
		2352.88	53.94	-20.06	74	43.01	27.59	16.58	33.24	104	203	P	V
		2371.76	44.88	-9.12	54	33.96	27.56	16.6	33.24	104	203	A	V
	*	2452	102.46	-	-	91.6	27.39	16.69	33.22	104	203	P	V
	*	2452	100.95	-		90.09	27.39	16.69	33.22	104	203	A	V
		2492.96	56.05	-17.95	74	45.3	27.23	16.73	33.21	104	203	P	V
		2492.48	48.22	-5.78	54	37.47	27.23	16.73	33.21	104	203	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)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
Mode 3 Ant 0+1 11b Ch01 + Ant 2 BLE(2M) Ch25		2372	59.74	-14.26	74	48.82	27.56	16.6	33.24	300	44	P	H
		2372	52.77	-1.23	54	41.85	27.56	16.6	33.24	300	44	A	H
		2372	59.38	-14.62	74	48.46	27.56	16.6	33.24	375	68	P	V
		2372	52.7	-1.3	54	41.78	27.56	16.6	33.24	375	68	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)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
Mode 3 Ant 0+1 11b Ch01 + Ant 2 BLE(2M) Ch25		2492	58.02	-15.98	74	47.27	27.23	16.73	33.21	117	31	P	H
		2492	46.51	-7.49	54	35.76	27.23	16.73	33.21	117	31	A	H
		2492	58.19	-15.81	74	47.44	27.23	16.73	33.21	100	201	P	V
		2492	49.92	-4.08	54	39.17	27.23	16.73	33.21	100	201	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)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
Mode 3 Ant 0+1 11b Ch01 + Ant 2 BLE(2M) Ch25		4824	45.24	-28.76	74	63.7	31	10.98	60.44	100	0	P	H
		4904	41.38	-32.62	74	59.74	31.01	11.01	60.38	100	0	P	H
		7356	44.21	-29.79	74	53.5	36.48	13.32	59.09	100	0	P	H
		18000	58.57	-15.43	74	43.8	47.2	24.27	56.7	100	0	P	H
		18000	47.69	-6.31	54	32.92	47.2	24.27	56.7	100	0	A	H
		4824	45.66	-28.34	74	64.12	31	10.98	60.44	100	0	P	V
		4904	41.13	-32.87	74	59.49	31.01	11.01	60.38	100	0	P	V
		7356	48.61	-25.39	74	57.9	36.48	13.32	59.09	100	0	P	V
		17985	57.97	-16.03	74	43.59	46.87	24.25	56.74	100	0	P	V
		17985	47.41	-6.59	54	33.03	46.87	24.25	56.74	100	0	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)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
Mode 4 Ant 0+1 11b Ch06 + Ant 2 BLE(2M) Ch03		2330.96	53.41	-20.59	74	42.46	27.64	16.56	33.25	259	247	P	H
		2385.04	42.87	-11.13	54	31.96	27.53	16.62	33.24	259	247	A	H
	*	2437	110.87	-	-	99.99	27.43	16.67	33.22	259	247	P	H
	*	2437	107.99	-		97.11	27.43	16.67	33.22	259	247	A	H
		2492.4	53.16	-20.84	74	42.41	27.23	16.73	33.21	259	247	P	H
		2491.92	43.18	-10.82	54	32.43	27.23	16.73	33.21	259	247	A	H
		2375.76	54.62	-19.38	74	43.7	27.55	16.61	33.24	352	70	P	V
		2381.04	44.49	-9.51	54	33.58	27.54	16.61	33.24	352	70	A	V
	*	2437	113.12	-	-	102.24	27.43	16.67	33.22	352	70	P	V
	*	2437	110.2	-		99.32	27.43	16.67	33.22	352	70	A	V
		2492	54.19	-19.81	74	43.44	27.23	16.73	33.21	352	70	P	V
		2491.92	44	-10	54	33.25	27.23	16.73	33.21	352	70	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)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
Mode 4 Ant 0+1 11b Ch06 + Ant 2 BLE(2M) Ch03		2377.305	56.33	-17.67	74	45.41	27.55	16.61	33.24	336	89	P	H
		2379.93	47.28	-6.72	54	36.37	27.54	16.61	33.24	336	89	A	H
	*	2408	102.15	-	-	91.26	27.48	16.64	33.23	336	89	P	H
	*	2408	100.6	-		89.71	27.48	16.64	33.23	336	89	A	H
		2376.99	56.52	-17.48	74	45.6	27.55	16.61	33.24	272	265	P	V
		2378.46	49.1	-4.9	54	38.19	27.54	16.61	33.24	272	265	A	V
	*	2408	103.33	-	-	92.44	27.48	16.64	33.23	272	265	P	V
	*	2408	101.57	-		90.68	27.48	16.64	33.23	272	265	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)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
Mode 4 Ant 0+1 11b Ch06 + Ant 2 BLE(2M) Ch03		2379	57.78	-16.22	74	46.87	27.54	16.61	33.24	300	50	P	H
		2379	50.24	-3.76	54	39.33	27.54	16.61	33.24	300	50	A	H
		2379	58.67	-15.33	74	47.76	27.54	16.61	33.24	244	279	P	V
		2379	51.54	-2.46	54	40.63	27.54	16.61	33.24	244	279	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)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
Mode 4 Ant 0+1 11b Ch06 + Ant 2 BLE(2M) Ch03		4816	41.57	-32.43	74	60.04	31	10.98	60.45	100	0	P	H
		4874	47.2	-26.8	74	65.6	31	11	60.4	100	0	P	H
		7224	43.27	-30.73	74	52.73	36.19	13.52	59.17	100	0	P	H
		7311	49.97	-24.03	74	59.19	36.5	13.39	59.11	100	0	P	H
		17985	56.93	-17.07	74	42.55	46.87	24.25	56.74	100	0	P	H
		17985	45.95	-8.05	54	31.57	46.87	24.25	56.74	100	0	A	H
		4816	40.82	-33.18	74	59.29	31	10.98	60.45	100	0	P	V
		4874	47.5	-26.5	74	65.9	31	11	60.4	100	0	P	V
		7224	44.22	-29.78	74	53.68	36.19	13.52	59.17	100	0	P	V
		7311	49.6	-24.4	74	58.82	36.5	13.39	59.11	100	0	P	V
		17985	57.22	-16.78	74	42.84	46.87	24.25	56.74	100	0	P	V
		17985	46.33	-7.67	54	31.95	46.87	24.25	56.74	100	0	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)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
Mode 5 Ant 0+1 11b Ch08 + Ant 2 BLE(2M) Ch01		2369.2	53.88	-20.12	74	42.96	27.56	16.6	33.24	400	189	P	H
		2359.28	43.2	-10.8	54	32.27	27.58	16.59	33.24	400	189	A	H
	*	2447	111.03	-	-	100.16	27.41	16.68	33.22	400	189	P	H
	*	2447	108.1	-		97.23	27.41	16.68	33.22	400	189	A	H
		2490.16	54.92	-19.08	74	44.16	27.24	16.73	33.21	400	189	P	H
		2490	44.6	-9.4	54	33.84	27.24	16.73	33.21	400	189	A	H
		2358.48	54.5	-19.5	74	43.57	27.58	16.59	33.24	303	75	P	V
		2360.72	44.68	-9.32	54	33.75	27.58	16.59	33.24	303	75	A	V
	*	2447	113.07	-	-	102.2	27.41	16.68	33.22	303	75	P	V
	*	2447	110.1	-		99.23	27.41	16.68	33.22	303	75	A	V
		2490.56	55.99	-18.01	74	45.23	27.24	16.73	33.21	303	75	P	V
		2490.08	46.47	-7.53	54	35.71	27.24	16.73	33.21	303	75	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)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
Mode 5 Ant 0+1 11b Ch08 + Ant 2 BLE(2M) Ch01		2360.085	55.2	-18.8	74	44.27	27.58	16.59	33.24	303	307	P	H
		2360.715	46.63	-7.37	54	35.7	27.58	16.59	33.24	303	307	A	H
	*	2404	101.92	-	-	91.03	27.49	16.63	33.23	303	307	P	H
	*	2404	100.32	-	-	89.43	27.49	16.63	33.23	303	307	A	H
		2361.45	57.91	-16.09	74	46.98	27.58	16.59	33.24	269	270	P	V
		2361.03	49.34	-4.66	54	38.41	27.58	16.59	33.24	269	270	A	V
	*	2404	103.77	-	-	92.88	27.49	16.63	33.23	269	270	P	V
	*	2404	102.26	-	-	91.37	27.49	16.63	33.23	269	270	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)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
Mode 5 Ant 0+1 11b Ch08 + Ant 2 BLE(2M) Ch01		2361	57.81	-16.19	74	46.88	27.58	16.59	33.24	100	289	P	H
		2361	48.6	-5.4	54	37.67	27.58	16.59	33.24	100	289	A	H
		2361	59.04	-14.96	74	48.11	27.58	16.59	33.24	279	269	P	V
		2361	51.25	-2.75	54	40.32	27.58	16.59	33.24	279	269	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)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
Mode 5 Ant 0+1 11b Ch08 + Ant 2 BLE(2M) Ch01		2490	57.95	-16.05	74	47.19	27.24	16.73	33.21	315	22	P	H
		2490	50.48	-3.52	54	39.72	27.24	16.73	33.21	315	22	A	H
		2490	58.71	-15.29	74	47.95	27.24	16.73	33.21	307	59	P	V
		2490	52.53	-1.47	54	41.77	27.24	16.73	33.21	307	59	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)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
Mode 5 Ant 0+1 11b Ch08 + Ant 2 BLE(2M) Ch01		4824	39.94	-34.06	74	58.4	31	10.98	60.44	100	0	P	H
		4894	46.69	-27.31	74	65.05	31	11.02	60.38	100	0	P	H
		7341	54.42	-19.58	74	63.68	36.5	13.34	59.1	400	10	P	H
		7341	50.4	-3.6	54	59.66	36.5	13.34	59.1	400	10	A	H
		17970	56.17	-17.83	74	42.19	46.54	24.22	56.78	100	0	P	H
		17970	45.17	-8.83	54	31.19	46.54	24.22	56.78	100	0	A	H
		4824	41.08	-32.92	74	59.54	31	10.98	60.44	100	0	P	V
		4894	46.81	-27.19	74	65.17	31	11.02	60.38	100	0	P	V
		7341	53.27	-20.73	74	62.53	36.5	13.34	59.1	250	23	P	V
		7341	48.44	-5.56	54	57.7	36.5	13.34	59.1	250	23	A	V
		17985	56.07	-17.93	74	41.69	46.87	24.25	56.74	100	0	P	V
		17985	45.19	-8.81	54	30.81	46.87	24.25	56.74	100	0	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)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
Mode 6 Ant 0+1 11b Ch11 + Ant 2 BLE(2M) Ch11	*	2462	110.99	-	-	100.16	27.35	16.7	33.22	400	195	P	H
	*	2462	108.07	-		97.24	27.35	16.7	33.22	400	195	A	H
		2499.28	56.06	-17.94	74	45.33	27.2	16.74	33.21	400	195	P	H
		2499.96	45.93	-8.07	54	35.2	27.2	16.74	33.21	400	195	A	H
	*	2462	113.36	-	-	102.53	27.35	16.7	33.22	281	61	P	V
	*	2462	110.39	-		99.56	27.35	16.7	33.22	281	61	A	V
		2491.16	54.96	-19.04	74	44.2	27.24	16.73	33.21	281	61	P	V
		2488.28	45.07	-8.93	54	34.3	27.25	16.73	33.21	281	61	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)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
Mode 6 Ant 0+1 11b Ch11 + Ant 2 BLE(2M) Ch11		2386.48	55.83	-18.17	74	44.91	27.53	16.62	33.23	295	56	P	H
		2385.52	48.02	-5.98	54	37.11	27.53	16.62	33.24	295	56	A	H
	*	2424	103.38	-	-	92.5	27.45	16.66	33.23	295	56	P	H
	*	2424	101.87	-		90.99	27.45	16.66	33.23	295	56	A	H
		2488.32	52.92	-21.08	74	42.15	27.25	16.73	33.21	295	56	P	H
		2487.84	43.45	-10.55	54	32.68	27.25	16.73	33.21	295	56	A	H
		2387.12	56.87	-17.13	74	45.95	27.53	16.62	33.23	238	268	P	V
		2386.64	50.19	-3.81	54	39.27	27.53	16.62	33.23	238	268	A	V
	*	2424	103.64	-	-	92.76	27.45	16.66	33.23	238	268	P	V
	*	2424	101.87	-		90.99	27.45	16.66	33.23	238	268	A	V
		2499.44	53.78	-20.22	74	43.05	27.2	16.74	33.21	238	268	P	V
		2499.92	45.76	-8.24	54	35.03	27.2	16.74	33.21	238	268	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)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
Mode 6 Ant 0+1 11b Ch11 + Ant 2 BLE(2M) Ch11		2386	58.57	-15.43	74	47.66	27.53	16.62	33.24	268	59	P	H
		2386	50.75	-3.25	54	39.84	27.53	16.62	33.24	268	59	A	H
		2386	59.53	-14.47	74	48.62	27.53	16.62	33.24	242	267	P	V
		2386	52.03	-1.97	54	41.12	27.53	16.62	33.24	242	267	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)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
Mode 6 Ant 0+1 11b Ch11 + Ant 2 BLE(2M) Ch11		2500	57.1	-16.9	74	46.37	27.2	16.74	33.21	352	93	P	H
		2500	49.47	-4.53	54	38.74	27.2	16.74	33.21	352	93	A	H
		2500	56.75	-17.25	74	46.02	27.2	16.74	33.21	100	192	P	V
		2500	49.25	-4.75	54	38.52	27.2	16.74	33.21	100	192	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)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
Mode 6 Ant 0+1 11b Ch11 + Ant 2 BLE(2M) Ch11		4848	40.3	-33.7	74	58.73	31	10.99	60.42	100	0	P	H
		4924	43.29	-30.71	74	61.58	31.05	11.02	60.36	100	0	P	H
		7272	43.21	-30.79	74	52.47	36.44	13.44	59.14	100	0	P	H
		7386	48.34	-25.66	74	57.78	36.36	13.27	59.07	100	0	P	H
		17985	57.64	-16.36	74	43.26	46.87	24.25	56.74	100	0	P	H
		17985	46.7	-7.3	54	32.32	46.87	24.25	56.74	100	0	A	H
		4848	40.54	-33.46	74	58.97	31	10.99	60.42	100	0	P	V
		4924	42.53	-31.47	74	60.82	31.05	11.02	60.36	100	0	P	V
		7272	43.24	-30.76	74	52.5	36.44	13.44	59.14	100	0	P	V
		7386	47.29	-26.71	74	56.73	36.36	13.27	59.07	100	0	A	V
		18000	57.14	-16.86	74	42.37	47.2	24.27	56.7	100	0	P	V
		18000	46.18	-7.82	54	31.41	47.2	24.27	56.7	100	0	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)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
Mode 7 Ant 0+1 11n HT20 Ch11 + Ant 2 BLE(2M) Ch39	*	2462	113.03	-	-	102.2	27.35	16.7	33.22	300	192	P	H
	*	2462	105.44	-		94.61	27.35	16.7	33.22	300	192	A	H
		2484.08	63.76	-10.24	74	52.99	27.26	16.72	33.21	300	192	P	H
		2485.52	51.45	-2.55	54	40.68	27.26	16.72	33.21	300	192	A	H
	*	2462	113.55	-	-	102.72	27.35	16.7	33.22	265	79	P	V
	*	2462	106.39	-	-	95.56	27.35	16.7	33.22	265	79	A	V
		2485.76	65.85	-8.15	74	55.08	27.26	16.72	33.21	265	79	P	V
		2486.08	52.55	-1.45	54	41.78	27.26	16.72	33.21	265	79	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)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
Mode 7 Ant 0+1 11n HT20 Ch11 + Ant 2 BLE(2M) Ch39	*	2480	105.66	-	-	94.87	27.28	16.72	33.21	169	31	P	H
	*	2480	104.05	-		93.26	27.28	16.72	33.21	169	31	A	H
		2483.5	59.62	-14.38	74	48.84	27.27	16.72	33.21	169	31	P	H
		2483.5	49.57	-4.43	54	38.79	27.27	16.72	33.21	169	31	A	H
	*	2480	104.76	-	-	93.97	27.28	16.72	33.21	100	203	P	V
	*	2480	103.8	-		93.01	27.28	16.72	33.21	100	203	A	V
		2483.6	60.87	-13.13	74	50.09	27.27	16.72	33.21	100	203	P	V
		2483.5	50.19	-3.81	54	39.41	27.27	16.72	33.21	100	203	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)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
Mode 7 Ant 0+1 11n HT20 Ch11 + Ant 2 BLE(2M) Ch39		2498	60.64	-13.36	74	49.9	27.21	16.74	33.21	124	35	P	H
		2498	50.62	-3.38	54	39.88	27.21	16.74	33.21	124	35	A	H
		2498	60.6	-13.4	74	49.86	27.21	16.74	33.21	100	203	P	V
		2498	50.39	-3.61	54	39.65	27.21	16.74	33.21	100	203	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)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
Mode 7 Ant 0+1 11n HT20 Ch11 + Ant 2 BLE(2M) Ch39		4924	45.63	-28.37	74	63.92	31.05	11.02	60.36	100	0	P	H
		4960	42.12	-31.88	74	60.26	31.14	11.05	60.33	100	0	P	H
		7386	56.09	-17.91	74	65.53	36.36	13.27	59.07	400	10	P	H
		7386	42.78	-11.22	54	52.22	36.36	13.27	59.07	400	10	A	H
		7440	44.6	-29.4	74	54	36.38	13.26	59.04	100	0	P	H
		17985	57.79	-16.21	74	43.41	46.87	24.25	56.74	100	0	P	H
		17985	46.71	-7.29	54	32.33	46.87	24.25	56.74	100	0	A	H
		4924	46.52	-27.48	74	64.81	31.05	11.02	60.36	100	0	P	V
		4960	40.1	-33.9	74	58.24	31.14	11.05	60.33	100	0	P	V
		7386	48.82	-25.18	74	58.26	36.36	13.27	59.07	100	0	P	V
		7440	42.61	-31.39	74	52.01	36.38	13.26	59.04	100	0	P	V
		17985	58.21	-15.79	74	43.83	46.87	24.25	56.74	100	0	P	V
		17985	47.27	-6.73	54	32.89	46.87	24.25	56.74	100	0	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)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
Mode 8 Ant 0+1 11a Ch36 + Ant 2 BLE(2M) Ch19		5148.72	53.08	-20.92	74	44.12	31.8	9.97	32.81	100	248	P	H
		5148.72	45.22	-8.78	54	36.26	31.8	9.97	32.81	100	248	A	H
	*	5180	111.22	-	-	102.38	31.62	10.01	32.79	100	248	P	H
	*	5180	103.93	-		95.09	31.62	10.01	32.79	100	248	A	H
		5147.16	58.84	-15.16	74	49.9	31.8	9.96	32.82	264	36	P	V
		5150	47.88	-6.12	54	38.92	31.8	9.97	32.81	264	36	A	V
	*	5180	114.92	-	-	106.08	31.62	10.01	32.79	264	36	P	V
	*	5180	107.55	-		98.71	31.62	10.01	32.79	264	36	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)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
Mode 8 Ant 0+1 11a Ch36 + Ant 2 BLE(2M) Ch19		2348.08	53.49	-20.51	74	42.55	27.6	16.58	33.24	195	33	P	H
		2352.72	43.18	-10.82	54	32.25	27.59	16.58	33.24	195	33	A	H
	*	2440	106.56	-	-	95.69	27.42	16.67	33.22	195	33	P	H
	*	2440	105.04	-		94.17	27.42	16.67	33.22	195	33	A	H
		2485.76	53.43	-20.57	74	42.66	27.26	16.72	33.21	195	33	P	H
		2487.76	43.07	-10.93	54	32.3	27.25	16.73	33.21	195	33	A	H
		2327.6	53.89	-20.11	74	42.94	27.64	16.56	33.25	112	202	P	V
		2374.64	43.13	-10.87	54	32.22	27.55	16.6	33.24	112	202	A	V
	*	2440	106.16	-	-	95.29	27.42	16.67	33.22	112	202	P	V
	*	2440	104.63	-		93.76	27.42	16.67	33.22	112	202	A	V
		2484.48	54.05	-19.95	74	43.28	27.26	16.72	33.21	112	202	P	V
		2498.32	43.05	-10.95	54	32.31	27.21	16.74	33.21	112	202	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)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
Mode 8 Ant 0+1 11a Ch36 + Ant 2 BLE(2M) Ch19		4880	48.99	-25.01	74	39.5	31	11.29	32.8	100	0	P	H
		7320	45.92	-28.08	74	54.75	36.5	13.78	59.11	100	0	P	H
		10360	49.39	-18.81	68.2	54.44	39.8	17.3	62.15	100	0	P	H
		15540	45.91	-28.09	74	47.39	37.84	21.32	60.64	100	0	P	H
		17934	57.22	-16.78	74	44.58	45.75	23.76	56.87	100	0	P	H
		17934	46.33	-7.67	54	33.69	45.75	23.76	56.87	100	0	A	H
		4880	49.73	-24.27	74	40.24	31	11.29	32.8	100	0	P	V
		7320	44.98	-29.02	74	53.81	36.5	13.78	59.11	100	0	P	V
		10360	48.5	-19.7	68.2	53.55	39.8	17.3	62.15	100	0	P	V
		15540	47.46	-26.54	74	48.94	37.84	21.32	60.64	100	0	P	V
		18000	56.93	-17.07	74	42.57	47.2	23.86	56.7	100	0	P	V
		18000	45.98	-8.02	54	31.62	47.2	23.86	56.7	100	0	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
Mode 9 Ant 0+1 11a Ch64 + Ant 2 BLE(2M) Ch19	*	5320	110.92	-	-	102.14	31.36	10.13	32.71	103	300	P	H
	*	5320	103.5	-		94.72	31.36	10.13	32.71	103	300	A	H
		5351.2	53.42	-20.58	74	44.65	31.31	10.15	32.69	103	300	P	H
		5351.52	44.4	-9.6	54	35.63	31.31	10.15	32.69	103	300	A	H
	*	5320	114.95	-	-	106.17	31.36	10.13	32.71	100	45	P	V
	*	5320	107.6	-	-	98.82	31.36	10.13	32.71	100	45	A	V
		5353.12	54.76	-19.24	74	45.97	31.32	10.15	32.68	100	45	P	V
		5350.08	48.36	-5.64	54	39.6	31.3	10.15	32.69	100	45	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)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
Mode 9 Ant 0+1 11a Ch64 + Ant 2 BLE(2M) Ch19		2373.52	53.66	-20.34	74	42.75	27.55	16.6	33.24	197	33	P	H
		2382.32	42.84	-11.16	54	31.93	27.54	16.61	33.24	197	33	A	H
	*	2440	106.29	-	-	95.42	27.42	16.67	33.22	197	33	P	H
	*	2440	104.8	-		93.93	27.42	16.67	33.22	197	33	A	H
		2497.76	52.94	-21.06	74	42.2	27.21	16.74	33.21	197	33	P	H
		2492.72	42.62	-11.38	54	31.87	27.23	16.73	33.21	197	33	A	H
		2311.12	53.36	-20.64	74	42.39	27.68	16.54	33.25	114	202	P	V
		2325.84	42.85	-11.15	54	31.89	27.65	16.56	33.25	114	202	A	V
	*	2440	106.03	-	-	95.16	27.42	16.67	33.22	114	202	P	V
	*	2440	104.36	-		93.49	27.42	16.67	33.22	114	202	A	V
		2499.84	53.05	-20.95	74	42.32	27.2	16.74	33.21	114	202	P	V
		2484.48	42.7	-11.3	54	31.93	27.26	16.72	33.21	114	202	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)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
Mode 9 Ant 0+1 11a Ch64 + Ant 2 BLE(2M) Ch19		4880	51.61	-22.39	74	42	31	11.41	32.8	100	0	P	H
		7320	46.52	-27.48	74	55.35	36.5	13.78	59.11	100	0	P	H
		10640	48.26	-25.74	74	53.58	39.82	17.32	62.46	100	0	P	H
		15960	49.12	-24.88	74	50.99	36.78	21.31	59.96	100	0	P	H
		18000	59.44	-14.56	74	45.08	47.2	23.86	56.7	100	0	P	H
		18000	48.45	-5.55	54	34.09	47.2	23.86	56.7	100	0	A	H
		4880	49.28	-24.72	74	39.67	31	11.41	32.8	100	0	P	V
		7320	46.67	-27.33	74	55.5	36.5	13.78	59.11	100	0	P	V
		10640	47.52	-26.48	74	52.84	39.82	17.32	62.46	100	0	P	V
		15960	48	-26	74	49.87	36.78	21.31	59.96	100	0	P	V
		17989	59.13	-14.87	74	45.06	46.96	23.84	56.73	100	0	P	V
		17989	48.23	-5.77	54	34.16	46.96	23.84	56.73	100	0	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
Mode 10 Ant 0+1 11a Ch100 + Ant 2 BLE(2M) Ch19		5459.12	52.79	-21.21	74	43.44	31.74	10.23	32.62	100	268	P	H
		5468.24	54.37	-13.83	68.2	44.97	31.77	10.24	32.61	100	268	P	H
		5459.76	43.21	-10.79	54	33.86	31.74	10.23	32.62	100	268	A	H
	*	5500	107.38	-	-	97.81	31.9	10.26	32.59	100	268	P	H
	*	5500	98.91	-		89.34	31.9	10.26	32.59	100	268	A	H
		5442.96	55.88	-18.12	74	46.6	31.69	10.22	32.63	254	24	P	V
		5466.48	57.58	-10.62	68.2	48.18	31.77	10.24	32.61	254	24	P	V
		5460	47	-7	54	37.65	31.74	10.23	32.62	254	24	A	V
	*	5500	115.99	-	-	106.42	31.9	10.26	32.59	254	24	P	V
	*	5500	108.3	-		98.73	31.9	10.26	32.59	254	24	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)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
Mode 10 Ant 0+1 11a Ch100 + Ant 2 BLE(2M) Ch19		2373.68	53.76	-20.24	74	42.85	27.55	16.6	33.24	194	34	P	H
		2371.76	42.74	-11.26	54	31.82	27.56	16.6	33.24	194	34	A	H
	*	2440	106.09	-	-	95.22	27.42	16.67	33.22	194	34	P	H
	*	2440	104.55	-		93.68	27.42	16.67	33.22	194	34	A	H
		2489.92	52.71	-21.29	74	41.95	27.24	16.73	33.21	194	34	P	H
		2497.68	42.5	-11.5	54	31.76	27.21	16.74	33.21	194	34	A	H
		2322.64	54.08	-19.92	74	43.13	27.65	16.55	33.25	112	204	P	V
		2350.96	42.87	-11.13	54	31.93	27.6	16.58	33.24	112	204	A	V
	*	2440	105.17	-	-	94.3	27.42	16.67	33.22	112	204	P	V
	*	2440	103.63	-		92.76	27.42	16.67	33.22	112	204	A	V
		2497.84	52.83	-21.17	74	42.09	27.21	16.74	33.21	112	204	P	V
		2483.92	42.66	-11.34	54	31.89	27.26	16.72	33.21	112	204	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)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
Mode 10 Ant 0+1 11a Ch100 + Ant 2 BLE(2M) Ch19		4880	49.15	-24.85	74	39.66	31	9.71	32.8	100	0	P	H
		7320	45.92	-28.08	74	54.75	36.5	12.94	59.11	100	0	P	H
		11000	49.61	-24.39	74	54.86	40	17.01	62.6	100	0	P	H
		16500	48.21	-19.99	68.2	47.2	38.4	21.53	59.2	100	0	P	H
		17934	57.22	-16.78	74	44.58	45.75	23.46	56.87	100	0	P	H
		17934	46.22	-7.78	54	33.58	45.75	23.46	56.87	100	0	A	H
		4880	50.62	-23.38	74	41.13	31	9.71	32.8	100	0	P	V
		7320	44.98	-29.02	74	53.81	36.5	12.94	59.11	100	0	P	V
		11000	48.45	-25.55	74	53.7	40	17.01	62.6	100	0	P	V
		16500	47.51	-20.69	68.2	46.5	38.4	21.53	59.2	100	0	P	V
		18000	56.93	-17.07	74	42.57	47.2	23.56	56.7	100	0	P	V
		18000	45.93	-8.07	54	31.57	47.2	23.56	56.7	100	0	A	V
Remark		1. No other spurious found. 2. All results are PASS against Peak and Average limit line.											



