FCC CO-LOCATION RADIO TEST REPORT

FCC ID	:	**2A4DH-6387**
Equipment	:	**Digital Media Receiver**
Model Name	:	**K3R6AT**
Applicant	:	**Amazon.com Services LLC** **410 Terry Avenue N, Seattle, WA 98109-5210 United States**
Standard	:	**FCC Part 15 Subpart E §15.407**

The product was received on Mar. 29, 2023 and testing was performed from Mar. 30, 2023 to Apr. 14, 2023. We, Sporton International Inc. Wensan Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

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

Louis Wu

Approved by: Louis Wu

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

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History of this test report

Report No.	Version	Description	Issue Date
FR2N1818-01G	01	Initial issue of report	May 09, 2023
FR2N1818-01G	02	Revise Support Unit used in test configuration and system This report is an updated version, replacing the report issued on May 09, 2023.	Aug. 18, 2023

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	Antenna Requirement	Pass

Conformity Assessment Condition:
1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacturer who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
2. The measurement uncertainty please refer to each test result in the section “Measurement Uncertainty”.
Disclaimer:
The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.

Reviewed by: Alan Liu

Report Producer: Clio Lo

1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
Equipment	Digital Media Receiver
Model Name	K3R6AT
FCC ID	2A4DH-6387
EUT supports Radios application	WLAN 11b/g/n HT20 WLAN 11a/n HT20/HT40 WLAN 11ac VHT20/VHT40/VHT80 WLAN 11ax HE20/HE40/HE80 Bluetooth BR/EDR/LE

1.2 Product Specification of Equipment Under Test

Product Specification is subject to this standard	
Tx/Rx Channel Frequency Range	2412 MHz ~ 2472 MHz 5180 MHz ~ 5240 MHz 5925 MHz ~ 6425 MHz 6875 MHz ~ 7125 MHz
Antenna Gain / Gain	**Bluetooth:** Printed PCB slot Antenna with gain 2.0 dBi **WLAN** **<2412 MHz ~ 2472 MHz>** Ant. 0: Printed PCB slot Antenna with gain 2.0 dBi Ant. 1: Printed PCB slot Antenna with gain 1.0 dBi **<5180 MHz ~ 5240 MHz>** Ant. 0: Printed PCB monopole Antenna with gain 3.5 dBi Ant. 1: Printed PCB monopole Antenna with gain 3.0 dBi **<5925 MHz ~ 6425 MHz >** Ant. 0: Printed PCB monopole Antenna with gain 5.0 dBi Ant. 1: Printed PCB monopole Antenna with gain 5.0 dBi **<6875 MHz ~ 7125 MHz >** Ant. 0: Printed PCB monopole Antenna with gain 5.0 dBi Ant. 1: Printed PCB monopole Antenna with gain 5.0 dBi

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

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

1.3 Modification of EUT

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

1.4 Testing Location

<table>
<tr><td>Test Site</td><td>Sporton International Inc. Wensan Laboratory</td></tr>
<tr><td>Test Site Location</td><td>No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist.,
Taoyuan City 333010, Taiwan (R.O.C.)
TEL: +886-3-327-0868
FAX: +886-3-327-0855</td></tr>
<tr><td rowspan="2">Test Site No.</td><td>Sporton Site No.</td></tr>
<tr><td>03CH13-HY</td></tr>
</table>

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

FCC designation No.: TW3786

1.5 Applicable Standards

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

- FCC Part 15 Subpart C §15.247
- FCC Part 15 Subpart E
- FCC KDB Publication No. 558074 D01 15.247 Meas Guidance v05r02
- FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
- FCC KDB 987594 D02 U-NII 6 GHz EMC Measurement v01r01
- FCC KDB 414788 D01 Radiated Test Site v01r01.
- FCC KDB 662911 D01 Multiple Transmitter Output v02r01.
- ANSI C63.10-2013

Remark:

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

2 Test Configuration of Equipment Under Test

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

2.1 Carrier Frequency and Channel

2400-2483.5 MHz			
Bluetooth - LE (1Mbps)			
Channel	Freq. (MHz)	Channel	Freq. (MHz)
00	2402	29	2460
01	2404	39	2480
18	2438	-	-

2400-2483.5 MHz			
802.11b		802.11ax HE20	
Channel	Freq. (MHz)	Channel	Freq. (MHz)
01	2412	01	2412
03	2422	11	2462
08	2447	-	-

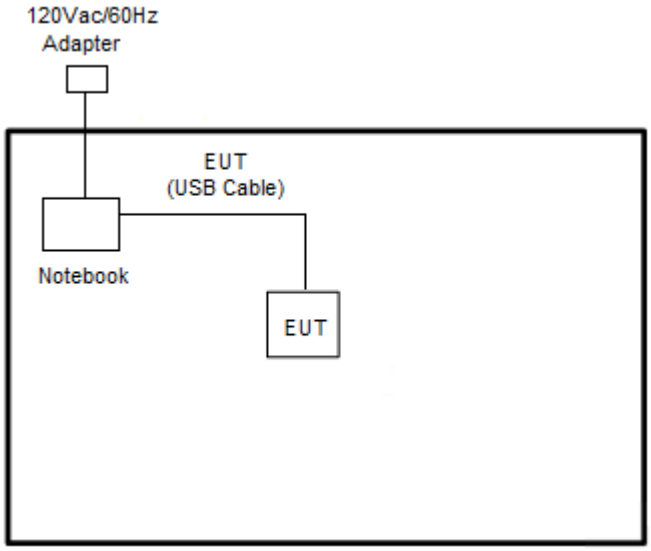
5180 MHz ~ 5240 MHz 802.11a		5925 MHz ~ 6425 MHz 802.11a		6875 MHz ~ 7125 MHz 802.11a	
Channel	Freq. (MHz)	Channel	Freq. (MHz)	Channel	Freq. (MHz)
36	5180	01	5955	233	7115

2.2 Test Mode

<Co-Location>

Test Mode	Modulation	Data Rate
Mode 1	WLAN 2.4GHz 802.11ax HE20 Ch01 for Ant. 1+ Bluetooth-LE Ch00	MCS0 + 1 Mbps
Mode 2	WLAN 2.4GHz 802.1b Ch 01 for Ant. 1 + Bluetooth-LE Ch 18	1 Mbps + 1 Mbps
Mode 3	WLAN 2.4GHz 802.1b Ch 03 for Ant. 1 + Bluetooth-LE Ch 29	1 Mbps + 1 Mbps
Mode 4	WLAN 2.4GHz 802.1b Ch 08 for Ant. 1 + Bluetooth-LE Ch 01	1 Mbps + 1 Mbps
Mode 5	WLAN 2.4GHz 802.11ax HE20 Ch 11 for Ant. 1 + Bluetooth-LE Ch 39	MCS0 + 1 Mbps
Mode 6	WLAN 5GHz 802.11a Ch 36 for MIMO <Ant. 0+1> + Bluetooth-LE Ch 39	6 Mbps + 1 Mbps
Mode 7	WLAN 6GHz 802.11ax HE20 Ch 233 for MIMO <Ant. 0+1> + Bluetooth-LE Ch 00	MCS0 + 1 Mbps
Mode 8	WLAN 2.4GHz 802.11b Ch 36 for Ant. 1 + WLAN 5GHz 802.11a Ch 01 for Ant. 0	1 Mbps + 6 Mbps
Mode 9	WLAN 6GHz 802.11a Ch 01 for Ant. 0 + WLAN 5GHz 802.11a Ch 36 for Ant. 1	6 Mbps + 6 Mbps

2.3 Connection Diagram of Test System



2.4 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Serial number	FCC ID	Data Cable	Power Cord
1.	Notebook	Acer	NXHMYTA0050100BA2B7600	PD9AX201NG	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m

2.5 EUT Operation Test Setup

The RF test items, utility “ComplianceTool 1.0.1.22” was installed in Notebook which was programmed in order to make the EUT get into the engineering modes to provide channel selection, power level, data rate and the application type and for continuous transmitting signals.

3 Test Result

3.1 Unwanted Emissions Measurement

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

3.1.1 Limit of Unwanted Emissions

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

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

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

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

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

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

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

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

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

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

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

3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

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

Section G) Unwanted emissions measurement.

(1) Procedure for Unwanted Emissions Measurements Below 1000 MHz

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

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

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

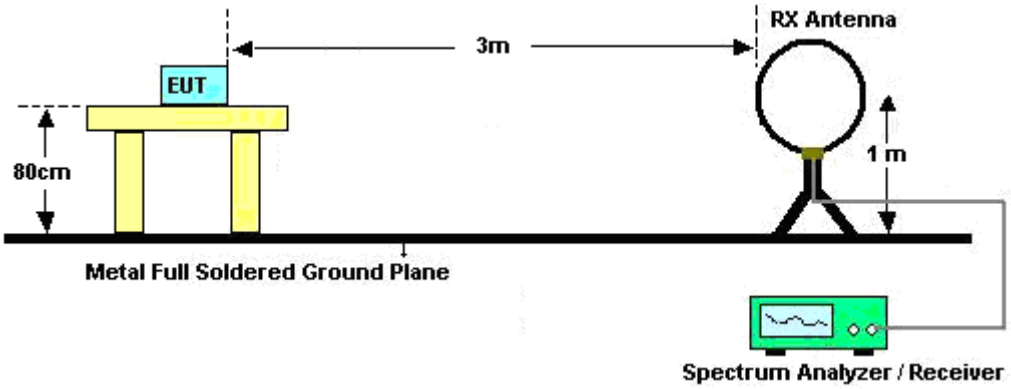
(3) Procedures for Average Unwanted Emissions Measurements Above 1000 MHz

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

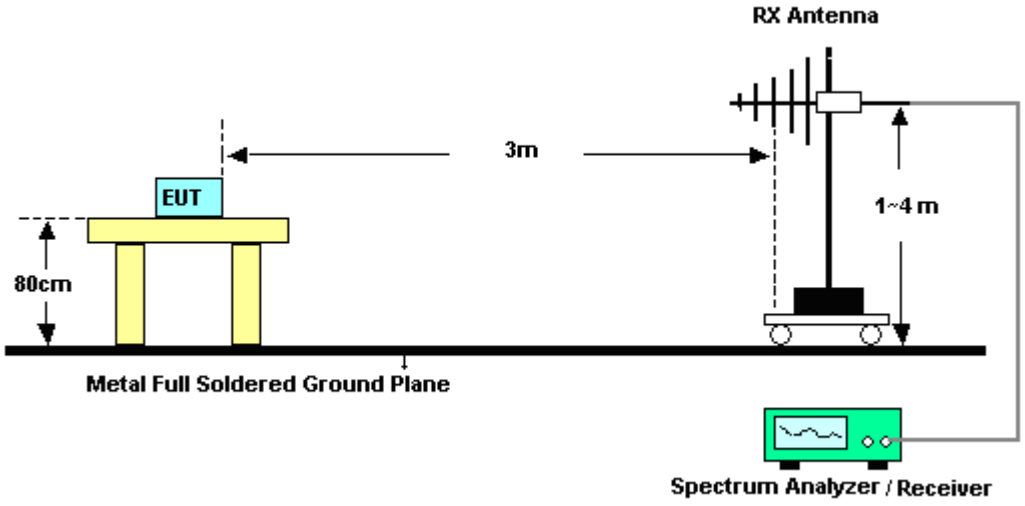
2. The EUT is placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
3. The EUT is set 3 meters away from the receiving antenna which is mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna and its height is adjusted between one meter and four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
5. For each suspected emission, the EUT is arranged to its worst case and then adjust the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
6. Radiated testing below 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading. When there is no suspected emission found and the emission level is with at least 6 dB margin against QP limit line, the position is marked as "-".
7. Radiated testing above 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading for scanning all frequencies. When there is no suspected emission found and the harmonic emission level is with at least 6 dB margin against average limit line, the position is marked as "-".

3.1.4 Test Setup

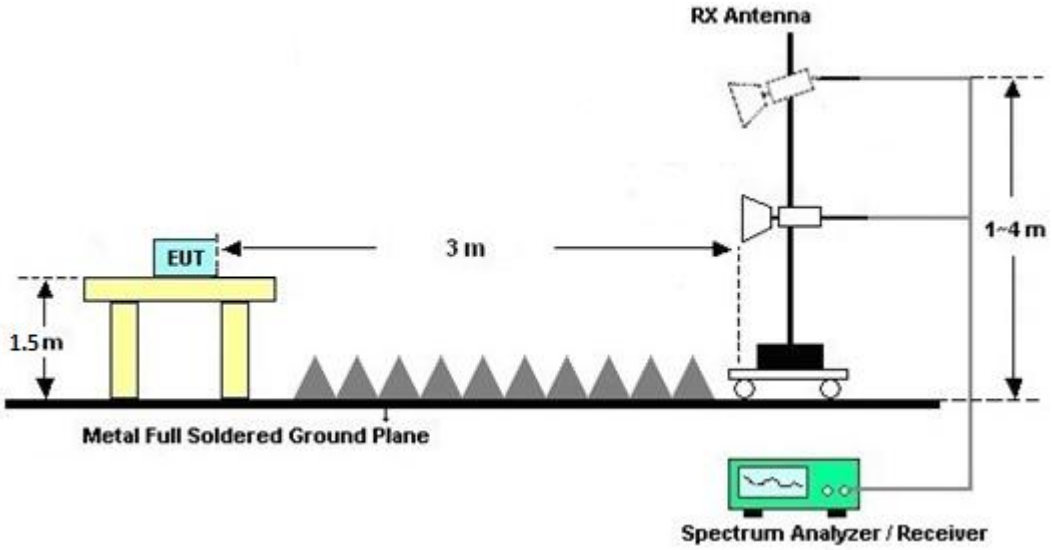
For radiated emissions below 30MHz



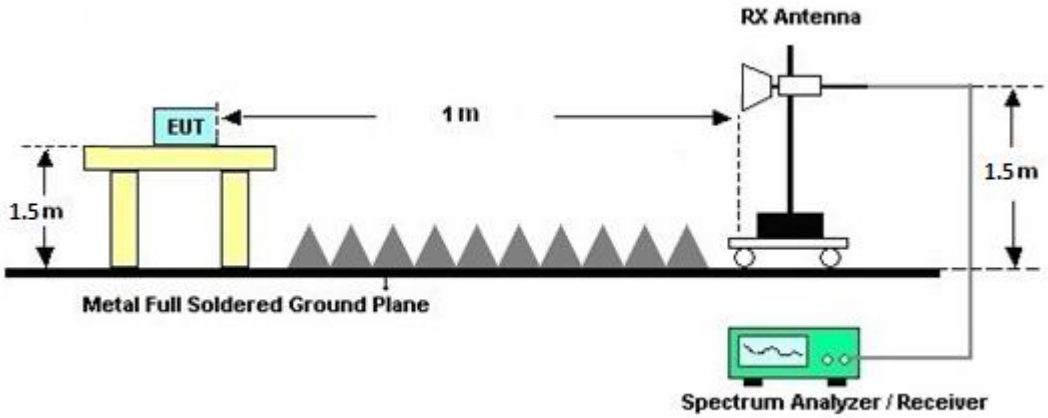
For radiated emissions from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



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

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

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

3.1.6 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

The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the rule.