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

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
Mode 11 Ant 0+1 11a Ch149 + Ant 2 BLE(2M) Ch00		5648.6	51.46	-16.74	68.2	41.82	31.8	10.39	32.55	209	0	P	H
		5669.6	52.62	-30.12	82.74	42.82	31.92	10.42	32.54	209	0	P	H
		5716.2	57.31	-52.43	109.74	47.24	32.13	10.47	32.53	209	0	P	H
		5722.4	65.34	-50.93	116.27	55.26	32.14	10.47	32.53	209	0	P	H
	*	5745	112.03	-	-	101.86	32.19	10.5	32.52	209	0	P	H
	*	5745	104.55	-		94.38	32.19	10.5	32.52	209	0	A	H
		5640.6	54.11	-14.09	68.2	44.46	31.82	10.38	32.55	221	97	P	V
		5696.2	57.39	-45.01	102.4	47.4	32.08	10.45	32.54	221	97	P	V
		5719.4	61.14	-49.49	110.63	51.06	32.14	10.47	32.53	221	97	P	V
		5724	63.87	-56.05	119.92	53.77	32.15	10.48	32.53	221	97	P	V
	*	5745	115.85	-	-	105.68	32.19	10.5	32.52	221	97	P	V
	*	5745	108.35	-		98.18	32.19	10.5	32.52	221	97	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)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
Mode 11 Ant 0+1 11a Ch149 + Ant 2 BLE(2M) Ch00		2322.39	53.6	-20.4	74	42.64	27.66	16.55	33.25	260	45	P	H
		2342.97	43.27	-10.73	54	32.33	27.61	16.57	33.24	260	45	A	H
	*	2402	107.9	-	-	97	27.5	16.63	33.23	260	45	P	H
	*	2402	104.9	-	-	94	27.5	16.63	33.23	260	45	A	H
		2367.96	54.52	-19.48	74	43.6	27.56	16.6	33.24	121	200	P	V
		2376.57	43.06	-10.94	54	32.14	27.55	16.61	33.24	121	200	A	V
	*	2402	106.37	-	-	95.47	27.5	16.63	33.23	121	200	P	V
	*	2402	103.99	-	-	93.09	27.5	16.63	33.23	121	200	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)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
Mode 11 Ant 0+1 11a Ch149 + Ant 2 BLE(2M) Ch00		4804	49.61	-24.39	74	40	31	11.35	32.74	100	0	P	H
		11490	49.12	-24.88	74	53.91	39.61	17.91	62.31	100	0	P	H
		17235	52	-16.2	68.2	47.64	40.17	22.67	58.48	100	0	P	H
		18000	58.9	-15.1	74	44.54	47.2	23.86	56.7	100	0	P	H
		18000	47.9	-6.1	54	33.54	47.2	23.86	56.7	100	0	A	H
		4804	51.17	-22.83	74	41.64	31	11.27	32.74	100	0	P	V
		11490	49.12	-24.88	74	53.91	39.61	17.91	62.31	100	0	P	V
		17235	51.39	-16.81	68.2	47.03	40.17	22.67	58.48	100	0	P	V
		17978	59.57	-14.43	74	45.78	46.72	23.83	56.76	100	0	P	V
		17978	48.57	-5.43	54	34.78	46.72	23.83	56.76	100	0	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
Mode 12 Ant 0+1 11a Ch165 + Ant 2 BLE(2M) Ch37	*	5825	107.04	-	-	96.59	32.35	10.6	32.5	100	250	P	H
	*	5825	99.75	-		89.3	32.35	10.6	32.5	100	250	A	H
		5851.2	52.63	-66.83	119.46	42.09	32.4	10.63	32.49	100	250	P	H
		5860.8	51.52	-57.65	109.17	40.94	32.42	10.65	32.49	100	250	P	H
		5903.6	51.66	-32.34	84	40.92	32.51	10.71	32.48	100	250	P	H
		5940.2	49.92	-18.28	68.2	38.97	32.66	10.76	32.47	100	250	P	H
	*	5825	116.77	-	-	106.32	32.35	10.6	32.5	245	12	P	V
	*	5825	110.14	-		99.69	32.35	10.6	32.5	245	12	A	V
		5850	62.49	-59.71	122.2	51.95	32.4	10.63	32.49	245	12	P	V
		5856.8	56.42	-53.88	110.3	45.86	32.41	10.64	32.49	245	12	P	V
		5884	55.31	-43.21	98.52	44.64	32.47	10.68	32.48	245	12	P	V
		5942.8	52.38	-15.82	68.2	41.42	32.67	10.76	32.47	245	12	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)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
Mode 12 Ant 0+1 11a Ch165 + Ant 2 BLE(2M) Ch37	*	2476	106.17	-	-	95.38	27.3	16.71	33.22	191	33	P	H
	*	2476	104.66	-		93.87	27.3	16.71	33.22	191	33	A	H
		2485.2	55.17	-18.83	74	44.4	27.26	16.72	33.21	191	33	P	H
		2484.45	43.23	-10.77	54	32.46	27.26	16.72	33.21	191	33	A	H
	*	2476	106.65	-	-	95.86	27.3	16.71	33.22	106	200	P	V
	*	2476	105.14	-	-	94.35	27.3	16.71	33.22	106	200	A	V
		2485.3	55.46	-18.54	74	44.69	27.26	16.72	33.21	106	200	P	V
		2483.8	43.07	-10.93	54	32.3	27.26	16.72	33.21	106	200	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)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
Mode 12 Ant 0+1 11a Ch165 + Ant 2 BLE(2M) Ch37		4952	50.3	-23.7	74	40.74	31.11	11.32	32.87	100	0	P	H
		7428	45.49	-28.51	74	54.49	36.36	13.68	59.04	100	0	P	H
		11650	49.25	-24.75	74	54.34	39.15	18.09	62.33	100	0	P	H
		17475	49.87	-18.33	68.2	43.7	41.17	23.04	58.04	100	0	P	H
		17934	57.09	-16.91	74	44.45	45.75	23.76	56.87	100	0	P	H
		17934	46.09	-7.91	54	33.45	45.75	23.76	56.87	100	0	A	H
		4952	49.93	-24.07	74	40.37	31.11	11.32	32.87	100	0	P	V
		7428	45.49	-28.51	74	54.49	36.36	13.68	59.04	100	0	P	V
		11650	49.25	-24.75	74	54.34	39.15	18.09	62.33	100	0	P	V
		17475	49.87	-18.33	68.2	43.7	41.17	23.04	58.04	100	0	P	V
		17934	57.09	-16.91	74	44.45	45.75	23.76	56.87	100	0	P	V
		17934	46.09	-7.91	54	33.45	45.75	23.76	56.87	100	0	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**Emission above 18GHz****2.4GHz 2400~2483.5MHz (SHF)**

	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
Simultaneously		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
Mode 1													
Ant 0+1		23691	42.07	-31.93	74	47.21	38.9	9.26	53.3	100	0	P	H
11n HT20 Ch01													
+													
Ant 2		23502	42.11	-31.89	74	47.22	38.9	9.29	53.3	100	0	P	V
BLE(2M) Ch00													
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Emission below 1GHz

2.4GHz 2400~2483.5MHz (LF)

	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
Simultaneously		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
Mode 1 Ant 0+1 11n HT20 Ch01 + Ant 2 BLE(2M) Ch00		81.41	25.4	-14.6	40	42.71	13.82	1.31	32.44	100	0	P	H
		119.24	24.52	-18.98	43.5	37.77	17.59	1.58	32.42	-	-	P	H
		213.33	24.4	-19.1	43.5	39.92	14.87	2.15	32.54	-	-	P	H
		779.81	28.08	-17.92	46	28.55	27.64	3.99	32.1	-	-	P	H
		878.75	29.13	-16.87	46	28.13	28.56	4.26	31.82	-	-	P	H
		948.59	30.57	-15.43	46	27.31	29.9	4.45	31.09	-	-	P	H
		41.64	30.65	-9.35	40	43.42	18.77	0.95	32.49	100	0	P	V
		81.41	25.02	-14.98	40	42.33	13.82	1.31	32.44	-	-	P	V
		112.45	25.45	-18.05	43.5	39.11	17.22	1.53	32.41	-	-	P	V
		680.87	28.64	-17.36	46	30.73	26.18	3.73	32	-	-	P	V
		884.57	29.25	-16.75	46	28.21	28.56	4.28	31.8	-	-	P	V
		925.31	30.25	-15.75	46	28.02	29.24	4.39	31.4	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Note symbol