3.2.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Hygrometer	TECPEL	DTM-303B	TP140325	N/A	Nov. 07, 2022	Mar. 30, 2023~ Apr. 14, 2023	Nov. 06, 2023	Radiation (03CH13-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Sep. 20, 2022	Mar. 30, 2023~ Apr. 14, 2023	Sep. 19, 2023	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	9K~30M	Mar. 07, 2023	Mar. 30, 2023~ Apr. 14, 2023	Mar. 06, 2024	Radiation (03CH13-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA9170	00993	18GHz-40GHz	Nov. 24, 2022	Mar. 30, 2023~ Apr. 14, 2023	Nov. 23, 2023	Radiation (03CH13-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA9170	00994	18GHz-40GHz	Nov. 04, 2022	Mar. 30, 2023~ Apr. 14, 2023	Nov. 03, 2023	Radiation (03CH13-HY)
Preamplifier	EMEC	EM18G40G	060715	18GHz~40GHz	Dec. 07, 2022	Mar. 30, 2023~ Apr. 14, 2023	Dec. 06, 2023	Radiation (03CH13-HY)
Amplifier	SONOMA	310N	187282	9kHz~1GHz	Dec. 14, 2022	Mar. 30, 2023~ Apr. 14, 2023	Dec. 13, 2023	Radiation (03CH13-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N -06	55606 & 08	30MHz~1GHz	Oct. 22, 2022	Mar. 30, 2023~ Apr. 14, 2023	Oct. 21, 2023	Radiation (03CH13-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-1241	1GHz~18GHz	Jul. 25, 2022	Mar. 30, 2023~ Apr. 14, 2023	Jul. 24, 2023	Radiation (03CH13-HY)
Preamplifier	MITEQ	AMF-7D-0010 1800-30-10P	1590074	1GHz~18GHz	May 17, 2022	Mar. 30, 2023~ Apr. 14, 2023	May 16, 2023	Radiation (03CH13-HY)
Spectrum Analyzer	Keysight	N9010A	MY55370526	10Hz~44GHz	Mar. 23, 2023	Mar. 30, 2023~ Apr. 14, 2023	Mar. 22, 2024	Radiation (03CH13-HY)
Filter	Wainwright	WLK4-1000-1530-8000-40SS	SN12	1.53GHz Low Pass Filter	Sep. 13, 2022	Mar. 30, 2023~ Apr. 14, 2023	Sep. 12, 2023	Radiation (03CH13-HY)
Filter	Wainwright	WHKX12-2700 -3000-18000-60SS	SN2	3GHz High Pass Filter	Jul. 11, 2022	Mar. 30, 2023~ Apr. 14, 2023	Jul. 10, 2023	Radiation (03CH13-HY)
Filter	Wainwright	WHKX8-5872.5-6750-18000-40ST	SN5	6.75GHz High Pass Filter	Mar. 09, 2023	Mar. 30, 2023~ Apr. 14, 2023	Mar. 08, 2024	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 126E	0030/126E	30MHz~18GHz	Feb. 08, 2023	Mar. 30, 2023~ Apr. 14, 2023	Feb. 07, 2024	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	804793/4	30MHz~18GHz	Feb. 08, 2023	Mar. 30, 2023~ Apr. 14, 2023	Feb. 07, 2024	Radiation (03CH13-HY)

5 Measurement Uncertainty

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**6.50 dB**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**4.40 dB**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**4.80 dB**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**5.30 dB**

Appendix A. Radiated Spurious Emission

Test Engineer :	Rain Lee, Jacky Hung and Mancy Chou	Temperature :	20~26°C
		Relative Humidity :	40~65%

2.4GHz 2400~2483.5MHz

WLAN (2.4GHz) 802.11ax HE20_TX_CH01 + Bluetooth-LE_TX_Ch00 (Band Edge @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 _TX_CH01 + Bluetooth-LE _TX_Ch00		2387.84	56.38	-17.62	74	42.37	27.45	14.34	27.78	100	217	P	H
		2389.968	45.85	-8.15	54	31.83	27.46	14.34	27.78	100	217	A	H
	*	2412	107.78	-	-	93.62	27.57	14.36	27.77	100	217	P	H
	*	2412	97.28	-	-	83.12	27.57	14.36	27.77	100	217	A	H
		2388.064	57.54	-16.46	74	43.53	27.45	14.34	27.78	388	304	P	V
		2389.744	46.2	-7.8	54	32.18	27.46	14.34	27.78	388	304	A	V
	*	2412	99.71	-	-	85.55	27.57	14.36	27.77	388	304	P	V
	*	2412	90.09	-	-	75.93	27.57	14.36	27.77	388	304	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

WLAN (2.4GHz) 802.11ax HE20_TX_CH01 + Bluetooth-LE_TX_Ch00 (Band Edge @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 _TX_CH01 + Bluetooth-LE _TX_Ch00		2387.385	57.09	-16.91	74	43.08	27.45	14.34	27.78	154	81	P	H
		2390	47.36	-6.64	54	33.34	27.46	14.34	27.78	154	81	A	H
	*	2402	101.17	-	-	87.08	27.51	14.35	27.77	154	81	P	H
	*	2402	99.13	-	-	85.04	27.51	14.35	27.77	154	81	A	H
		2389.695	56.74	-17.26	74	42.72	27.46	14.34	27.78	392	297	P	V
		2388.435	46.6	-7.4	54	32.59	27.45	14.34	27.78	392	297	A	V
	*	2402	100.75	-	-	86.66	27.51	14.35	27.77	392	297	P	V
	*	2402	98.5	-	-	84.41	27.51	14.35	27.77	392	297	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

WLAN (2.4GHz) 802.11ax HE20_TX_CH01 + Bluetooth-LE_TX_Ch00 ((Harmonic @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 _TX_CH01 + Bluetooth-LE _TX_Ch00		4804	41.05	-32.95	74	58.74	32.42	7.23	57.34	-	-	P	H
		4824	40.7	-33.3	74	58.26	32.5	7.25	57.31	-	-	P	H
		4804	41.02	-32.98	74	58.71	32.42	7.23	57.34	-	-	P	V
		4824	40.59	-33.41	74	58.15	32.5	7.25	57.31	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												

2.4GHz 2400~2483.5MHz

WLAN (2.4GHz) 802.11b_TX_CH01 + Bluetooth-LE_TX_Ch18 (Band Edge @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11b _TX_CH01 + Bluetooth-LE _TX_Ch18		2386.048	57.19	-16.81	74	43.19	27.44	14.34	27.78	167	216	P	H
		2386.048	49.14	-4.86	54	35.14	27.44	14.34	27.78	167	216	A	H
	*	2412	107.14	-	-	92.98	27.57	14.36	27.77	167	216	P	H
	*	2412	103.67	-	-	89.51	27.57	14.36	27.77	167	216	A	H
		2382.016	55.69	-18.31	74	41.7	27.43	14.34	27.78	392	307	P	V
		2385.936	46.77	-7.23	54	32.77	27.44	14.34	27.78	392	307	A	V
	*	2412	100.18	-	-	86.02	27.57	14.36	27.77	392	307	P	V
	*	2412	96.71	-	-	82.55	27.57	14.36	27.77	392	307	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

WLAN (2.4GHz) 802.11b_TX_CH01 + Bluetooth-LE_TX_Ch18 (Band Edge @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBµV/m)	Margin Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11b _TX_CH01 + Bluetooth-LE _TX_Ch18		2385.9	56.03	-17.97	74	42.03	27.44	14.34	27.78	132	80	P	H
		2385.9	46.88	-7.12	54	32.88	27.44	14.34	27.78	132	80	A	H
	*	2438	99.57	-	-	85.21	27.73	14.39	27.76	132	80	P	H
	*	2438	98.84	-	-	84.48	27.73	14.39	27.76	132	80	A	H
		2490.97	55.03	-18.97	74	40.44	27.88	14.45	27.74	132	80	P	H
		2495.45	45.07	-8.93	54	30.47	27.89	14.45	27.74	132	80	A	H
		2320.95	54.78	-19.22	74	40.99	27.3	14.29	27.8	376	297	P	V
		2386.05	45.71	-8.29	54	31.71	27.44	14.34	27.78	376	297	A	V
	*	2438	99.32	-	-	84.96	27.73	14.39	27.76	376	297	P	V
	*	2438	98.51	-	-	84.15	27.73	14.39	27.76	376	297	A	V
		2496.22	55.55	-18.45	74	40.95	27.89	14.45	27.74	376	297	P	V
		2492.51	45.1	-8.9	54	30.5	27.89	14.45	27.74	376	297	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

WLAN (2.4GHz) 802.11b_TX_CH01 + Bluetooth-LE_TX_Ch18 (IM3 @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11b _TX_CH01 + Bluetooth-LE _TX_Ch18		2386	58.51	-15.49	74	44.51	27.44	14.34	27.78	112	231	P	H
		2386	51.4	-2.6	54	37.4	27.44	14.34	27.78	112	231	A	H
		2386	56.75	-17.25	74	42.75	27.44	14.34	27.78	400	307	P	V
		2386	48.56	-5.44	54	34.56	27.44	14.34	27.78	400	307	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