*	Fundamental Frequency which can be ignored. However, the level of any unwanted emissions shall not exceed the level of the fundamental frequency.
!	Test result is over limit line.
P/A	Peak or Average
H/V	Horizontal or Vertical



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

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

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

For Peak Limit @ 2390MHz:

1. Level(dBμV/m)
= Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
= 32.22(dB/m) + 4.58(dB) + 54.51(dBμV) – 35.86 (dB)
= 55.45 (dBμV/m)
2. Over Limit(dB)
= Level(dBμV/m) – Limit Line(dBμV/m)
= 55.45(dBμV/m) – 74(dBμV/m)
= -18.55(dB)

For Average Limit @ 2390MHz:

1. Level(dBμV/m)
= Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
= 32.22(dB/m) + 4.58(dB) + 42.6(dBμV) – 35.86 (dB)
= 43.54 (dBμV/m)
2. Over Limit(dB)
= Level(dBμV/m) – Limit Line(dBμV/m)
= 43.54(dBμV/m) – 54(dBμV/m)
= -10.46(dB)

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



Appendix B. Radiated Spurious Emission Plots

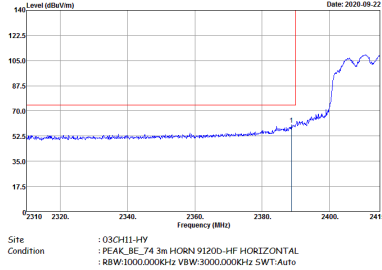
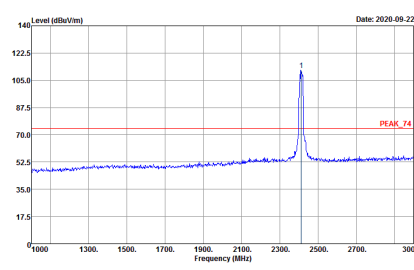
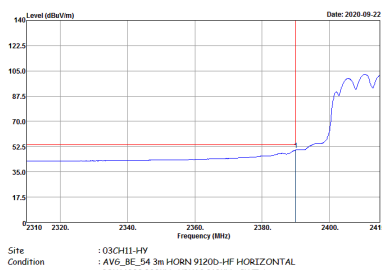
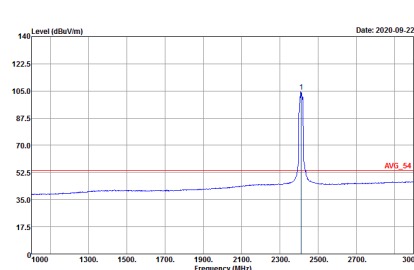
Test Engineer :	Bill Chang, Fu Chen and Troye Hsieh	Temperature :	19.8~23.4℃
		Relative Humidity :	55.9~69.5%

Note symbol

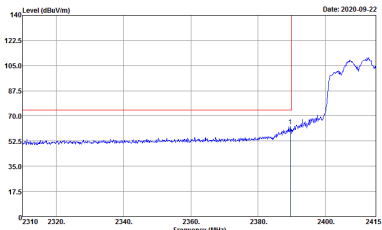
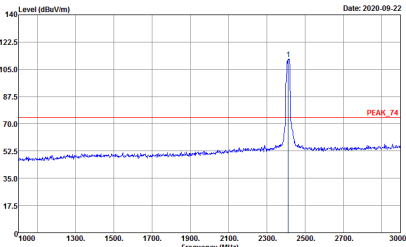
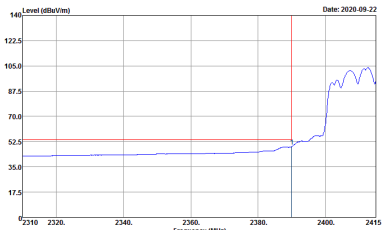
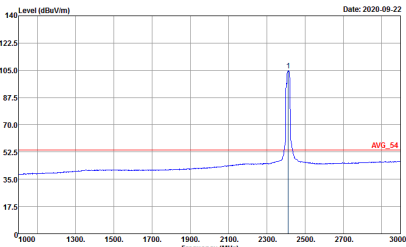
-L	Low channel location
-R	High channel location



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

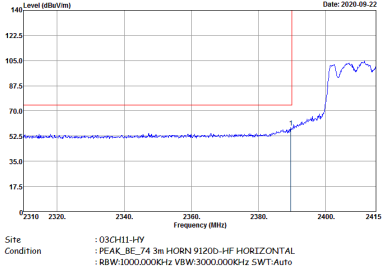
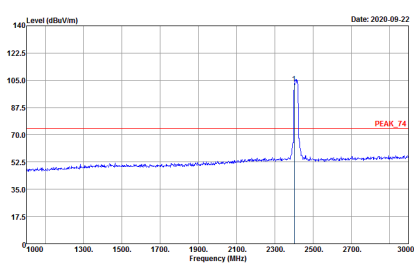
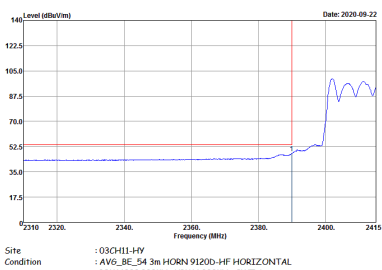
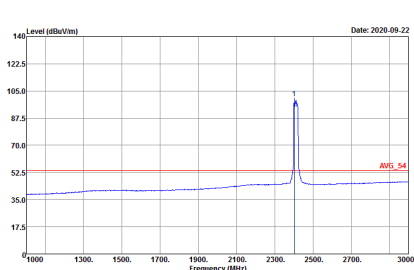
ANT	Mode 1: Ant 0+1 11n HT20 Ch01 + Ant 2 BLE(2M) Ch00	
Simultaneously	Horizontal	Fundamental
Peak	 Site Condition : 03CH11-HY : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site Condition : 03CH11-HY : PEAK_74 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site Condition : 03CH11-HY : AVG_BE_54 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site Condition : 03CH11-HY : AVG_54 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto



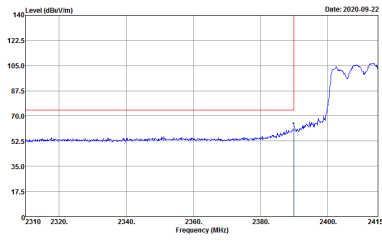
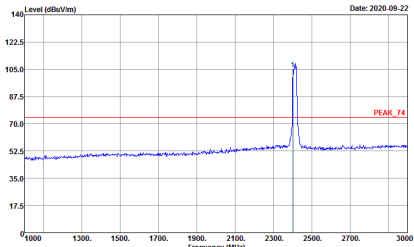
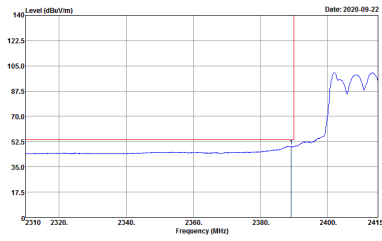
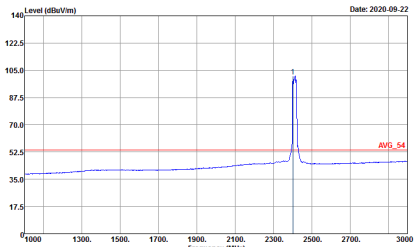
ANT	Mode 1: Ant 0+1 11n HT20 Ch01 + Ant 2 BLE(2M) Ch00	
Simultaneously	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH11-HY Condition : AVG_54 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto



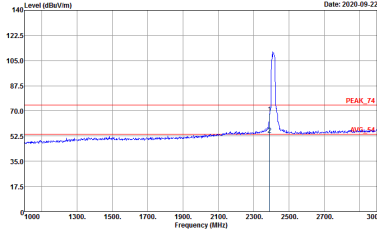
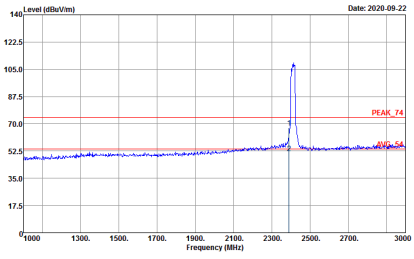
BLE (Band Edge @ 3m)

ANT	Mode 1: Ant 0+1 11n HT20 Ch01 + Ant 2 BLE(2M) Ch00	
Simultaneously	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	 Site : 03CH11-HY Condition : AVG_54 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto



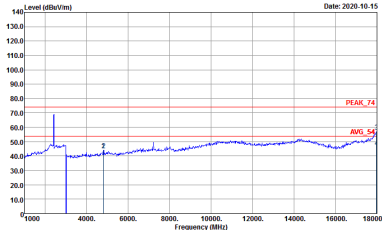
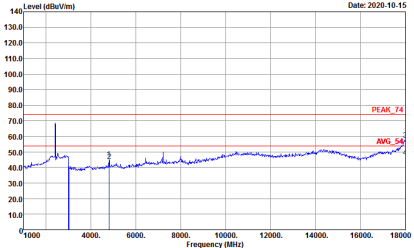
ANT	Mode 1: Ant 0+1 11n HT20 Ch01 + Ant 2 BLE(2M) Ch00	
Simultaneously	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH11-HY Condition : AVG_54 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto

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

ANT	Mode 1: Ant 0+1 11n HT20 Ch01 + Ant 2 BLE(2M) Ch00	
Simultaneously	Horizontal	Vertical
Peak Avg.	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto

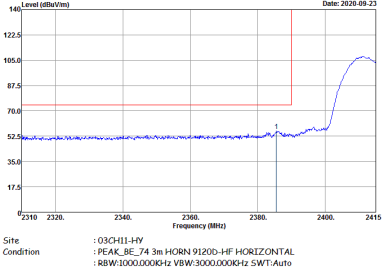
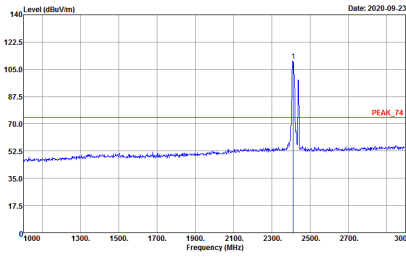
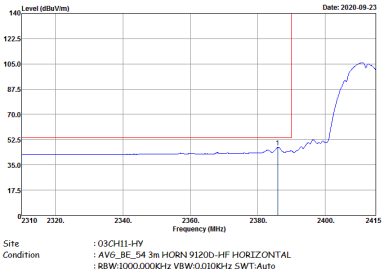
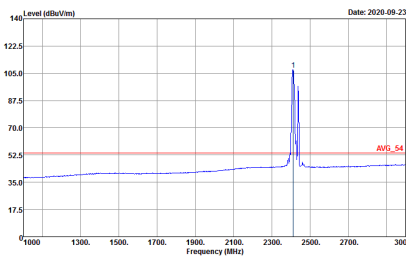


2.4GHz 2400~2483.5MHz (Harmonic @ 3m)

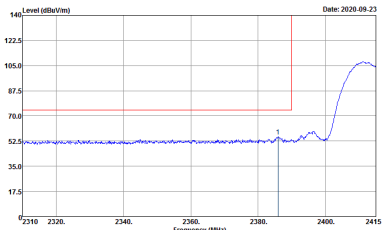
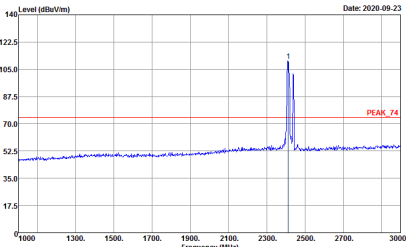
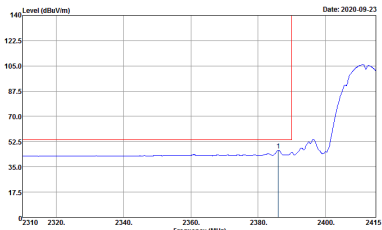
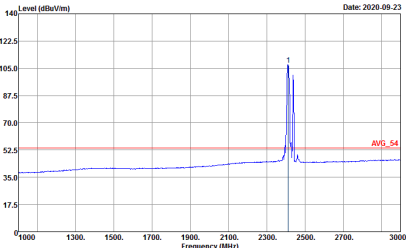
ANT	Mode 1: Ant 0+1 11n HT20 Ch01 + Ant 2 BLE(2M) Ch00	
Simultaneously	Horizontal	Vertical
Peak Avg.	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 9120D-HF HORIZONTAL Detector : Peak	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 9120D-HF VERTICAL Detector : Peak



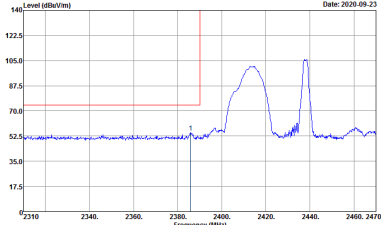
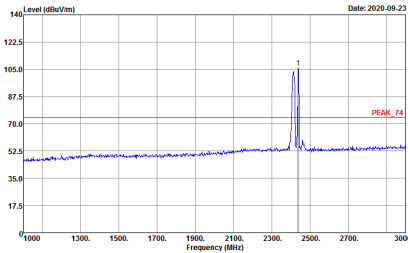
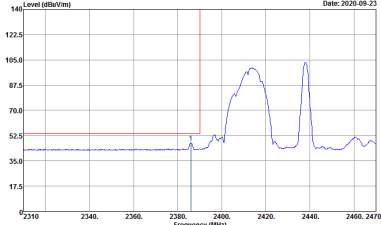
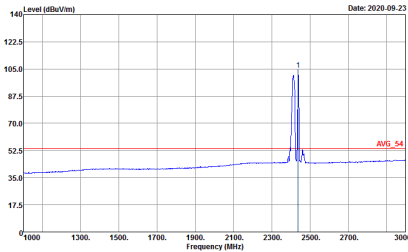
2.4GHz 2400~2483.5MHz (Band Edge @ 3m)

ANT	Mode 2: Ant 0+1 11b Ch01 + Ant 2 BLE(2M) Ch18	
Simultaneously	Horizontal	Fundamental
Peak	 Site Condition : 03CH11-HY : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site Condition : 03CH11-HY : PEAK_74 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site Condition : 03CH11-HY : AVG_BE_54 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site Condition : 03CH11-HY : AVG_54 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

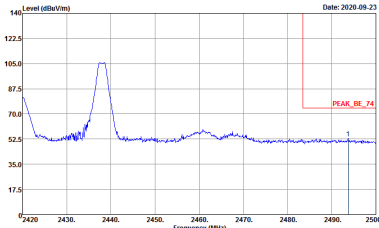
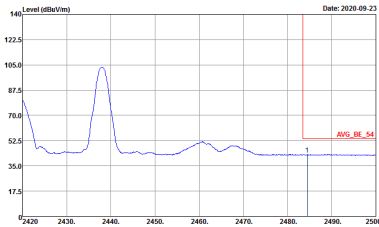


ANT	Mode 2: Ant 0+1 11b Ch01 + Ant 2 BLE(2M) Ch18	
Simultaneously	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH11-HY Condition : AVG_54 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

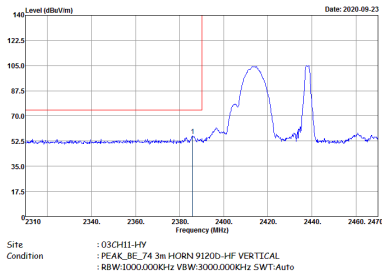
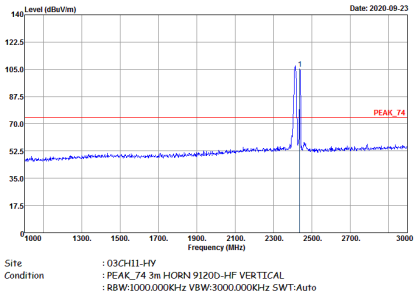
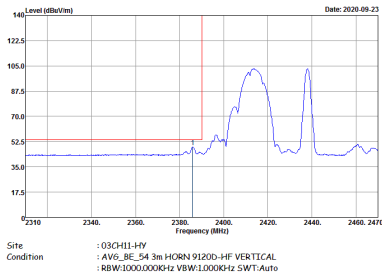
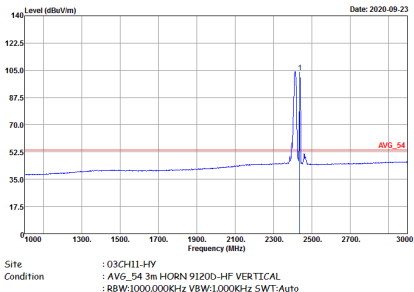
BLE (Band Edge @ 3m)

ANT	Mode 2: Ant 0+1 11b Ch01 + Ant 2 BLE(2M) Ch18 - L	
Simultaneously	Horizontal	Fundamental
Peak	 Date: 2020-09-23 Site Condition : 03CH11-HY : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Date: 2020-09-23 Site Condition : 03CH11-HY : PEAK_74 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Date: 2020-09-23 Site Condition : 03CH11-HY : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	 Date: 2020-09-23 Site Condition : 03CH11-HY : AVG_54 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto

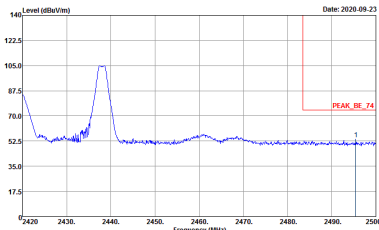
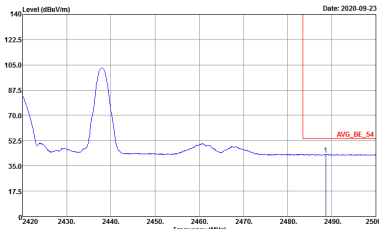


ANT	Mode 2: Ant 0+1 11b Ch01 + Ant 2 BLE(2M) Ch18 - R	
Simultaneously	Horizontal	Fundamental
Peak	 Site : 03CH11-HV Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left Blank
Avg.	 Site : 03CH11-HV Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	Left Blank



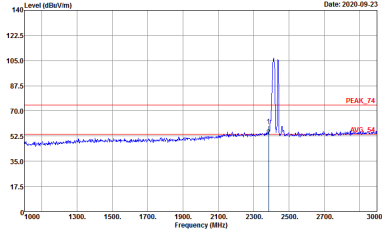
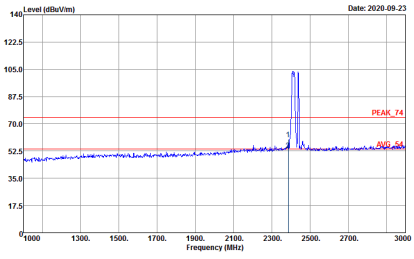
ANT	Mode 2: Ant 0+1 11b Ch01 + Ant 2 BLE(2M) Ch18 - L	
Simultaneously	Vertical	Fundamental
Peak		
		
Avg.		