WLAN (2.4GHz) 802.11b_TX_CH01 + Bluetooth-LE_TX_Ch18 ((Harmonic @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11b _TX_CH01 + Bluetooth-LE _TX_Ch18		4824	50.87	-23.13	74	68.43	32.5	7.25	57.31	104	257	P	H
		4824	47.89	-6.11	54	65.45	32.5	7.25	57.31	104	257	A	H
		4876	40.68	-33.32	74	57.98	32.65	7.28	57.23	-	-	P	H
		7314	45.15	-28.85	74	56.66	36.94	8.88	57.33	-	-	P	H
		4824	47.31	-26.69	74	64.87	32.5	7.25	57.31	347	101	P	V
		4824	43.59	-10.41	54	61.15	32.5	7.25	57.31	347	101	A	V
		4876	40.9	-33.1	74	58.2	32.65	7.28	57.23	-	-	P	V
		7314	44.29	-29.71	74	55.8	36.94	8.88	57.33	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												

2.4GHz 2400~2483.5MHz

WLAN (2.4GHz) 802.11b_TX_CH03 + Bluetooth-LE_TX_Ch29 (Band Edge @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11b _TX_CH03 + Bluetooth-LE _TX_Ch29		2384.032	56.68	-17.32	74	42.68	27.44	14.34	27.78	115	227	P	H
		2384.144	48.39	-5.61	54	34.39	27.44	14.34	27.78	115	227	A	H
	*	2422	107.23	-	-	93	27.63	14.37	27.77	115	227	P	H
	*	2422	103.8	-	-	89.57	27.63	14.37	27.77	115	227	A	H
		2375.408	55.23	-18.77	74	41.28	27.4	14.33	27.78	380	301	P	V
		2383.92	45.09	-8.91	54	31.09	27.44	14.34	27.78	380	301	A	V
	*	2422	99.89	-	-	85.66	27.63	14.37	27.77	380	301	P	V
	*	2422	96.66	-	-	82.43	27.63	14.37	27.77	380	301	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

WLAN (2.4GHz) 802.11b_TX_CH03 + Bluetooth-LE_TX_Ch29 (Band Edge @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11b _TX_CH03 + Bluetooth-LE _TX_Ch29		2350.05	55.44	-18.56	74	41.62	27.3	14.31	27.79	123	78	P	H
		2384.1	45.62	-8.38	54	31.62	27.44	14.34	27.78	123	78	A	H
	*	2460	97.44	-	-	82.96	27.82	14.41	27.75	123	78	P	H
	*	2460	96.84	-	-	82.36	27.82	14.41	27.75	123	78	A	H
		2497.27	56.25	-17.75	74	41.65	27.89	14.45	27.74	123	78	P	H
		2496.71	46.76	-7.24	54	32.16	27.89	14.45	27.74	123	78	A	H
		2384.55	54.77	-19.23	74	40.77	27.44	14.34	27.78	400	304	P	V
		2383.95	45.91	-8.09	54	31.91	27.44	14.34	27.78	400	304	A	V
	*	2460	92.67	-	-	78.19	27.82	14.41	27.75	400	304	P	V
	*	2460	91.96	-	-	77.48	27.82	14.41	27.75	400	304	A	V
		2495.66	56.37	-17.63	74	41.77	27.89	14.45	27.74	400	304	P	V
		2498.95	46.7	-7.3	54	32.09	27.9	14.45	27.74	400	304	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

WLAN (2.4GHz) 802.11b_TX_CH03 + Bluetooth-LE_TX_Ch29 (IM3 @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11b _TX_CH03 + Bluetooth-LE _TX_Ch29		2384	56.98	-17.02	74	42.98	27.44	14.34	27.78	119	229	P	H
		2384	49.97	-4.03	54	35.97	27.44	14.34	27.78	119	229	A	H
		2384	56.27	-17.73	74	42.27	27.44	14.34	27.78	396	307	P	V
		2384	47.6	-6.4	54	33.6	27.44	14.34	27.78	396	307	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

WLAN (2.4GHz) 802.11b_TX_CH03 + Bluetooth-LE_TX_Ch29 (IM3 @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11b _TX_CH03 + Bluetooth-LE _TX_Ch29		2498	58.52	-15.48	74	43.91	27.9	14.45	27.74	400	311	P	H
		2498	50.2	-3.8	54	35.59	27.9	14.45	27.74	400	311	A	H
		2498	58.93	-15.07	74	44.32	27.9	14.45	27.74	400	298	P	V
		2498	49.84	-4.16	54	35.23	27.9	14.45	27.74	400	298	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

WLAN (2.4GHz) 802.11b_TX_CH03 + Bluetooth-LE_TX_Ch29 ((Harmonic @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11b _TX_CH03 + Bluetooth-LE _TX_Ch29		4844	51.69	-22.31	74	69.12	32.58	7.27	57.28	100	255	P	H
		4844	48.64	-5.36	54	66.07	32.58	7.27	57.28	100	255	A	H
		4920	41.59	-32.41	74	58.61	32.82	7.32	57.16	-	-	P	H
		7266	46.49	-27.51	74	57.82	37.07	8.86	57.26	-	-	P	H
		7380	44.44	-29.56	74	56.29	36.68	8.9	57.43	-	-	P	H
		4844	48.24	-25.76	74	65.67	32.58	7.27	57.28	368	92	P	V
		4844	43.49	-10.51	54	60.92	32.58	7.27	57.28	368	92	A	V
		4920	41.08	-32.92	74	58.1	32.82	7.32	57.16	-	-	P	V
		7266	47.08	-26.92	74	58.41	37.07	8.86	57.26	-	-	P	V
		7380	45.09	-28.91	74	56.94	36.68	8.9	57.43	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												

2.4GHz 2400~2483.5MHz

WLAN (2.4GHz) 802.11b_TX_CH08 + Bluetooth-LE_TX_Ch01 (Band Edge @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11b _TX_CH08 + Bluetooth-LE _TX_Ch01		2358.72	54.92	-19.08	74	41.06	27.33	14.32	27.79	109	228	P	H
		2359.7	44.93	-9.07	54	31.06	27.34	14.32	27.79	109	228	A	H
	*	2447	105.74	-	-	91.32	27.78	14.4	27.76	109	228	P	H
	*	2447	102.45	-	-	88.03	27.78	14.4	27.76	109	228	A	H
		2489.92	55.88	-18.12	74	41.3	27.88	14.44	27.74	109	228	P	H
		2489.99	46.86	-7.14	54	32.28	27.88	14.44	27.74	109	228	A	H
		2387.42	54.63	-19.37	74	40.62	27.45	14.34	27.78	375	263	P	V
		2383.92	43.73	-10.27	54	29.73	27.44	14.34	27.78	375	263	A	V
	*	2447	98.92	-	-	84.5	27.78	14.4	27.76	375	263	P	V
	*	2447	95.53	-	-	81.11	27.78	14.4	27.76	375	263	A	V
		2490.2	54.96	-19.04	74	40.38	27.88	14.44	27.74	375	263	P	V
		2489.85	44.5	-9.5	54	29.92	27.88	14.44	27.74	375	263	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

WLAN (2.4GHz) 802.11b_TX_CH08 + Bluetooth-LE_TX_Ch01 (Band Edge @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11b _TX_CH08 + Bluetooth-LE _TX_Ch01		2360.4	56.59	-17.41	74	42.72	27.34	14.32	27.79	307	61	P	H
		2359.56	47.92	-6.08	54	34.05	27.34	14.32	27.79	307	61	A	H
	*	2404	98.26	-	-	84.16	27.52	14.35	27.77	307	61	P	H
	*	2404	97.51	-	-	83.41	27.52	14.35	27.77	307	61	A	H
		2362.395	56.01	-17.99	74	42.13	27.35	14.32	27.79	391	296	P	V
		2360.82	47.98	-6.02	54	34.11	27.34	14.32	27.79	391	296	A	V
	*	2404	99.29	-	-	85.19	27.52	14.35	27.77	391	296	P	V
	*	2404	98.49	-	-	84.39	27.52	14.35	27.77	391	296	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

WLAN (2.4GHz) 802.11b_TX_CH08 + Bluetooth-LE_TX_Ch01 (IM3 @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11b _TX_CH08 + Bluetooth-LE _TX_Ch01		2361	59.4	-14.6	74	45.53	27.34	14.32	27.79	150	82	P	H
		2361	51.57	-2.43	54	37.7	27.34	14.32	27.79	150	82	A	H
		2361	58.03	-15.97	74	44.16	27.34	14.32	27.79	400	296	P	V
		2361	49.57	-4.43	54	35.7	27.34	14.32	27.79	400	296	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

WLAN (2.4GHz) 802.11b_TX_CH08 + Bluetooth-LE_TX_Ch01 (IM3 @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11b _TX_CH08 + Bluetooth-LE _TX_Ch01		2490	57.11	-16.89	74	42.53	27.88	14.44	27.74	100	230	P	H
		2490	48.3	-5.7	54	33.72	27.88	14.44	27.74	100	230	A	H
		2490	56.74	-17.26	74	42.16	27.88	14.44	27.74	400	312	P	V
		2490	46.83	-7.17	54	32.25	27.88	14.44	27.74	400	312	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

WLAN (2.4GHz) 802.11b_TX_CH08 + Bluetooth-LE_TX_Ch01 ((Harmonic @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11b _TX_CH08 + Bluetooth-LE _TX_Ch01		4808	40.29	-33.71	74	57.96	32.43	7.72	57.34	-	-	P	H
		4894	50.66	-23.34	74	67.87	32.69	7.77	57.2	102	258	P	H
		4894	48.48	-5.52	54	65.69	32.69	7.77	57.2	102	258	A	H
		7341	46.61	-27.39	74	58.25	36.84	9.45	57.37	-	-	P	H
		4808	40.19	-33.81	74	57.86	32.43	7.72	57.34	-	-	P	V
		4894	47.89	-26.11	74	65.1	32.69	7.77	57.2	356	102	P	V
		4894	43.47	-10.53	54	60.68	32.69	7.77	57.2	356	102	A	V
		7341	44.55	-29.45	74	56.19	36.84	9.45	57.37	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												

2.4GHz 2400~2483.5MHz

WLAN (2.4GHz) 802.11ax HE20_TX_CH11 + Bluetooth-LE_TX_Ch39 (Band Edge @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 _TX_CH11 + Bluetooth-LE _TX_Ch39	*	2462	107.79	-	-	93.3	27.82	14.42	27.75	109	225	P	H
	*	2462	97.29	-	-	82.8	27.82	14.42	27.75	109	225	A	H
		2483.76	58.58	-15.42	74	44.02	27.87	14.44	27.75	109	225	P	H
		2483.76	46.82	-7.18	54	32.26	27.87	14.44	27.75	109	225	A	H
	*	2462	98.81	-	-	84.32	27.82	14.42	27.75	327	261	P	V
	*	2462	89.32	-	-	74.83	27.82	14.42	27.75	327	261	A	V
		2487.36	55.62	-18.38	74	41.05	27.87	14.44	27.74	327	261	P	V
		2499.72	44.72	-9.28	54	30.11	27.9	14.45	27.74	327	261	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

WLAN (2.4GHz) 802.11ax HE20_TX_CH11 + Bluetooth-LE_TX_Ch39 (Band Edge @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 _TX_CH11 + Bluetooth-LE _TX_Ch39	*	2480	97.99	-	-	83.45	27.86	14.43	27.75	100	94	P	H
	*	2480	97.26	-	-	82.72	27.86	14.43	27.75	100	94	A	H
		2483.88	57.1	-16.9	74	42.54	27.87	14.44	27.75	100	94	P	H
		2497	45.94	-8.06	54	31.34	27.89	14.45	27.74	100	94	A	H
	*	2480	98.52	-	-	83.98	27.86	14.43	27.75	360	301	P	V
	*	2480	97.77	-	-	83.23	27.86	14.43	27.75	360	301	A	V
		2483.52	58.73	-15.27	74	44.17	27.87	14.44	27.75	360	301	P	V
		2497.52	45.95	-8.05	54	31.34	27.9	14.45	27.74	360	301	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

WLAN (2.4GHz) 802.11ax HE20_TX_CH11 + Bluetooth-LE_TX_Ch39 (IM3 @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 _TX_CH11 + Bluetooth-LE _TX_Ch39		2498	56.91	-17.09	74	42.3	27.9	14.45	27.74	400	312	P	H
		2498	48.04	-5.96	54	33.43	27.9	14.45	27.74	400	312	A	H
		2498	57.28	-16.72	74	42.67	27.9	14.45	27.74	350	299	P	V
		2498	47.82	-6.18	54	33.21	27.9	14.45	27.74	350	299	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

WLAN (2.4GHz) 802.11ax HE20_TX_CH11 + Bluetooth-LE_TX_Ch39 ((Harmonic @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 _TX_CH11 + Bluetooth-LE _TX_Ch39		4924	42.33	-31.67	74	59.33	32.84	7.32	57.16	-	-	P	H
		4960	42.14	-31.86	74	58.84	33.06	7.34	57.1	-	-	P	H
		7386	44.56	-29.44	74	56.44	36.66	8.9	57.44	-	-	P	H
		7440	44.87	-29.13	74	56.95	36.52	8.92	57.52	-	-	P	H
		4924	41.86	-32.14	74	58.86	32.84	7.32	57.16	-	-	P	V
		4960	41.28	-32.72	74	57.98	33.06	7.34	57.1	-	-	P	V
		7386	45.04	-28.96	74	56.92	36.66	8.9	57.44	-	-	P	V
		7440	44.15	-29.85	74	56.23	36.52	8.92	57.52	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												

5GHz 5150~5250MHz + 2.4GHz 2400~2483.5MHz

WLAN (5GHz) 802.11a _TX_CH36 + Bluetooth-LE_TX_Ch39 (Band Edge @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a _TX_CH36 + Bluetooth-LE _TX_Ch39		5140.66	59.51	-14.49	74	47.15	33.2	6.6	27.44	100	235	P	H
		5148.98	49.58	-4.42	54	37.2	33.2	6.62	27.44	100	235	A	H
	*	5180	112.34	-	-	99.91	33.2	6.67	27.44	100	235	P	H
	*	5180	105.18	-	-	92.75	33.2	6.67	27.44	100	235	A	H
		5128.18	57.42	-16.58	74	45.08	33.2	6.58	27.44	103	102	P	V
		5147.94	48.6	-5.4	54	36.22	33.2	6.62	27.44	103	102	A	V
	*	5180	111.19	-	-	98.76	33.2	6.67	27.44	103	102	P	V
	*	5180	104.31	-	-	91.88	33.2	6.67	27.44	103	102	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

WLAN (5GHz) 802.11a _TX_CH36 + Bluetooth-LE_TX_Ch39 (Band Edge @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a _TX_CH36 + Bluetooth-LE _TX_Ch39	*	2480	99.67	-	-	85.13	27.86	14.43	27.75	116	323	P	H
	*	2480	98.93	-	-	84.39	27.86	14.43	27.75	116	323	A	H
		2492.64	54.97	-19.03	74	40.37	27.89	14.45	27.74	116	323	P	H
		2489.6	45.02	-8.98	54	30.44	27.88	14.44	27.74	116	323	A	H
	*	2480	98.67	-	-	84.13	27.86	14.43	27.75	179	19	P	V
	*	2480	97.87	-	-	83.33	27.86	14.43	27.75	179	19	A	V
		2489.96	55.46	-18.54	74	40.88	27.88	14.44	27.74	179	19	P	V
		2486.16	44.99	-9.01	54	30.42	27.87	14.44	27.74	179	19	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

WLAN (5GHz) 802.11a _TX_CH36 + Bluetooth-LE_TX_Ch39 (Harmonic @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Margin Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a _TX_CH36 + Bluetooth-LE _TX_Ch39		4960	55.64	-18.36	74	43.25	33.06	6.79	27.46	350	168	P	H
		4960	45.63	-8.37	54	33.24	33.06	6.79	27.46	350	168	A	H
		7440	44.51	-29.49	74	56.26	36.52	9.25	57.52	-	-	P	H
		10360	48.48	-19.72	68.2	55.28	39.06	10.71	56.57	-	-	P	H
		15540	43.7	-30.3	74	49.42	38.24	12.57	56.53	-	-	P	H
		4960	54.35	-19.65	74	41.96	33.06	6.79	27.46	400	290	P	V
		4960	46.17	-7.83	54	33.78	33.06	6.79	27.46	400	290	A	V
		7440	43.99	-30.01	74	55.74	36.52	9.25	57.52	-	-	P	V
		10360	46.97	-21.23	68.2	53.77	39.06	10.71	56.57	-	-	P	V
		15540	43.82	-30.18	74	49.54	38.24	12.57	56.53	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												