ANT	Mode 2: Ant 0+1 11b Ch01 + Ant 2 BLE(2M) Ch18 - R	
Simultaneously	Vertical	Fundamental
Peak	 Site : 03CH11-HV Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left Blank
Avg.	 Site : 03CH11-HV Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	Left Blank

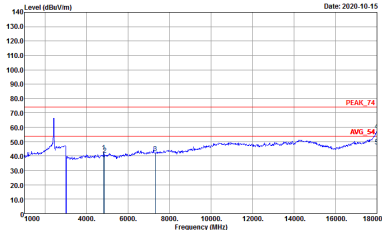
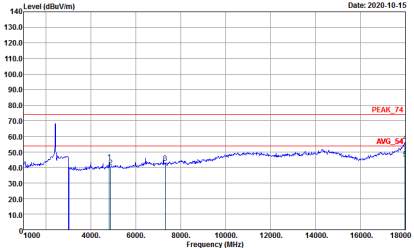


2.4GHz 2400~2483.5MHz (IM3 @ 3m)

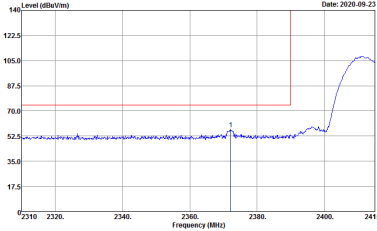
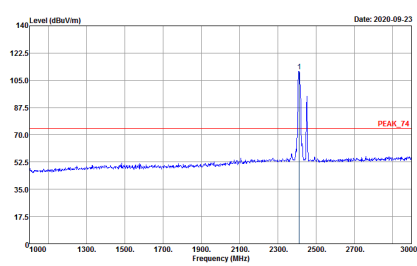
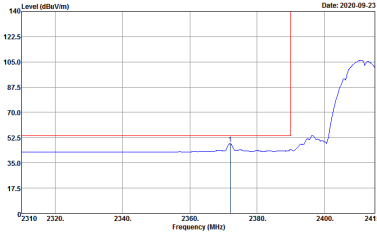
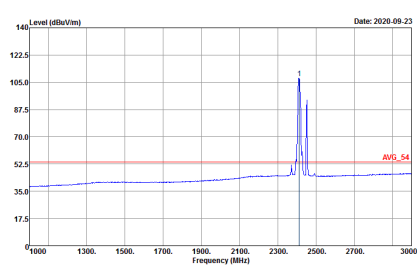
ANT	Mode 2: Ant 0+1 11b Ch01 + Ant 2 BLE(2M) Ch18	
Simultaneously	Horizontal	Vertical
Peak Avg.	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto



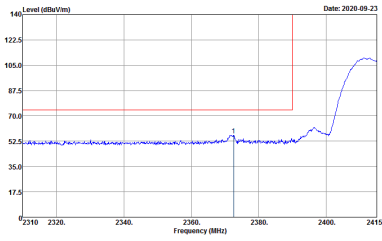
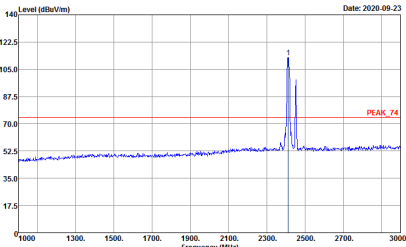
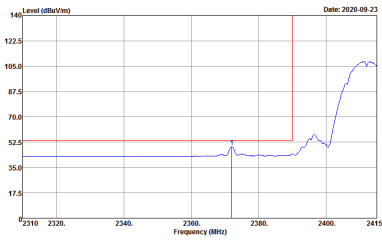
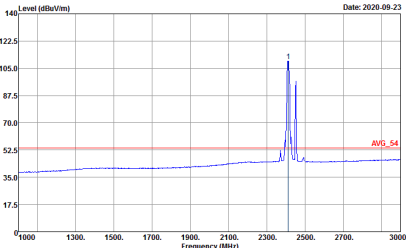
2.4GHz 2400~2483.5MHz (Harmonic @ 3m)

ANT	Mode 2: Ant 0+1 11b Ch01 + Ant 2 BLE(2M) Ch18	
Simultaneously	Horizontal	Vertical
Peak Avg.	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 9120D-HF HORIZONTAL Detector : Peak	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 9120D-HF VERTICAL Detector : Peak

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

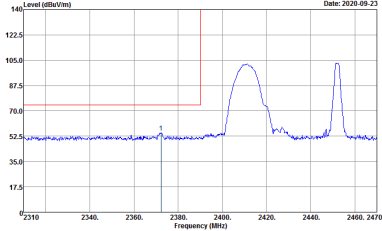
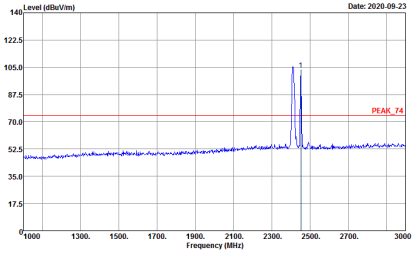
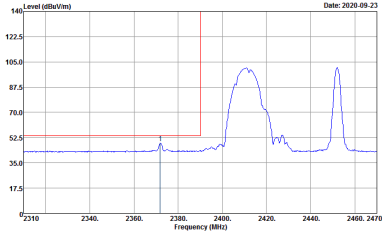
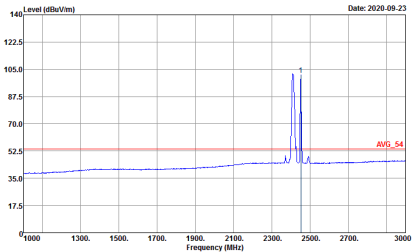
ANT	Mode 3: Ant 0+1 11b Ch01 + Ant 2 BLE(2M) Ch25	
Simultaneously	Horizontal	Fundamental
Peak	 Date: 2020-09-23 Site Condition : 03CH11-HY : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Date: 2020-09-23 Site Condition : 03CH11-HY : PEAK_74 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Date: 2020-09-23 Site Condition : 03CH11-HY : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Date: 2020-09-23 Site Condition : 03CH11-HY : AVG_54 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto



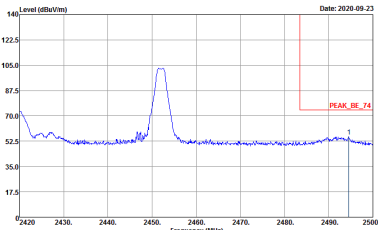
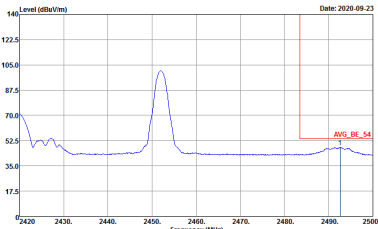
ANT	Mode 3: Ant 0+1 11b Ch01 + Ant 2 BLE(2M) Ch25	
Simultaneously	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH11-HY Condition : AVG_54 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto
Avg.		



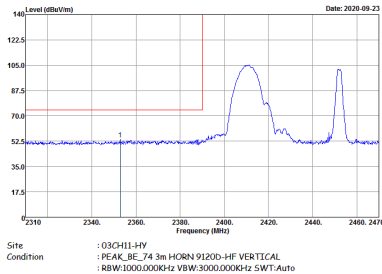
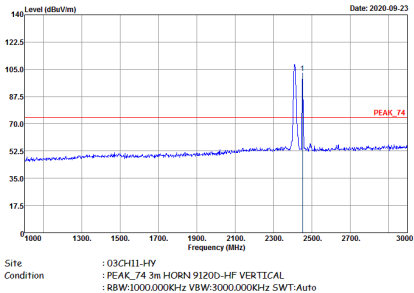
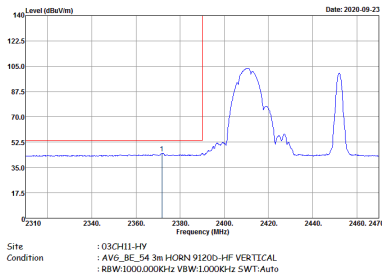
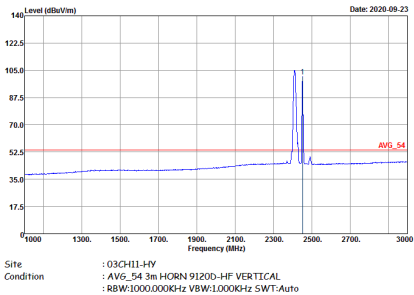
BLE (Band Edge @ 3m)

ANT	Mode 3: Ant 0+1 11b Ch01 + Ant 2 BLE(2M) Ch25 - L	
Simultaneously	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH11-HY Condition : AVG_54 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto

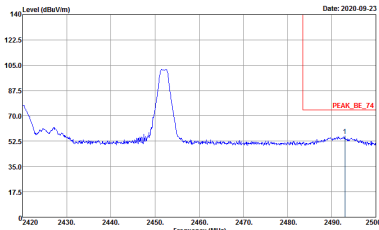
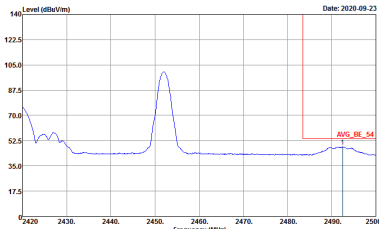


ANT	Mode 3: Ant 0+1 11b Ch01 + Ant 2 BLE(2M) Ch25 - R	
Simultaneously	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left Blank
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto	Left Blank



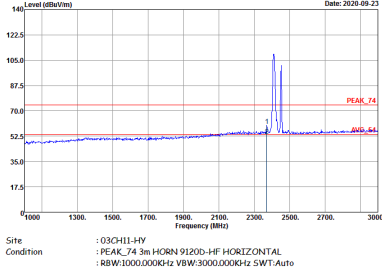
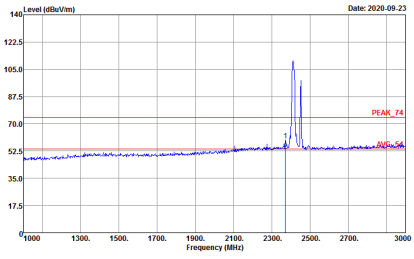
ANT	Mode 3: Ant 0+1 11b Ch01 + Ant 2 BLE(2M) Ch25 - L	
Simultaneously	Vertical	Fundamental
Peak		
Avg.		



ANT	Mode 3: Ant 0+1 11b Ch01 + Ant 2 BLE(2M) Ch25 - R	
Simultaneously	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left Blank
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto	Left Blank

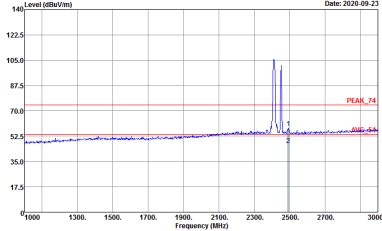
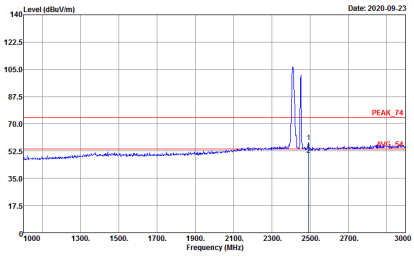


2.4GHz 2400~2483.5MHz (IM3 @ 3m)

ANT	Mode 3: Ant 0+1 11b Ch01 + Ant 2 BLE(2M) Ch25	
Simultaneously	Horizontal	Vertical
Peak Avg.	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto

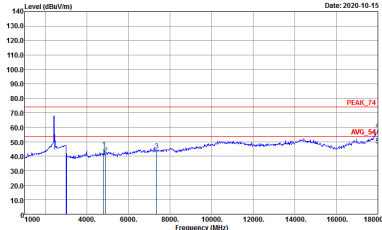
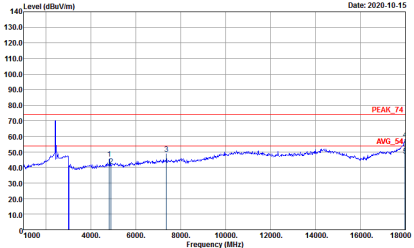


2.4GHz 2400~2483.5MHz (IM3 @ 3m)

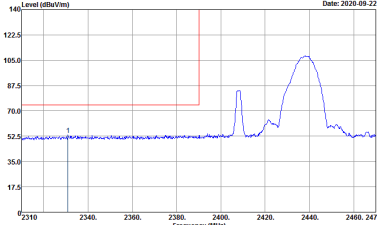
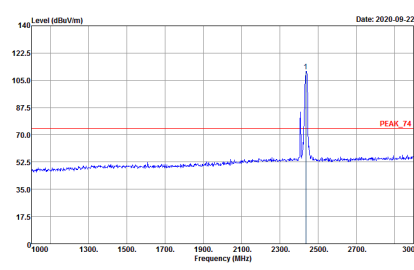
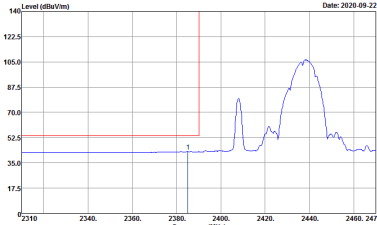
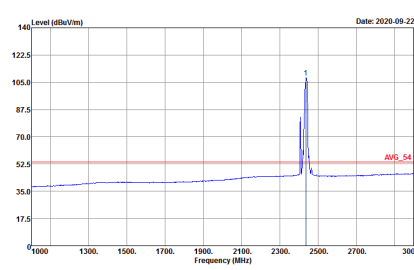
ANT	Mode 3: Ant 0+1 11b Ch01 + Ant 2 BLE(2M) Ch25	
Simultaneously	Horizontal	Vertical
Peak Avg.	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto



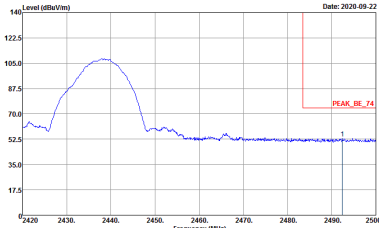
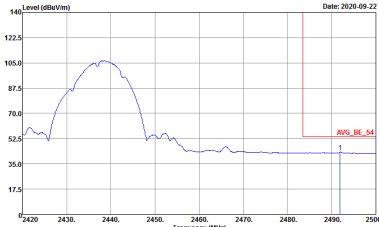
2.4GHz 2400~2483.5MHz (Harmonic @ 3m)

ANT	Mode 3: Ant 0+1 11b Ch01 + Ant 2 BLE(2M) Ch25	
Simultaneously	Horizontal	Vertical
Peak Avg.	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak

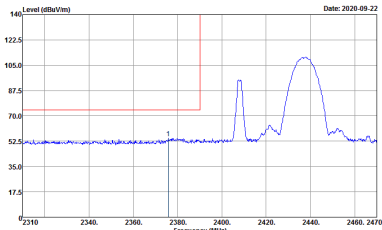
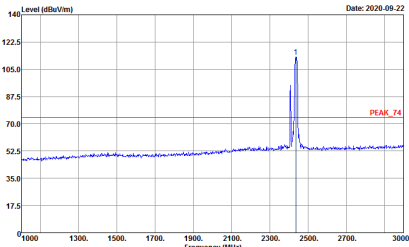
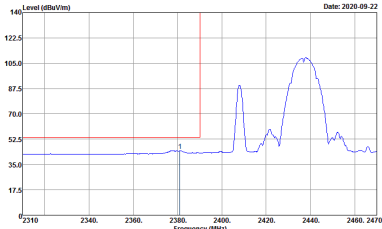
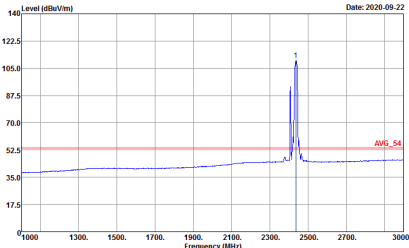
2.4GHz 2400~2483.5MHz (Band Edge @ 3m)

ANT	Mode 4: Ant 0+1 11b Ch06 + Ant 2 BLE(2M) Ch03 - L	
Simultaneously	Horizontal	Fundamental
Peak	 Site Condition : 03CH11-HY : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site Condition : 03CH11-HY : PEAK_74 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site Condition : 03CH11-HY : AVG_BE_54 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site Condition : 03CH11-HY : AVG_54 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

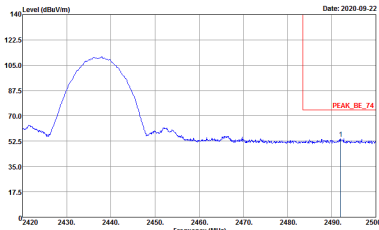
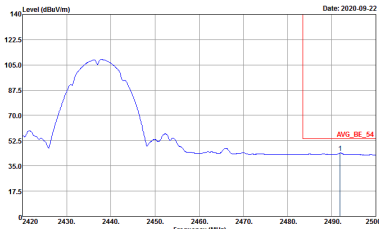


ANT	Mode 4: Ant 0+1 11b Ch06 + Ant 2 BLE(2M) Ch03 - R	
Simultaneously	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left Blank
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left Blank



ANT	Mode 4: Ant 0+1 11b Ch06 + Ant 2 BLE(2M) Ch03 - L	
Simultaneously	Vertical	Fundamental
Peak	 Site Condition : 03CH11-HY : PEAK_BE_74 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site Condition : 03CH11-HY : PEAK_74 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site Condition : 03CH11-HY : AVG_BE_54 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site Condition : 03CH11-HY : AVG_54 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto



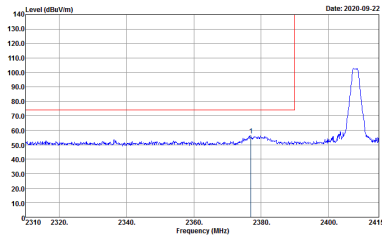
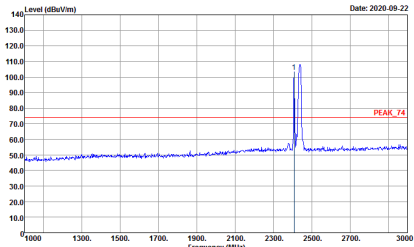
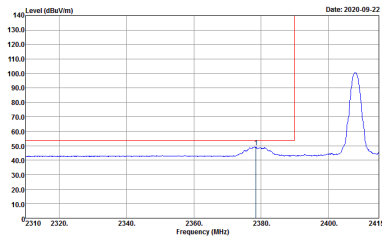
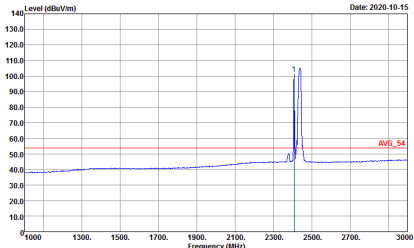
ANT	Mode 4: Ant 0+1 11b Ch06 + Ant 2 BLE(2M) Ch03 - R	
Simultaneously	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left Blank
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left Blank



BLE (Band Edge @ 3m)

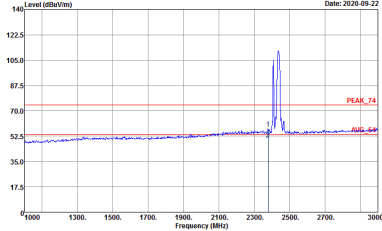
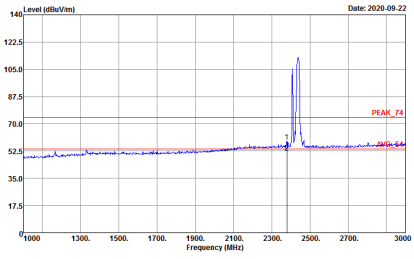
ANT	Mode 4: Ant 0+1 11b Ch06 + Ant 2 BLE(2M) Ch03	
Simultaneously	Horizontal	Fundamental
Peak	Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH11-HY Condition : PEAK_74 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Site : 03CH11-HY Condition : AVG_54 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto



ANT	Mode 4: Ant 0+1 11b Ch06 + Ant 2 BLE(2M) Ch03	
Simultaneously	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH11-HY Condition : AVG_54 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto

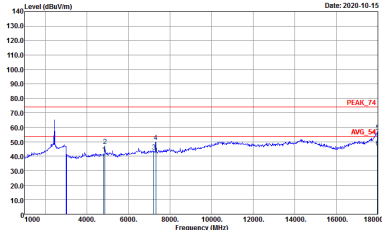
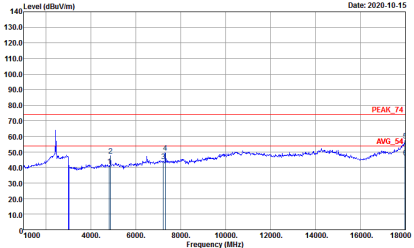


2.4GHz 2400~2483.5MHz (IM3 @ 3m)

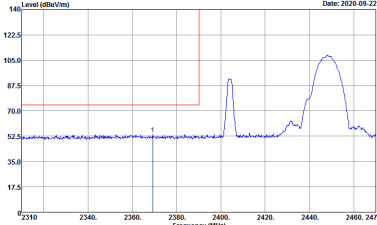
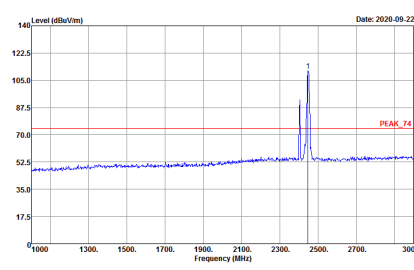
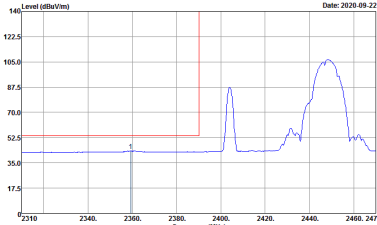
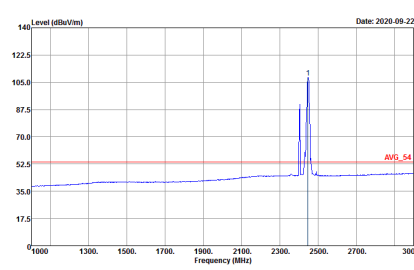
ANT	Mode 4: Ant 0+1 11b Ch06 + Ant 2 BLE(2M) Ch03	
Simultaneously	Horizontal	Vertical
Peak Avg.	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto



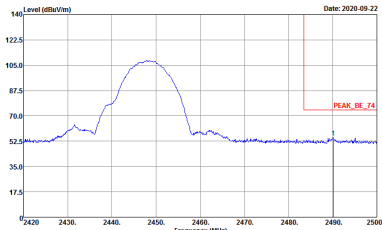
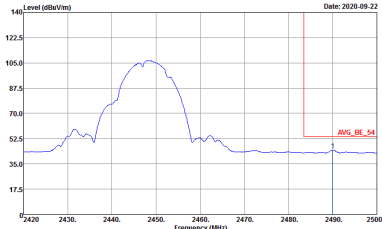
2.4GHz 2400~2483.5MHz (Harmonic @ 3m)

ANT	Mode 4: Ant 0+1 11b Ch06 + Ant 2 BLE(2M) Ch03	
Simultaneously	Horizontal	Vertical
Peak Avg.	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak

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

ANT	Mode 5: Ant 0+1 11b Ch08 + Ant 2 BLE(2M) Ch01 - L	
Simultaneously	Horizontal	Fundamental
Peak	 Site Condition : 03CH11-HY : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site Condition : 03CH11-HY : PEAK_74 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site Condition : 03CH11-HY : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site Condition : 03CH11-HY : AVG_54 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

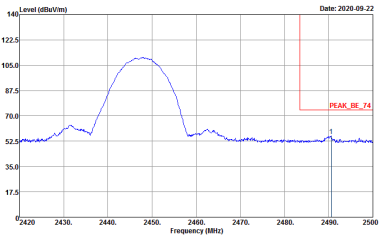
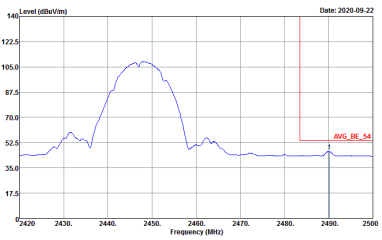


ANT	Mode 5: Ant 0+1 11b Ch08 + Ant 2 BLE(2M) Ch01 - R	
Simultaneously	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left Blank
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left Blank

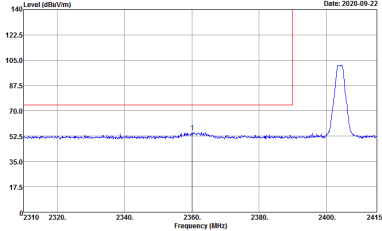
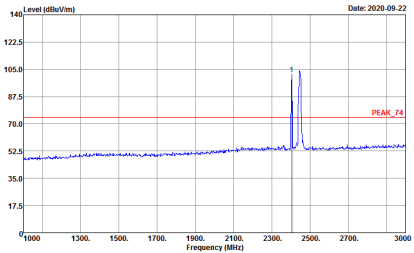
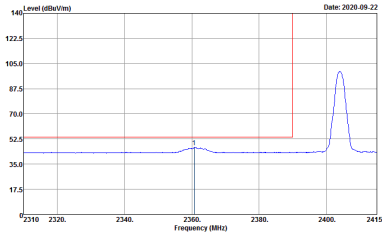
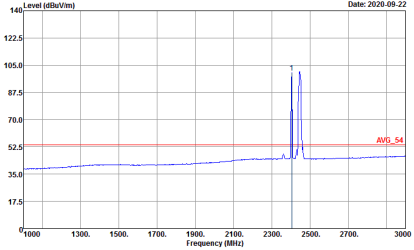


ANT	Mode 5: Ant 0+1 11b Ch08 + Ant 2 BLE(2M) Ch01 - L	
Simultaneously	Vertical	Fundamental
Peak	Site Condition : 03CH11-HY : PEAK_BE_74 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site Condition : 03CH11-HY : PEAK_74 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site Condition : 03CH11-HY : AVG_BE_54 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Site Condition : 03CH11-HY : AVG_54 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

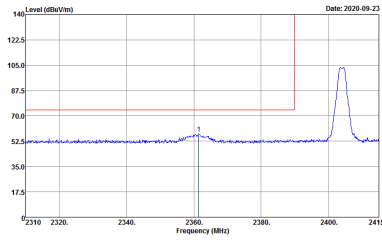
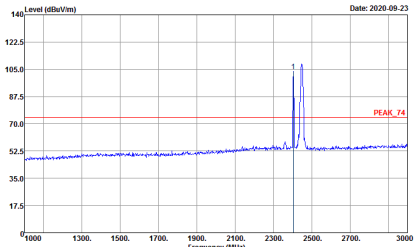
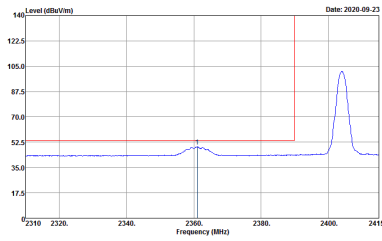
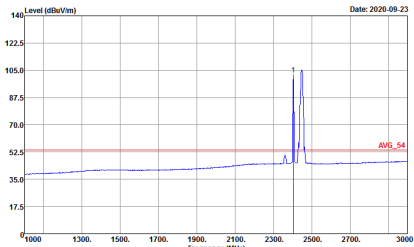


ANT	Mode 5: Ant 0+1 11b Ch08 + Ant 2 BLE(2M) Ch01 - R	
Simultaneously	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left Blank
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left Blank

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

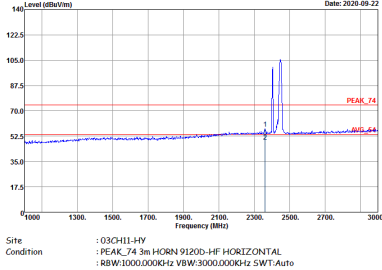
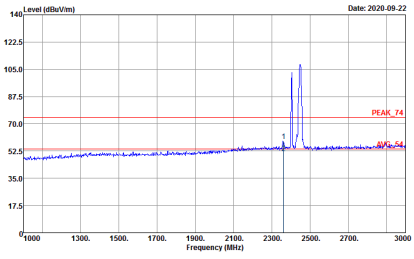
ANT	Mode 5: Ant 0+1 11b Ch08 + Ant 2 BLE(2M) Ch01	
Simultaneously	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 040941-01 Wifi Setting : 18 BLE Setting : 6/0	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 040941-01 Wifi Setting : 18 BLE Setting : 6/0
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 040941-01 Wifi Setting : 18 BLE Setting : 6/0	 Site : 03CH11-HY Condition : AVG_54 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 040941-01 Wifi Setting : 18 BLE Setting : 6/0



ANT	Mode 5: Ant 0+1 11b Ch08 + Ant 2 BLE(2M) Ch01	
Simultaneously	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH11-HY Condition : AVG_54 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto

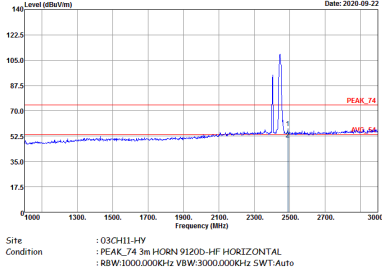
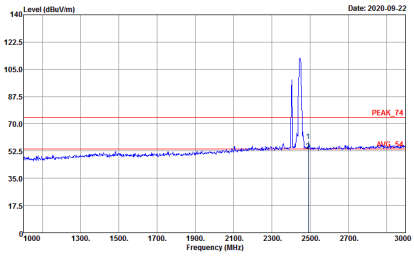


2.4GHz 2400~2483.5MHz (IM3 @ 3m)

ANT	Mode 5: Ant 0+1 11b Ch08 + Ant 2 BLE(2M) Ch01	
Simultaneously	Horizontal	Vertical
Peak Avg.	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto

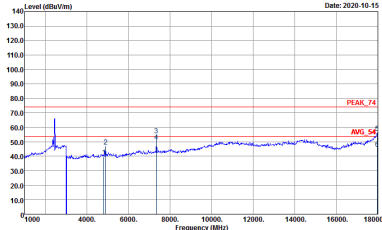
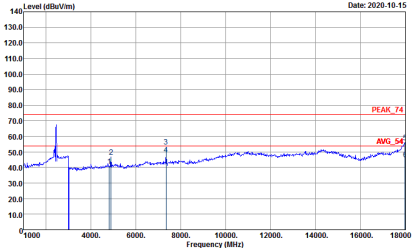


2.4GHz 2400~2483.5MHz (IM3 @ 3m)

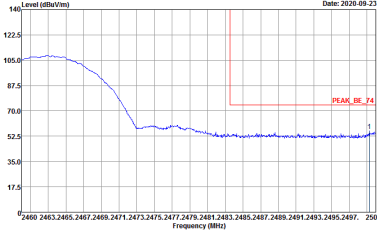
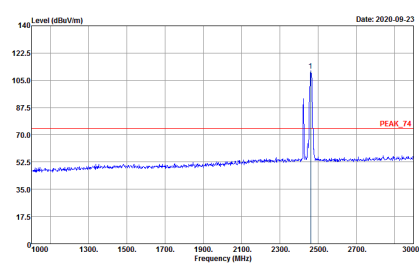
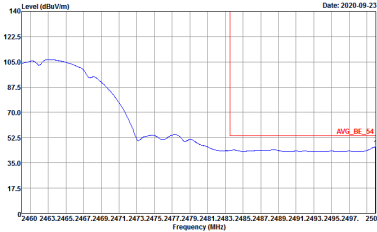
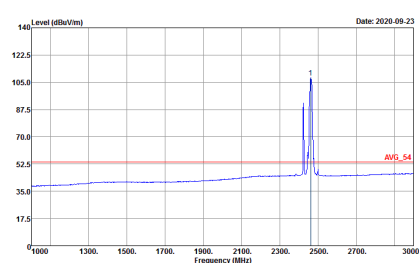
ANT	Mode 5: Ant 0+1 11b Ch08 + Ant 2 BLE(2M) Ch01	
Simultaneously	Horizontal	Vertical
Peak Avg.	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto



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

ANT	Mode 5: Ant 0+1 11b Ch08 + Ant 2 BLE(2M) Ch01	
Simultaneously	Horizontal	Vertical
Peak Avg.	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto

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

ANT	Mode 6: Ant 0+1 11b Ch11 + Ant 2 BLE(2M) Ch11	
Simultaneously	Horizontal	Fundamental
Peak	 Site Condition : 03CH11-HY : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site Condition : 03CH11-HY : PEAK_74 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site Condition : 03CH11-HY : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site Condition : 03CH11-HY : AVG_54 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto



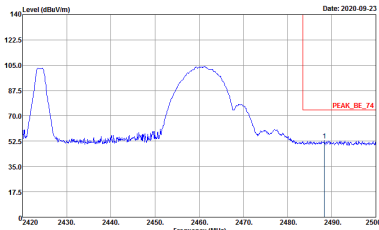
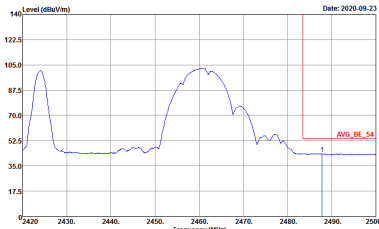
ANT	Mode 6: Ant 0+1 11b Ch11 + Ant 2 BLE(2M) Ch11	
Simultaneously	Vertical	Fundamental
Peak	Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH11-HY Condition : PEAK_74 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Site : 03CH11-HY Condition : AVG_54 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto



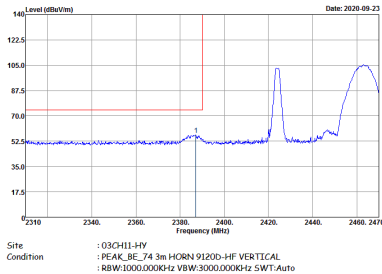
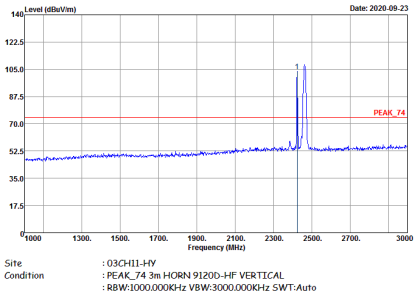
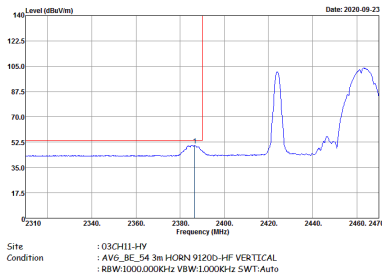
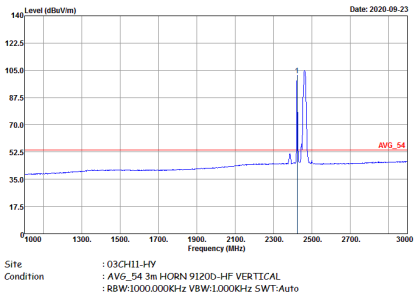
BLE (Band Edge @ 3m)

ANT	Mode 6: Ant 0+1 11b Ch11 + Ant 2 BLE(2M) Ch11 - L	
Simultaneously	Horizontal	Fundamental
Peak	Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH11-HY Condition : PEAK_74 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Site : 03CH11-HY Condition : AVG_54 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto

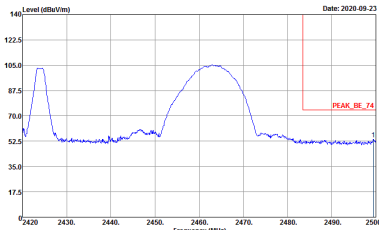
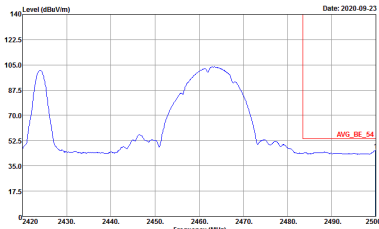


ANT	Mode 6: Ant 0+1 11b Ch11 + Ant 2 BLE(2M) Ch11 - R	
Simultaneously	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left Blank
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto	Left Blank



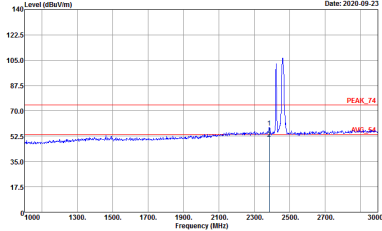
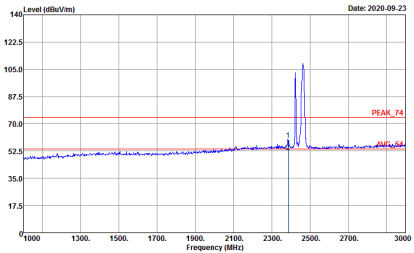
ANT	Mode 6: Ant 0+1 11b Ch11 + Ant 2 BLE(2M) Ch11 - L	
Simultaneously	Vertical	Fundamental
Peak		
		
Avg.		