6GHz 6875~7125MHz + 2.4GHz 2400~2483.5MHz

WLAN (6GHz) 802.11ax HE20_TX_CH233 + Bluetooth-LE_TX_Ch00 (Band Edge @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 _TX_CH233 + Bluetooth-LE _TX_Ch00	*	7115	102.96	-	-	86.53	36.53	8.09	28.19	100	139	P	H
	*	7115	93.94	-	-	77.51	36.53	8.09	28.19	100	139	A	H
		7125.02	75.56	-12.64	88.2	59.09	36.55	8.11	28.19	100	139	P	H
		7125.02	65.96	-2.24	68.2	49.49	36.55	8.11	28.19	100	139	A	H
	*	7115	99.76	-	-	83.33	36.53	8.09	28.19	400	201	P	V
	*	7115	92.28	-	-	75.85	36.53	8.09	28.19	400	201	A	V
		7125.02	73.81	-14.39	88.2	57.34	36.55	8.11	28.19	400	201	P	V
		7125.02	63.35	-4.85	68.2	46.88	36.55	8.11	28.19	400	201	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. Ch233 band edge are by use C63.10 12.7.4.4.3 Integration method to verify.												

WLAN (6GHz) 802.11ax HE20_TX_CH233 + Bluetooth-LE_TX_Ch00 (Band Edge @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 _TX_CH233 + Bluetooth-LE _TX_Ch00		2388.015	54.96	-19.04	74	40.95	27.45	14.34	27.78	108	318	P	H
		2382.03	44.4	-9.6	54	30.41	27.43	14.34	27.78	108	318	A	H
	*	2402	98.84	-	-	84.75	27.51	14.35	27.77	108	318	P	H
	*	2402	98.17	-	-	84.08	27.51	14.35	27.77	108	318	A	H
		2321.655	55.26	-18.74	74	41.47	27.3	14.29	27.8	157	10	P	V
		2386.545	44.44	-9.56	54	30.43	27.45	14.34	27.78	157	10	A	V
	*	2402	100.11	-	-	86.02	27.51	14.35	27.77	157	10	P	V
	*	2402	99.42	-	-	85.33	27.51	14.35	27.77	157	10	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

WLAN (6GHz) 802.11ax HE20_TX_CH233 + Bluetooth-LE_TX_Ch00 (Harmonic @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 _TX_CH233 + Bluetooth-LE _TX_Ch00		4804	52.17	-21.83	74	40.99	32.42	6.24	27.48	100	139	P	H
		4804	43.67	-10.33	54	32.49	32.42	6.24	27.48	100	139	A	H
		14230	46.41	-41.79	88.2	50.55	40.67	12.39	57.2	-	-	P	H
		21345	37.17	-36.83	74	57.45	37.79	-3.27	54.8	-	-	P	H
		4804	52.48	-21.52	74	41.3	32.42	6.24	27.48	400	201	P	V
		4804	43.51	-10.49	54	32.33	32.42	6.24	27.48	400	201	A	V
		14230	45.85	-42.35	88.2	49.99	40.67	12.39	57.2	-	-	P	V
		21345	36.17	-37.83	74	56.45	37.79	-3.27	54.8	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

5GHz 5150~5250MHz + 2.4GHz 2400~2483.5MHz

WLAN (5GHz) 802.11a_TX_CH36 + WLAN (2.4GHz) 802.11b_TX_CH11 (Band Edge @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a _TX_CH36 + 802.11b _TX_CH1		5133.9	57.25	-16.75	74	44.43	33.2	7.06	27.44	100	245	P	H
		5150	48.03	-5.97	54	35.18	33.2	7.09	27.44	100	245	A	H
	*	5180	110.74	42.54	-	-	33.2	7.14	27.44	100	245	P	H
	*	5180	103.59	49.59	-	-	33.2	7.14	27.44	100	245	A	H
		5139.1	56.01	-17.99	74	43.18	33.2	7.07	27.44	362	269	P	V
		5149.5	46.38	-7.62	54	33.53	33.2	7.09	27.44	362	269	A	V
	*	5180	106.21	38.01	-	-	33.2	7.14	27.44	362	269	P	V
	*	5180	99.32	45.32	-	-	33.2	7.14	27.44	362	269	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

WLAN (5GHz) 802.11a_TX_CH36 + WLAN (2.4GHz) 802.11b_TX_CH11 (Band Edge @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a _TX_CH36 + 802.11b _TX_CH1		2388.288	56.03	-17.97	74	42.02	27.45	14.34	27.78	143	214	P	H
		2385.6	46.85	-7.15	54	32.85	27.44	14.34	27.78	143	214	A	H
	*	2412	108.02	-	-	93.86	27.57	14.36	27.77	143	214	P	H
	*	2412	104.77	-	-	90.61	27.57	14.36	27.77	143	214	A	H
		2355.136	55.63	-18.37	74	41.79	27.32	14.31	27.79	302	249	P	V
		2386.832	44.48	-9.52	54	30.47	27.45	14.34	27.78	302	249	A	V
	*	2412	99.26	-	-	85.1	27.57	14.36	27.77	302	249	P	V
	*	2412	96.04	-	-	81.88	27.57	14.36	27.77	302	249	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

WLAN (5GHz) 802.11a_TX_CH36 + WLAN (2.4GHz) 802.11b_TX_CH11 (Harmonic @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a _TX_CH36 + 802.11b _TX_CH1		4824	53.87	-20.13	74	42.12	32.5	6.73	27.48	100	245	P	H
		4824	47.6	-6.4	54	35.85	32.5	6.73	27.48	100	245	A	H
		10360	47.14	-21.06	68.2	53.94	39.06	10.71	56.57	-	-	P	H
		15540	43.56	-30.44	74	49.28	38.24	12.57	56.53	-	-	P	H
		4824	53.78	-20.22	74	42.03	32.5	6.73	27.48	376	34	P	V
		4824	45.49	-8.51	54	33.74	32.5	6.73	27.48	376	34	A	V
		10360	46.34	-21.86	68.2	53.14	39.06	10.71	56.57	-	-	P	V
		15540	44.31	-29.69	74	50.03	38.24	12.57	56.53	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												

6GHz 5925~6425MHz + 5GHz 5150~5250MHz

WLAN (6GHz) 802.11a_TX_CH01 + WLAN (5GHz) 802.11a_TX_CH36 (Band Edge @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a _TX_CH01 + 802.11a _TX_CH36		5909.56	55.74	-32.46	88.2	41.79	34.5	6.96	27.51	101	296	P	H
		5922.72	45.64	-22.56	68.2	31.69	34.5	6.96	27.51	101	296	A	H
	*	5955	104.63	-	-	90.7	34.48	6.97	27.52	101	296	P	H
	*	5955	96.49	-	-	82.56	34.48	6.97	27.52	101	296	A	H
		5826.26	55.2	-33	88.2	41.5	34.25	6.93	27.48	300	95	P	V
		5924.96	45.64	-22.56	68.2	31.69	34.5	6.96	27.51	300	95	A	V
	*	5955	104.33	-	-	90.4	34.48	6.97	27.52	300	95	P	V
	*	5955	96.58	-	-	82.65	34.48	6.97	27.52	300	95	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

WLAN (6GHz) 802.11a_TX_CH01 + WLAN (5GHz) 802.11a_TX_CH36 (Band Edge @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a _TX_CH01 + 802.11a _TX_CH36		5149.5	57.63	-16.37	74	45.25	33.2	6.62	27.44	109	143	P	H
		5149.24	48.87	-5.13	54	36.49	33.2	6.62	27.44	109	143	A	H
	*	5180	109.48	-	-	97.05	33.2	6.67	27.44	109	143	P	H
	*	5180	102.11	-	-	89.68	33.2	6.67	27.44	109	143	A	H
		5139.62	55.13	-18.87	74	42.77	33.2	6.6	27.44	362	272	P	V
		5150.02	46.55	-7.45	54	46.55	-7.45	54	46.55	-7.45	54	A	V
	*	5180	106.33	-	-	93.9	33.2	6.67	27.44	362	272	P	V
	*	5180	99.1	-	-	86.67	33.2	6.67	27.44	362	272	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

WLAN (6GHz) 802.11a_TX_CH01 + WLAN (5GHz) 802.11a_TX_CH36 (IM3 @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a _TX_CH01 + 802.11a _TX_CH36		4405	51.22	-16.98	68.2	42.05	30.62	6.03	27.48	100	136	P	H
		4405	50.48	-17.72	68.2	41.31	30.62	6.03	27.48	400	84	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

WLAN (6GHz) 802.11a_TX_CH01 + WLAN (5GHz) 802.11a_TX_CH36 (IM3 @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a _TX_CH01 + 802.11a _TX_CH36		6730	60.58	-7.62	68.2	46.31	34.8	7.4	27.93	100	278	P	H
		6730	58.8	-9.4	68.2	44.53	34.8	7.4	27.93	400	92	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

WLAN (6GHz) 802.11a_TX_CH01 + WLAN (5GHz) 802.11a_TX_CH36 (Harmonic @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a _TX_CH01 + 802.11a _TX_CH36		10360	54.43	-13.77	68.2	61.23	39.06	10.71	56.57	100	286	P	H
		11910	43.91	-30.09	74	50.34	38.63	11.01	56.07	-	-	P	H
		15540	45.06	-28.94	74	50.78	38.24	12.57	56.53	-	-	P	H
		17865	50.53	-23.47	74	52.18	41.15	14.24	57.04	300	357	P	H
		17865	40.03	-13.97	54	41.68	41.15	14.24	57.04	300	357	A	H
		10360	55.44	-12.76	68.2	62.24	39.06	10.71	56.57	396	13	P	V
		11910	44.75	-29.25	74	51.18	38.63	11.01	56.07	-	-	P	V
		15540	49.09	-24.91	74	54.81	38.24	12.57	56.53	100	33	P	V
		15540	38.27	-15.73	54	43.99	38.24	12.57	56.53	100	33	A	V
		17865	49.52	-24.48	74	51.17	41.15	14.24	57.04	250	234	P	V
		17865	40.08	-13.92	54	41.73	41.15	14.24	57.04	250	234	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												

6GHz 5925~6425MHz + 2.4GHz 2400~2483.5MHz

Emission below 1GHz

WLAN (6GHz) 802.11ax HE20_TX_CH233 + Bluetooth-LE_TX_Ch00 (LF)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 _TX_CH233 + Bluetooth-LE _TX_Ch00		30	25.24	-14.76	40	31.85	24.56	0.99	32.16	-	-	P	H
		136.7	34.15	-9.35	43.5	47.17	17.66	1.42	32.1	-	-	P	H
		240.49	29.73	-16.27	46	42.69	17.4	1.7	32.06	-	-	P	H
		551.86	29.99	-16.01	46	34.38	25.34	2.37	32.1	-	-	P	H
		718.7	34.27	-11.73	46	36.59	27.11	2.64	32.07	-	-	P	H
		894.27	33.62	-12.38	46	33.17	29.01	2.85	31.41	-	-	P	H
		32.91	30.77	-9.23	40	38.71	23.24	0.99	32.17	-	-	P	V
		136.7	27.73	-15.77	43.5	40.75	17.66	1.42	32.1	-	-	P	V
		239.52	27.56	-18.44	46	40.65	17.28	1.69	32.06	-	-	P	V
		551.86	27.63	-18.37	46	32.02	25.34	2.37	32.1	-	-	P	V
		671.17	33.36	-12.64	46	36.47	26.38	2.55	32.04	-	-	P	V
		915.61	31.47	-14.53	46	30.49	29.36	2.87	31.25	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found and emission level has at least 6dB margin against limit or emission is noise floor only.												

Note symbol

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

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

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

1. Path Loss(dB) = Cable loss(dB) + Filter loss(dB) + Attenuator loss(dB)
2. Level(dBμV/m) =

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

3. Margin (dB) = Level(dBμV/m) – Limit Line(dBμV/m)

For Peak Limit @ 2390MHz:

1. Level(dBμV/m)

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

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

= 55.45 (dBμV/m)

2. Margin (dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 55.45(dBμV/m) – 74(dBμV/m)

= -18.55(dB)

For Average Limit @ 2390MHz:

1. Level(dBμV/m)

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

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

= 43.54 (dBμV/m)

2. Margin (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

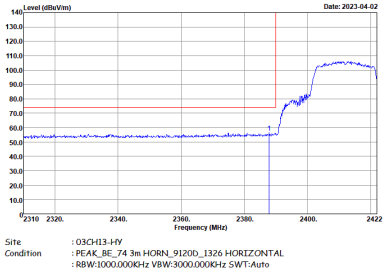
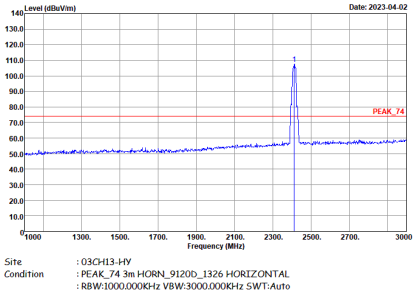
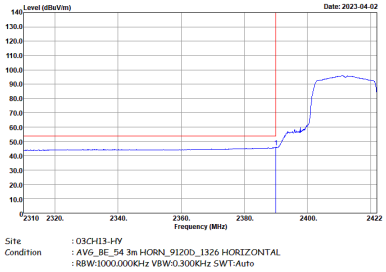
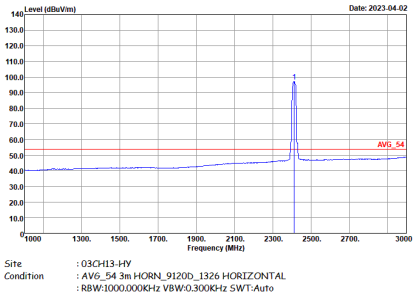
Test Engineer :	Rain Lee, Jacky Hung and Mancy Chou	**Temperature :**	20~26°C
		Relative Humidity :	40~65%

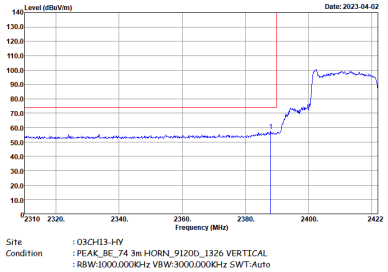
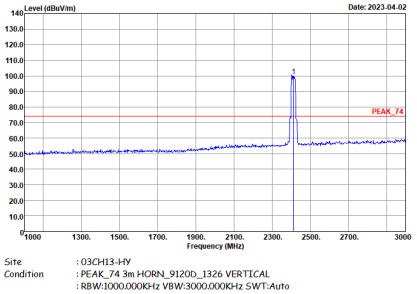
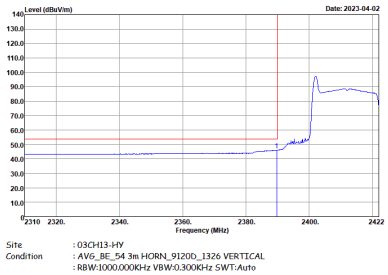
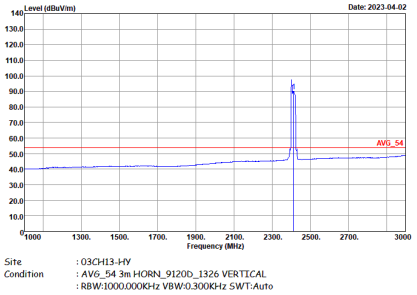
Note symbol