ANT	Mode 6: Ant 0+1 11b Ch11 + Ant 2 BLE(2M) Ch11 - R	
Simultaneously	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left Blank
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto	Left Blank

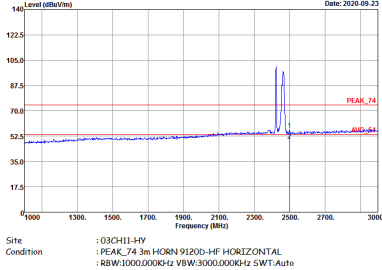
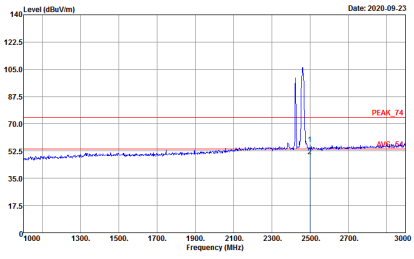


2.4GHz 2400~2483.5MHz (IM3 @ 3m)

ANT	Mode 6: Ant 0+1 11b Ch11 + Ant 2 BLE(2M) Ch11	
Simultaneously	Horizontal	Vertical
Peak Avg.	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto

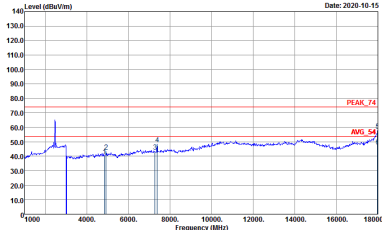
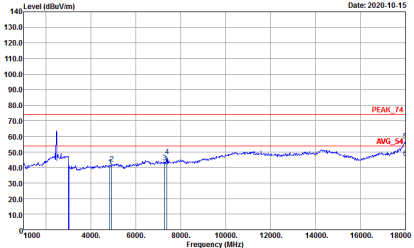


2.4GHz 2400~2483.5MHz (IM3 @ 3m)

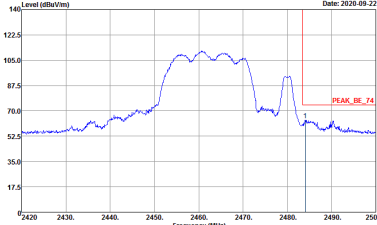
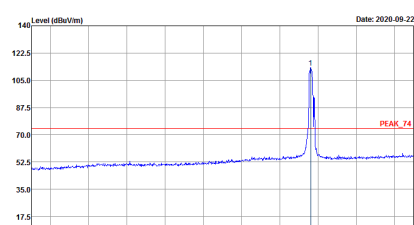
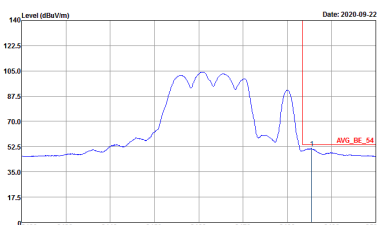
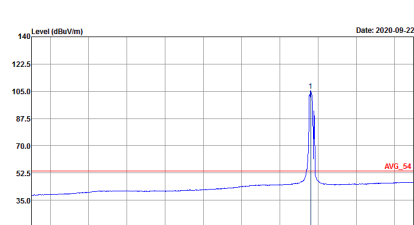
ANT	Mode 6: Ant 0+1 11b Ch11 + Ant 2 BLE(2M) Ch11	
Simultaneously	Horizontal	Vertical
Peak Avg.	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto



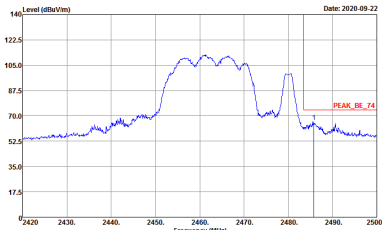
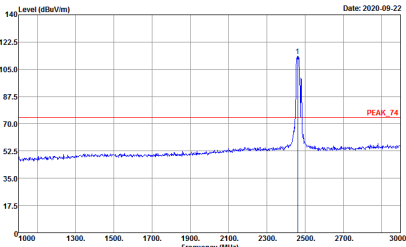
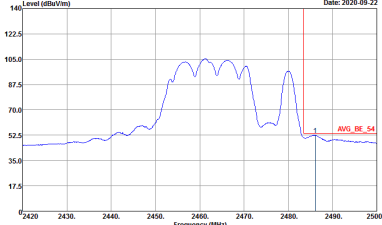
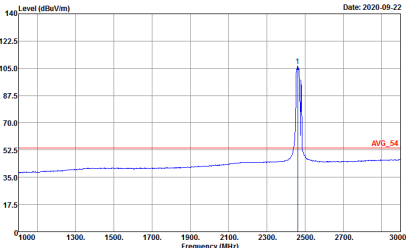
2.4GHz 2400~2483.5MHz (Harmonic @ 3m)

ANT	Mode 6: Ant 0+1 11b Ch11 + Ant 2 BLE(2M) Ch11	
Simultaneously	Horizontal	Vertical
Peak Avg.	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 9120D-HF HORIZONTAL Detector : Peak	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 9120D-HF VERTICAL Detector : Peak

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

ANT	Mode 7: Ant 0+1 11n HT20 Ch11 + Ant 2 BLE(2M) Ch39	
Simultaneously	Horizontal	Fundamental
Peak	 Site Condition : 03CH11-HY : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site Condition : 03CH11-HY : PEAK_74 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site Condition : 03CH11-HY : AVG_BE_54 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	 Site Condition : 03CH11-HY : AVG_54 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto



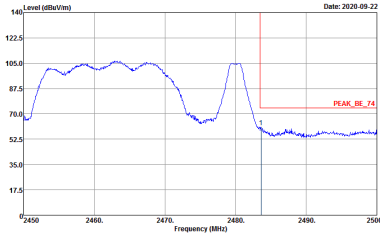
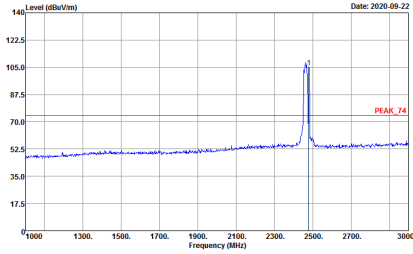
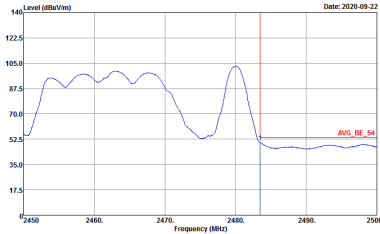
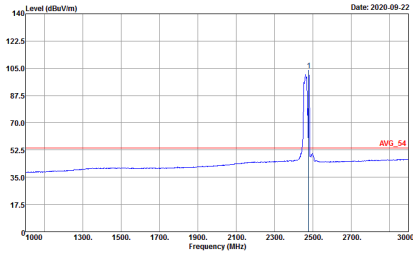
ANT	Mode 7: Ant 0+1 11n HT20 Ch11 + Ant 2 BLE(2M) Ch39	
Simultaneously	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	 Site : 03CH11-HY Condition : AVG_54 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto
Avg.		



BLE (Band Edge @ 3m)

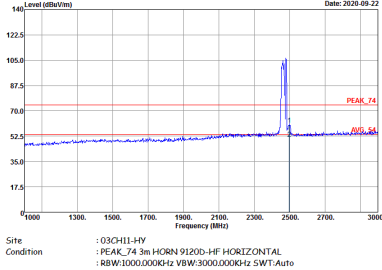
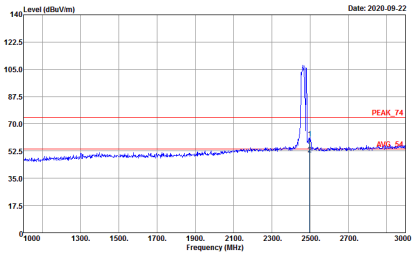
ANT	Mode 7: Ant 0+1 11n HT20 Ch11 + Ant 2 BLE(2M) Ch39	
Simultaneously	Horizontal	Fundamental
Peak	Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH11-HY Condition : PEAK_74 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Site : 03CH11-HY Condition : AVG_54 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto



ANT	Mode 7: Ant 0+1 11n HT20 Ch11 + Ant 2 BLE(2M) Ch39	
Simultaneously	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH11-HY Condition : AVG_54 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto

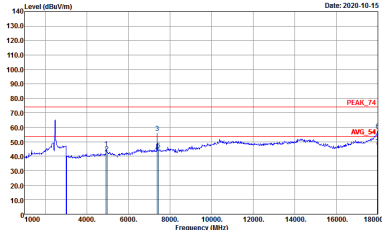
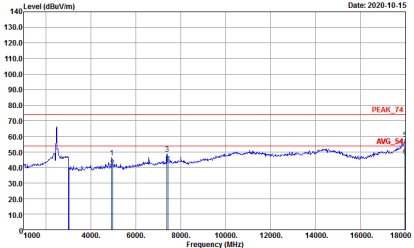


2.4GHz 2400~2483.5MHz (IM3 @ 3m)

ANT	Mode 7: Ant 0+1 11n HT20 Ch11 + Ant 2 BLE(2M) Ch39	
Simultaneously	Horizontal	Vertical
Peak Avg.	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto

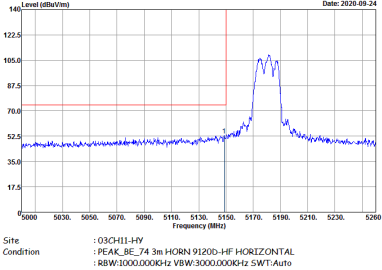
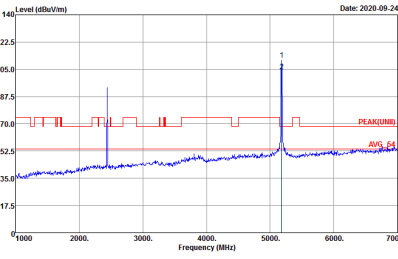
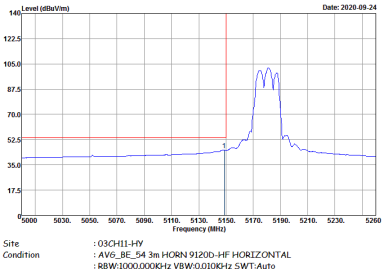


2.4GHz 2400~2483.5MHz (Harmonic @ 3m)

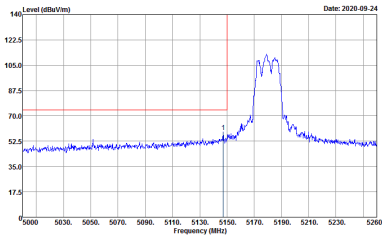
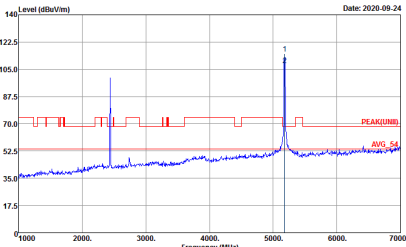
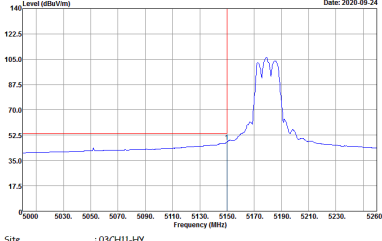
ANT	Mode 7: Ant 0+1 11n HT20 Ch11 + Ant 2 BLE(2M) Ch39	
Simultaneously	Horizontal	Vertical
Peak Avg.	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak



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

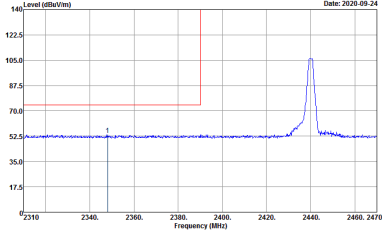
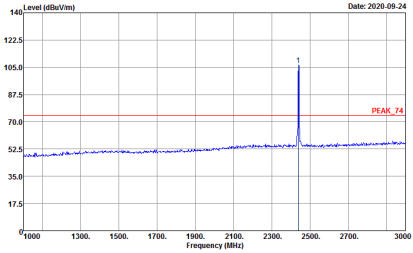
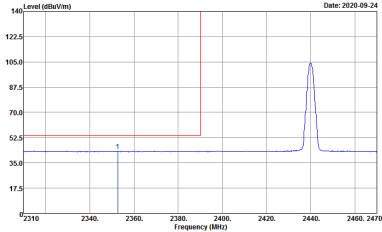
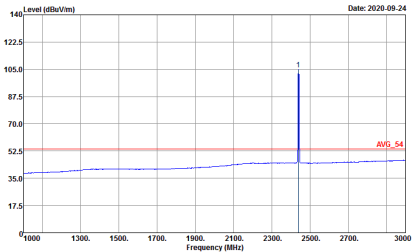
ANT	Mode 8: Ant 0+1 11a Ch36 + Ant 2 BLE(2M) Ch19	
Simultaneously	Horizontal	Fundamental
Peak	 Site Condition : 03CH11-HV : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site Condition : 03CH11-HV : PEAK(UNIT) 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site Condition : 03CH11-HV : AVG_BE_54 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left Blank



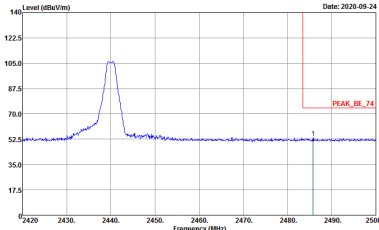
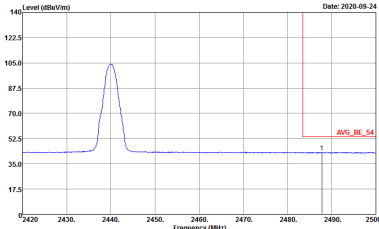
ANT	Mode 8: Ant 0+1 11a Ch36 + Ant 2 BLE(2M) Ch19	
Simultaneously	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left Blank



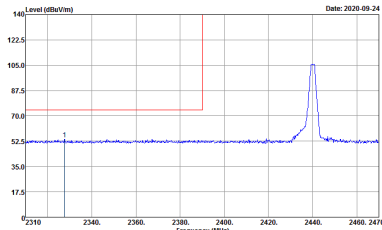
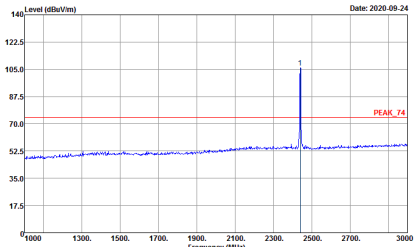
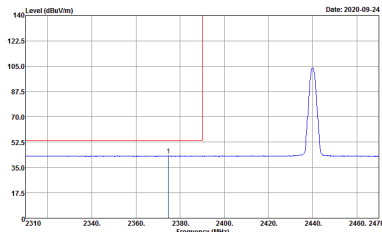
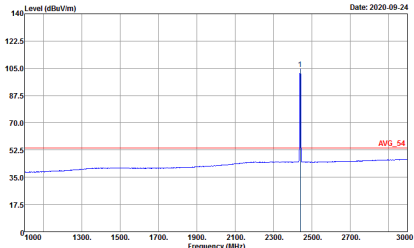
BLE (Band Edge @ 3m)

ANT	Mode 8: Ant 0+1 11a Ch36 + Ant 2 BLE(2M) Ch19 - L	
Simultaneously	Horizontal	Fundamental
Peak	 Site Condition : 03CH11-HY : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site Condition : 03CH11-HY : PEAK_74 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site Condition : 03CH11-HY : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site Condition : 03CH11-HY : AVG_54 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto

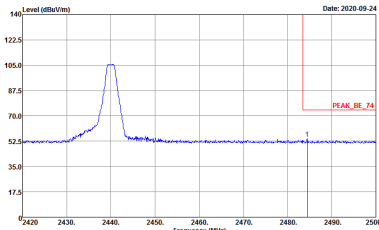
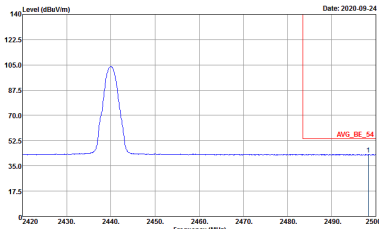


ANT	Mode 8: Ant 0+1 11a Ch36 + Ant 2 BLE(2M) Ch19 - R	
Simultaneously	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left Blank
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto	Left Blank



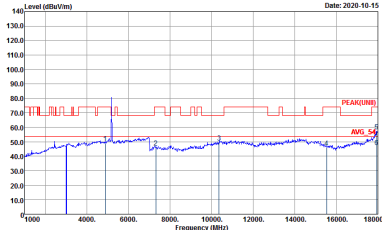
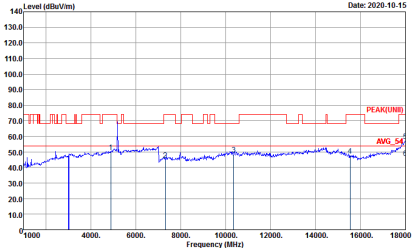
ANT	Mode 8: Ant 0+1 11a Ch36 + Ant 2 BLE(2M) Ch19 - L	
Simultaneously	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH11-HY Condition : AVG_54 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto
Avg.		



ANT	Mode 8: Ant 0+1 11a Ch36 + Ant 2 BLE(2M) Ch19 - R	
Simultaneously	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left Blank
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto	Left Blank

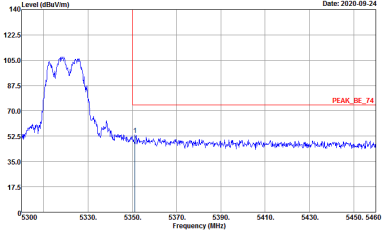
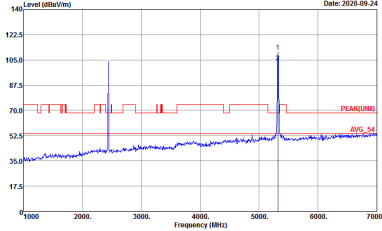
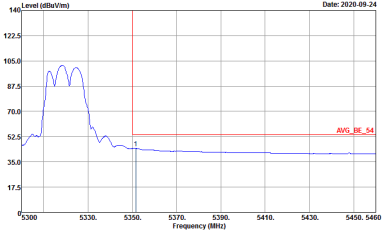


2.4GHz 2400~2483.5MHz, 5GHz 5150~5250MHz (Harmonic @ 3m)

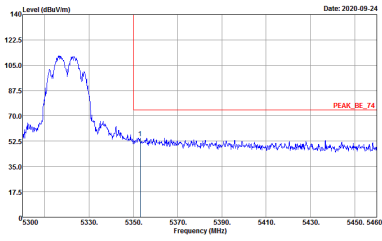
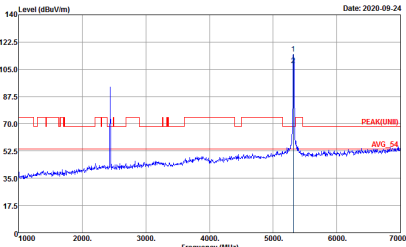
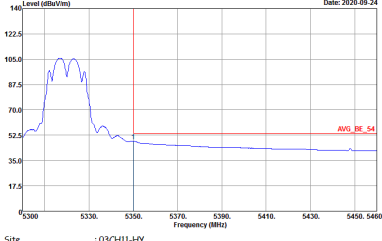
ANT	Mode 8: Ant 0+1 11a Ch36 + Ant 2 BLE(2M) Ch19	
Simultaneously	Horizontal	Vertical
Peak Avg.	 Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 91200-HF HORIZONTAL Detector : Peak	 Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 91200-HF VERTICAL Detector : Peak



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

ANT	Mode 9: Ant 0+1 11a Ch64 + Ant 2 BLE(2M) Ch19	
Simultaneously	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL : RBW1000.000KHz VBW3000.000KHz SWT:Auto	 Site : 03CH11-HY Condition : PEAK(LBB) 3m HORN 91200-HF HORIZONTAL : RBW1000.000KHz VBW3000.000KHz SWT:Auto
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL : RBW1000.000KHz VBW0.010KHz SWT:Auto	Left Blank



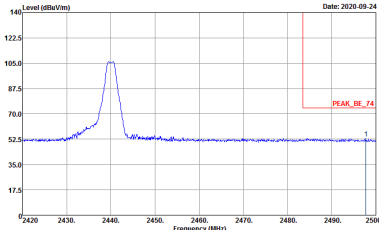
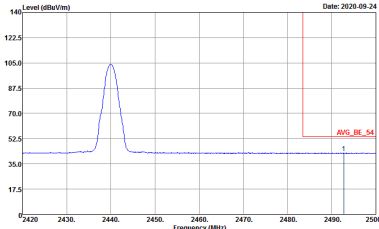
ANT	Mode 9: Ant 0+1 11a Ch64 + Ant 2 BLE(2M) Ch19	
Simultaneously	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH11-HY Condition : PEAK(FUND) 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left Blank



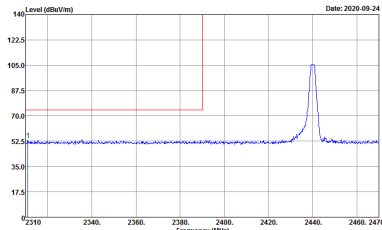
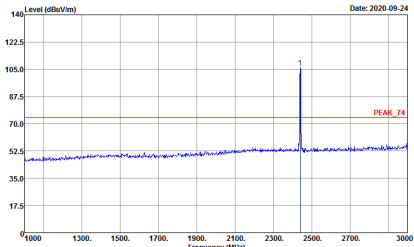
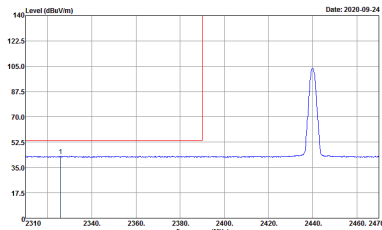
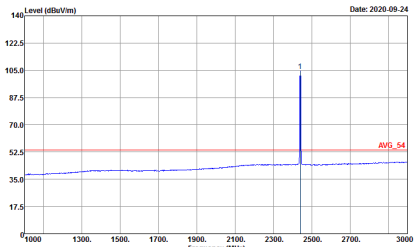
BLE (Band Edge @ 3m)

ANT	Mode 9: Ant 0+1 11a Ch64 + Ant 2 BLE(2M) Ch19 - L	
Simultaneously	Horizontal	Fundamental
Peak	Site Condition : 03CH11-HY : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site Condition : 03CH11-HY : PEAK_74 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site Condition : 03CH11-HY : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Site Condition : 03CH11-HY : AVG_54 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto

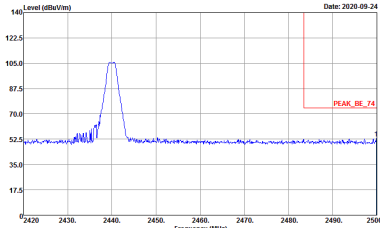
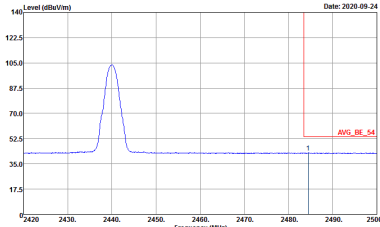


ANT	Mode 9: Ant 0+1 11a Ch64 + Ant 2 BLE(2M) Ch19 - R	
Simultaneously	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left Blank
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto	Left Blank



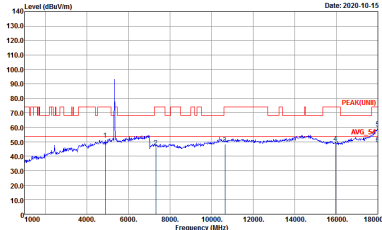
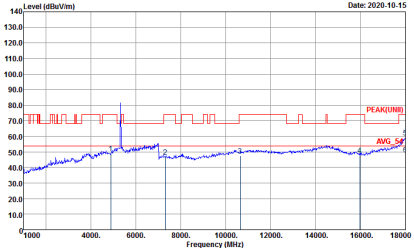
ANT	Mode 9: Ant 0+1 11a Ch64 + Ant 2 BLE(2M) Ch19 - L	
Simultaneously	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH11-HY Condition : AVG_54 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto
Avg.		



ANT	Mode 9: Ant 0+1 11a Ch64 + Ant 2 BLE(2M) Ch19 - R	
Simultaneously	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left Blank
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto	Left Blank



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

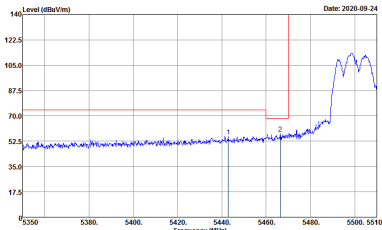
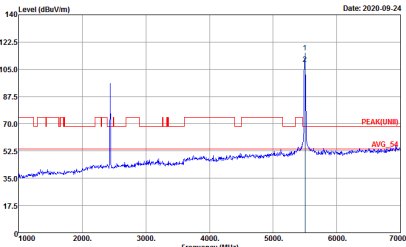
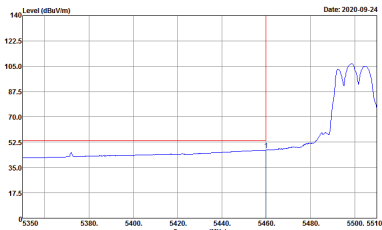
ANT	Mode 9: Ant 0+1 11a Ch64 + Ant 2 BLE(2M) Ch19	
Simultaneously	Horizontal	Vertical
Peak Avg.	 Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 91200-HF HORIZONTAL Detector : Peak	 Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 91200-HF VERTICAL Detector : Peak



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

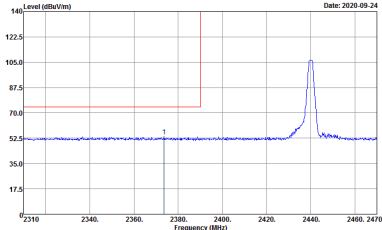
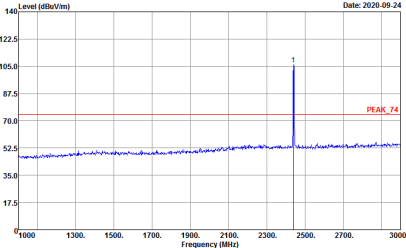
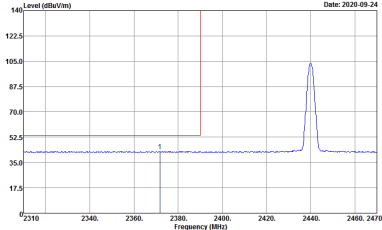
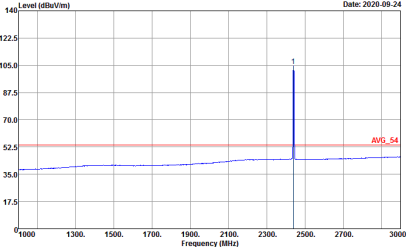
ANT	Mode 10: Ant 0+1 11a Ch100 + Ant 2 BLE(2M) Ch19	
Simultaneously	Horizontal	Fundamental
Peak	Site Condition : 03CH11-HY : PEAK_BE(UNIT)_B3 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site Condition : 03CH11-HY : PEAK(UNIT) 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site Condition : 03CH11-HY : AVG_BE(UNIT)_B3 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left Blank



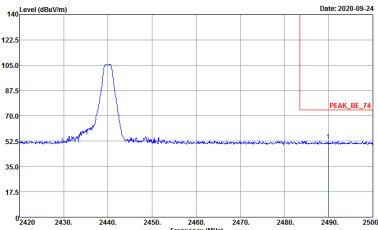
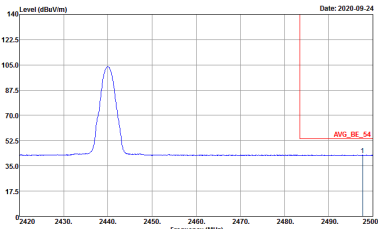
ANT	Mode 10: Ant 0+1 11a Ch100 + Ant 2 BLE(2M) Ch19	
Simultaneously	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE(UNIT)_B3 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH11-HY Condition : PEAK(UNIT)_B3 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH11-HY Condition : AVG_BE(UNIT)_B3 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left Blank



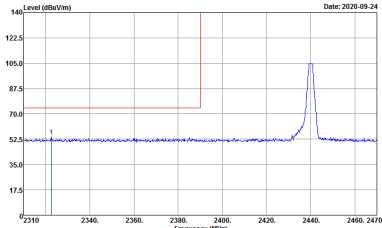
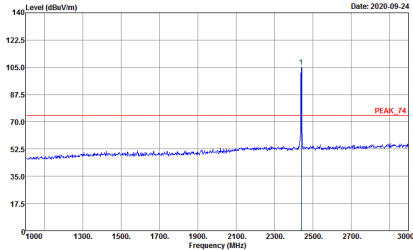
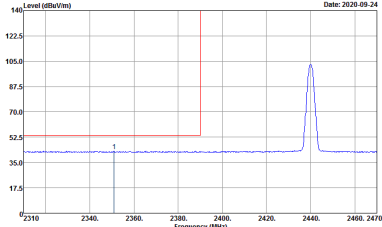
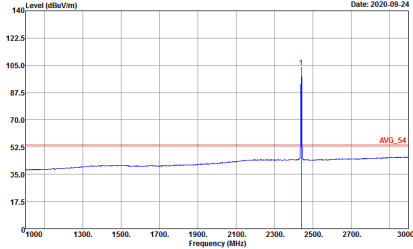
BLE (Band Edge @ 3m)

ANT	Mode 10: Ant 0+1 11a Ch100 + Ant 2 BLE(2M) Ch19 - L	
Simultaneously	Horizontal	Fundamental
Peak	 Site Condition : 03CH11-HY : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site Condition : 03CH11-HY : PEAK_74 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site Condition : 03CH11-HY : AVG_BE_54 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site Condition : 03CH11-HY : AVG_54 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto

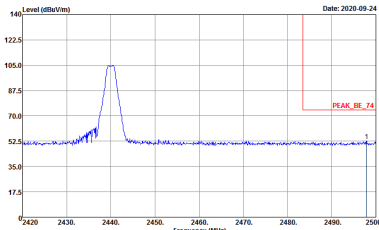
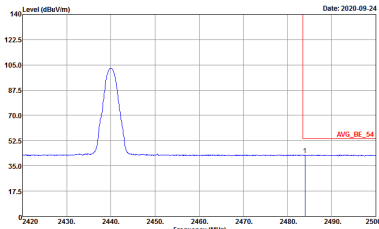


ANT	Mode 10: Ant 0+1 11a Ch100 + Ant 2 BLE(2M) Ch19 - R	
Simultaneously	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left Blank
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto	Left Blank



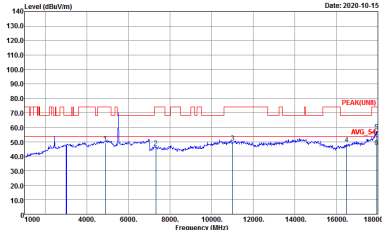
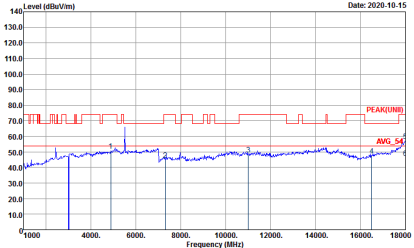
ANT	Mode 10: Ant 0+1 11a Ch100 + Ant 2 BLE(2M) Ch19 - L	
Simultaneously	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH11-HY Condition : AVG_54 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto



ANT	Mode 10: Ant 0+1 11a Ch100 + Ant 2 BLE(2M) Ch19 - R	
Simultaneously	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left Blank
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto	Left Blank

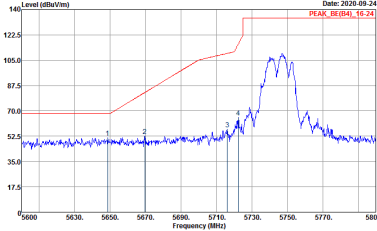
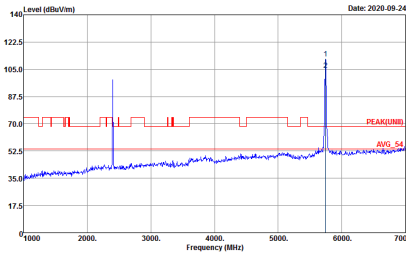


2.4GHz 2400~2483.5MHz, 5GHz 5470~5725MHz (Harmonic @ 3m)

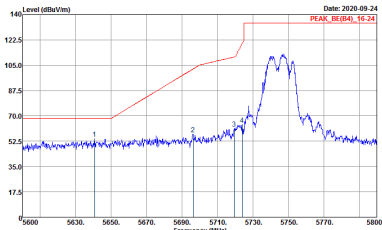
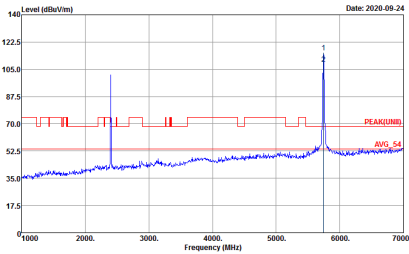
ANT	Mode 10: Ant 0+1 11a Ch100 + Ant 2 BLE(2M) Ch19	
Simultaneously	Horizontal	Vertical
Peak Avg.	 Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 9120D-HF HORIZONTAL Detector : Peak	 Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 9120D-HF VERTICAL Detector : Peak



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

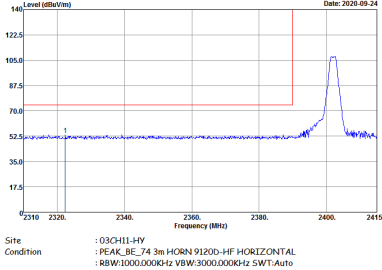
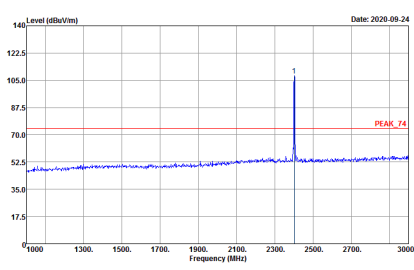
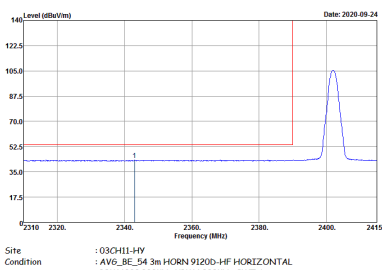
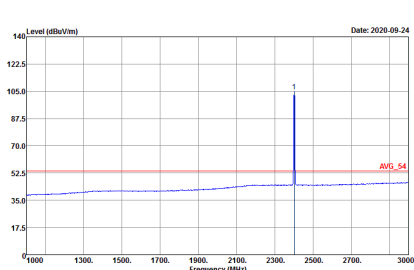
ANT	Mode 11: Ant 0+1 11a Ch149 + Ant 2 BLE(2M) Ch00	
Simultaneously	Horizontal	Fundamental
Peak	 Site Condition : 03CH11-HY : PEAK_BE(B4)_16-24 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site Condition : 03CH11-HY : PEAK(UNII)_3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto



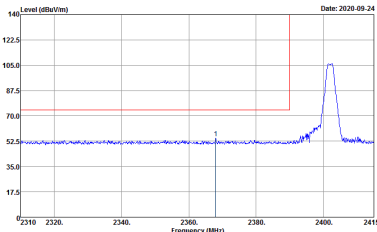
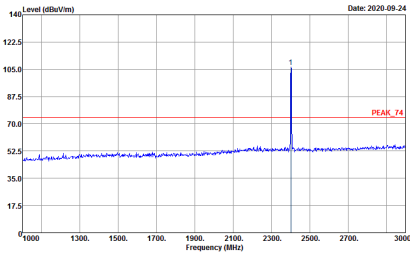
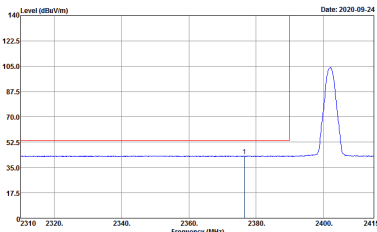
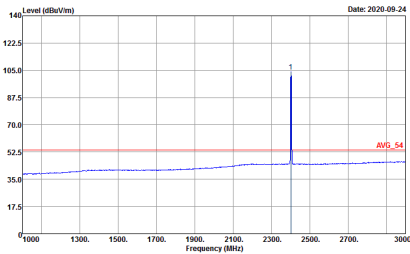
ANT	Mode 11: Ant 0+1 11a Ch149 + Ant 2 BLE(2M) Ch00	
Simultaneously	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto



BLE (Band Edge @ 3m)

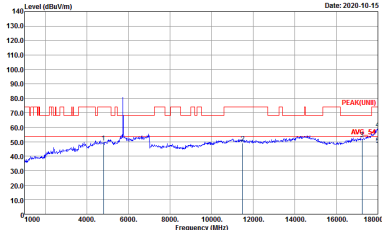
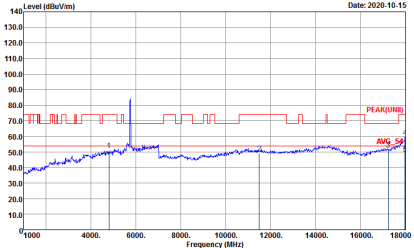
ANT	Mode 11: Ant 0+1 11a Ch149 + Ant 2 BLE(2M) Ch00	
Simultaneously	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH11-HY Condition : AVG_54 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto



ANT	Mode 11: Ant 0+1 11a Ch149 + Ant 2 BLE(2M) Ch00	
Simultaneously	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH11-HY Condition : AVG_54 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto

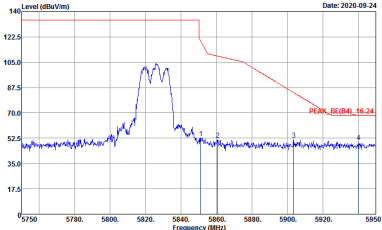
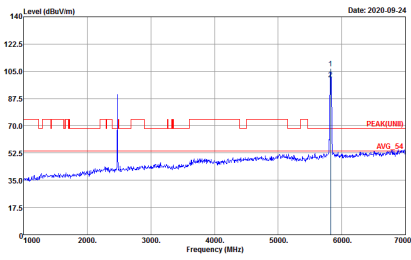


2.4GHz 2400~2483.5MHz, 5GHz 5725~5850MHz (Harmonic @ 3m)

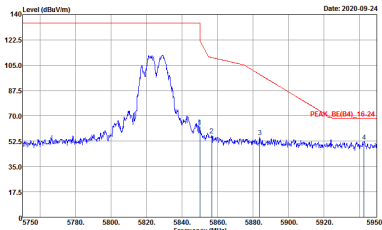
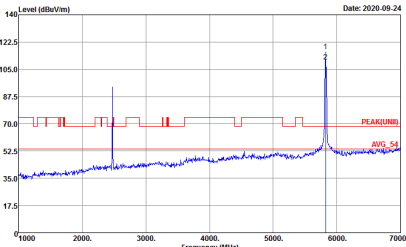
ANT	Mode 11: Ant 0+1 11a Ch149 + Ant 2 BLE(2M) Ch00	
Simultaneously	Horizontal	Vertical
Peak Avg.	 Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 91200-HF HORIZONTAL Detector : Peak	 Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 91200-HF VERTICAL Detector : Peak



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

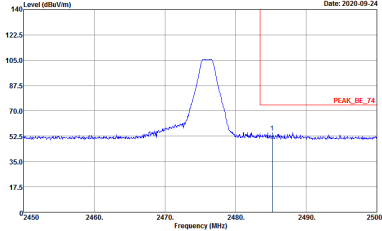
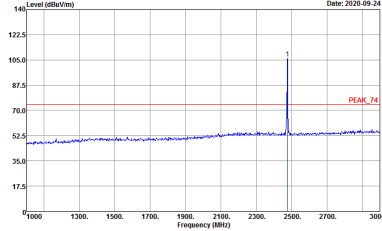
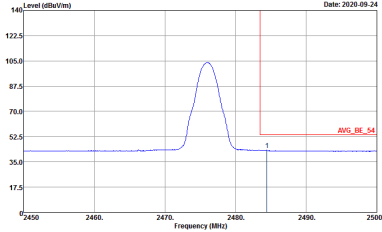
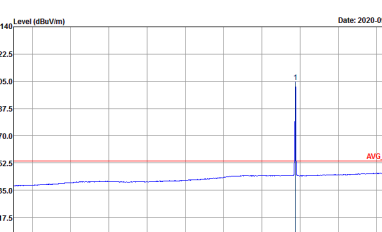
ANT	Mode 12: Ant 0+1 11a Ch165 + Ant 2 BLE(2M) Ch37	
Simultaneously	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE(B4)_16-24 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto



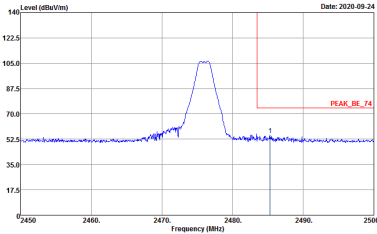
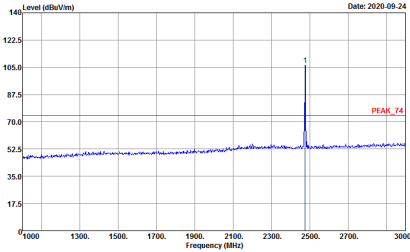
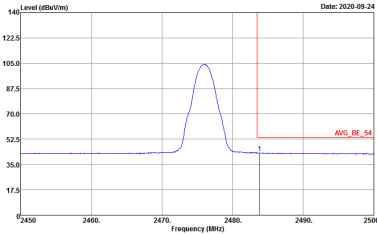
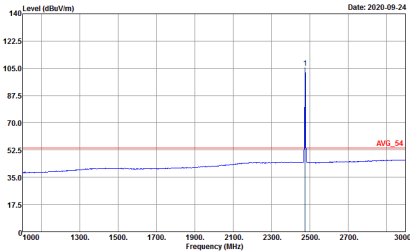
ANT	Mode 12: Ant 0+1 11a Ch165 + Ant 2 BLE(2M) Ch37	
Simultaneously	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto



BLE (Band Edge @ 3m)

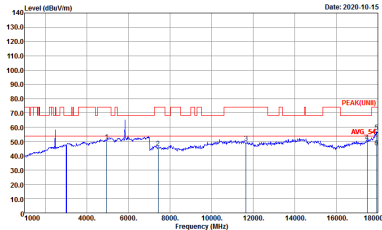
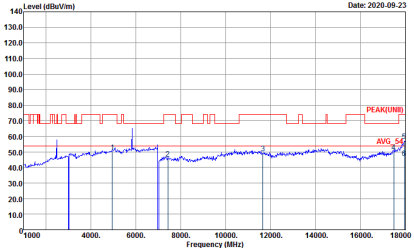
ANT	Mode 12: Ant 0+1 11a Ch165 + Ant 2 BLE(2M) Ch37	
Simultaneously	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH11-HY Condition : AVG_54 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto



ANT	Mode 12: Ant 0+1 11a Ch165 + Ant 2 BLE(2M) Ch37	
Simultaneously	Vertical	Fundamental
Peak	 Site Condition : 03CH11-HY : PEAK_BE_74 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site Condition : 03CH11-HY : PEAK_74 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site Condition : 03CH11-HY : AVG_BE_54 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site Condition : 03CH11-HY : AVG_54 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto
Avg.		



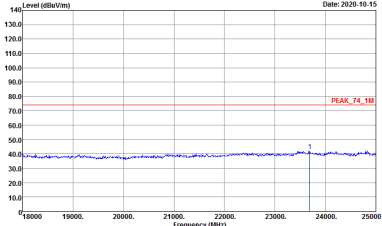
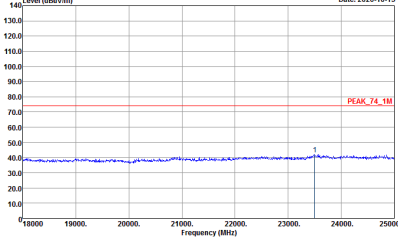
2.4GHz 2400~2483.5MHz, 5GHz 5725~5850MHz (Harmonic @ 3m)

ANT	Mode 12: Ant 0+1 11a Ch165 + Ant 2 BLE(2M) Ch37	
Simultaneously	Horizontal	Vertical
Peak Avg.	 Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 91200-HF HORIZONTAL Detector : Peak	 Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 91200-HF VERTICAL Detector : Peak



Emission above 18GHz

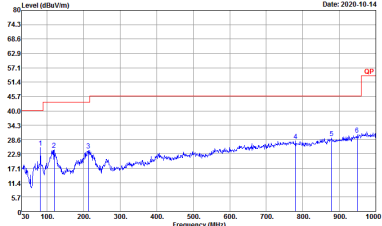
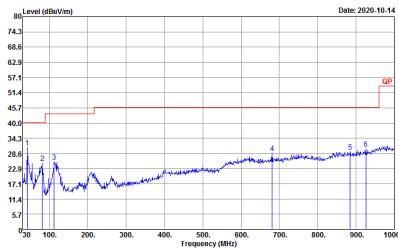
2.4GHz 2400~2483.5MHz (SHF)

ANT	Mode 1: Ant 0+1 11n HT20 Ch01 + Ant 2 BLE(2M) Ch00	
Simultaneously	Horizontal	Vertical
QP / Peak	 Site : 03CH11-HY Condition : PEAK_74_1M Im SHF HORN BBH49170576 HORIZONTAL Detector : Peak Project : 040941-01	 Site : 03CH11-HY Condition : PEAK_74_1M Im SHF HORN BBH49170576 VERTICAL Detector : Peak Project : 040941-01



Emission below 1GHz

2.4GHz 2400~2483.5MHz (LF)

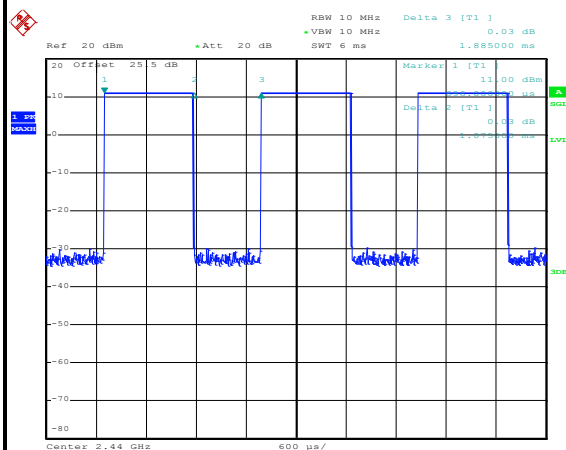
ANT	Mode 1: Ant 0+1 11n HT20 Ch01 + Ant 2 BLE(2M) Ch00	
Simultaneously	Horizontal	Vertical
QP / Peak	 Site : 03CH11-HY Condition : QP 3m 81LO6_15_41912 HORIZONTAL Detector : Peak Project : 040941-01 Ant 1+2 CDD : 11g(n20)_Tx_Ch01(17) + : BLE(2M)_Tx_Ch00(7/3)	 Site : 03CH11-HY Condition : QP 3m 81LO6_15_41912 VERTICAL Detector : Peak Project : 040941-01 Ant 1+2 CDD : 11g(n20)_Tx_Ch01(17) + : BLE(2M)_Tx_Ch00(7/3)

Appendix C. Duty Cycle Plots

Antenna	Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting	Duty Factor(dB)
2	Bluetooth – LE for 2Mbps	57.03	1075	0.93	1kHz	2.44
0+1	2.4GHz 802.11b for Ant. 0	100.00	-	-	10Hz	0.00
0+1	2.4GHz 802.11b for Ant. 1	100.00	-	-	10Hz	0.00
0+1	2.4GHz 802.11n HT20 for Ant. 0	100.00	-	-	10Hz	0.00
0+1	2.4GHz 802.11n HT20 for Ant. 1	100.00	-	-	10Hz	0.00
0+1	5GHz 802.11a for Ant. 0	100.00	-	-	10Hz	0.00
0+1	5GHz 802.11a for Ant. 1	100.00	-	-	10Hz	0.00

<Ant. 2>

Bluetooth – LE for 2Mbps

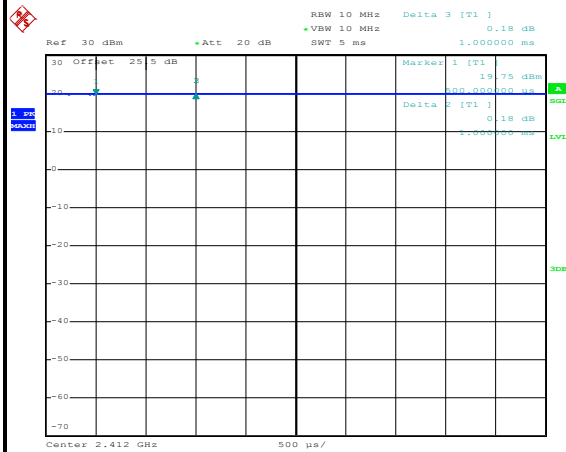


Date: 8.SEP.2020 17:45:03



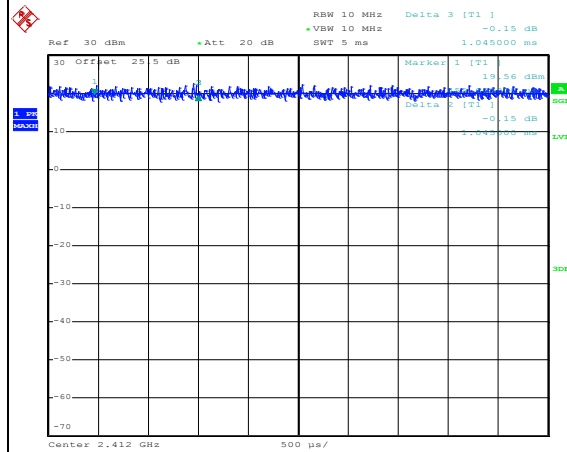
MIMO <Ant. 0>

2.4GHz 802.11b



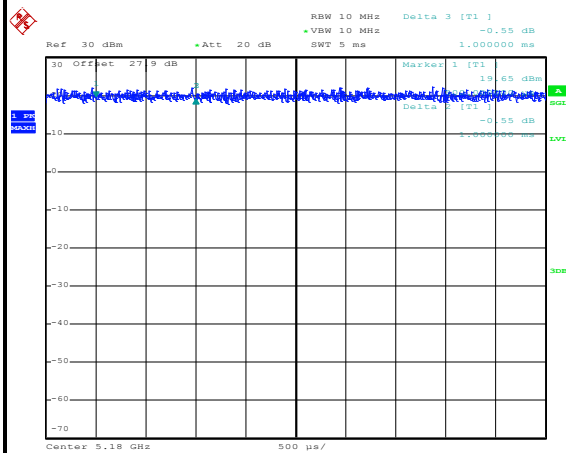
Date: 8.SEP.2020 15:48:02

2.4GHz 802.11n HT20



Date: 8.SEP.2020 16:37:38

5GHz 802.11a

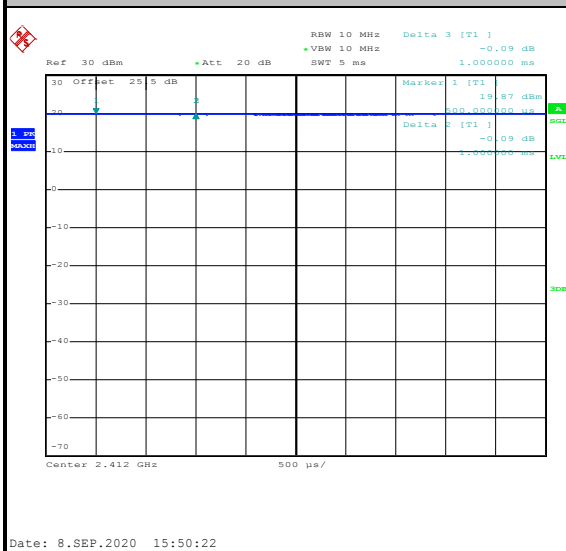


Date: 10.SEP.2020 14:23:48

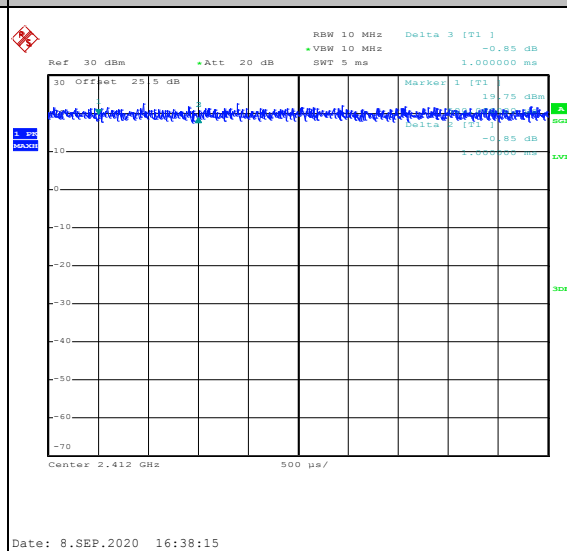


MIMO <Ant. 1>

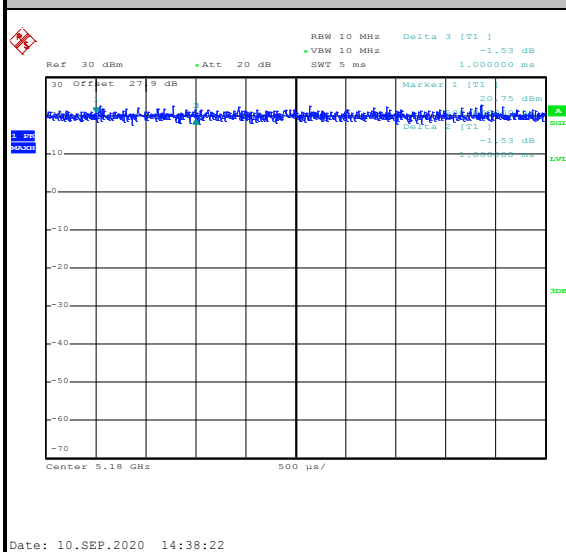
2.4GHz 802.11b



2.4GHz 802.11n HT20



5GHz 802.11a



—THE END—