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

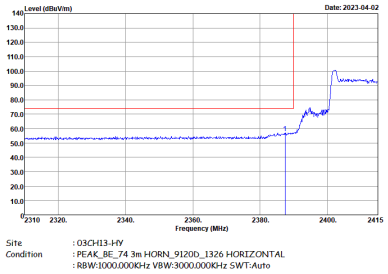
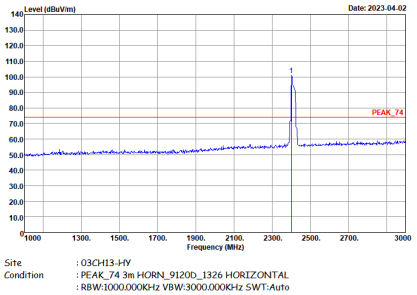
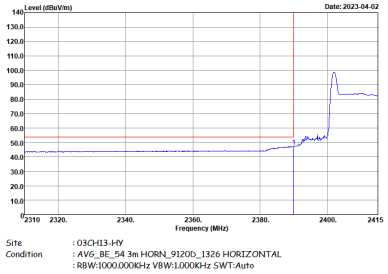
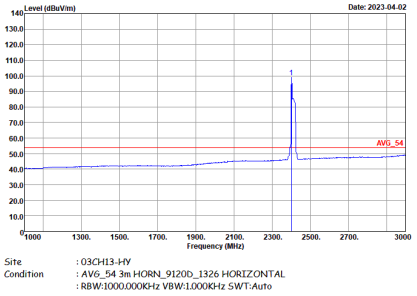
2.4GHz 2400~2483.5MHz

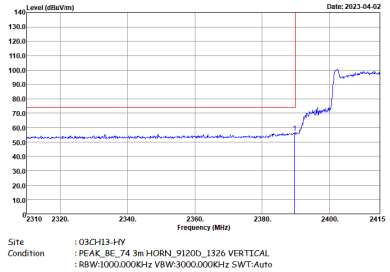
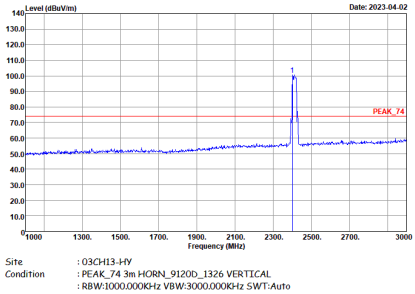
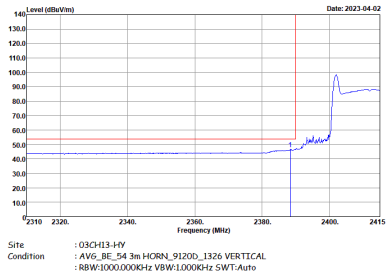
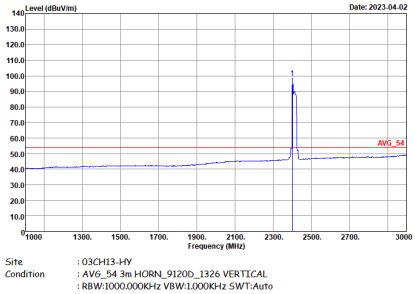
WLAN (2.4GHz) 802.11ax HE20_TX_CH01 + Bluetooth-LE_TX_Ch00 (Band Edge @ 3m)

ANT	Mode 1:Ant 1 11ax HE20 Ch01 + Ant 0 BLE(1M) Ch00	
Simultaneously	Horizontal	Fundamental
Peak		
Avg.		

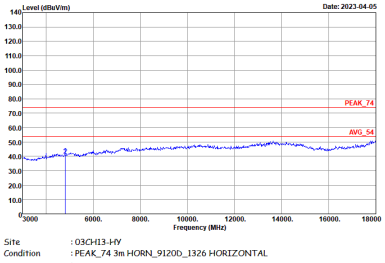
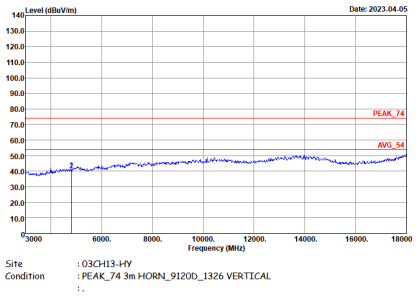
ANT	Mode 1:Ant 1 11ax HE20 Ch01 + Ant 0 BLE(1M) Ch00	
Simultaneously	**Vertical**	**Fundamental**
Peak		
Avg.		

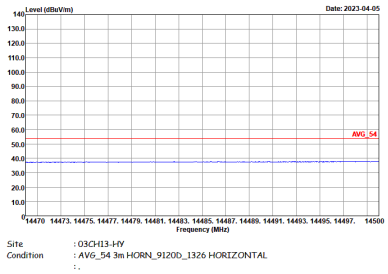
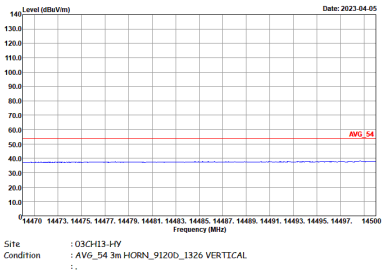
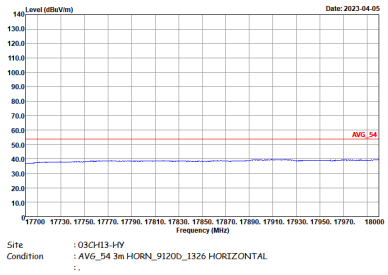
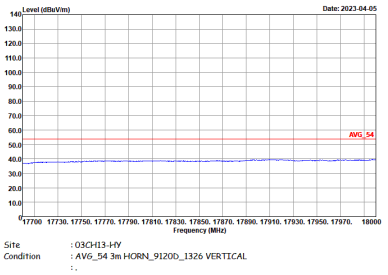
WLAN (2.4GHz) 802.11ax HE20_TX_CH01 + Bluetooth-LE_TX_Ch00 (Band Edge @ 3m)

ANT	Mode 1:Ant 1 11ax HE20 Ch01 + Ant 0 BLE(1M) Ch00	
Simultaneously	Horizontal	Fundamental
Peak		
Avg.		

ANT	Mode 1:Ant 1 11ax HE20 Ch01 + Ant 0 BLE(1M) Ch00	
Simultaneously	Vertical	Fundamental
Peak		
Avg.		

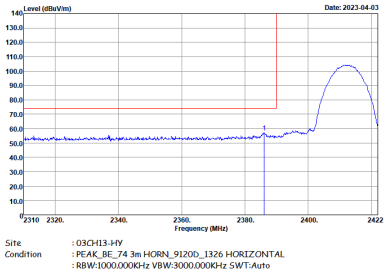
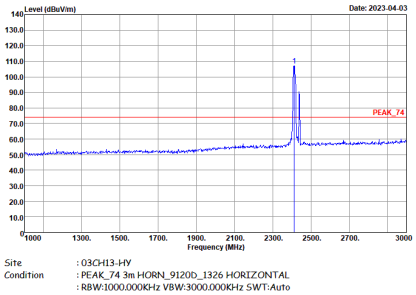
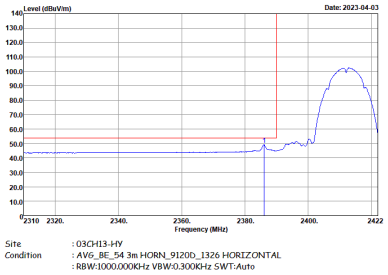
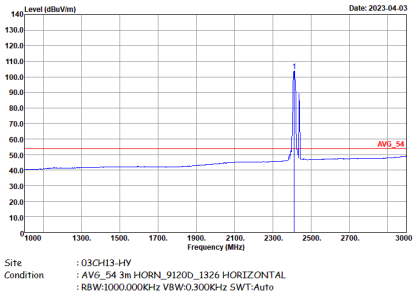
WLAN (2.4GHz) 802.11ax HE20_TX_CH01 + Bluetooth-LE_TX_Ch00 (Harmonic @ 3m)

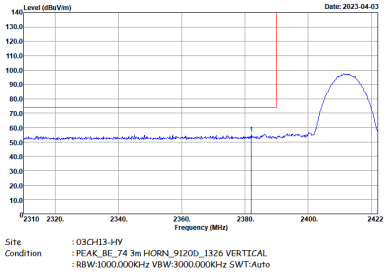
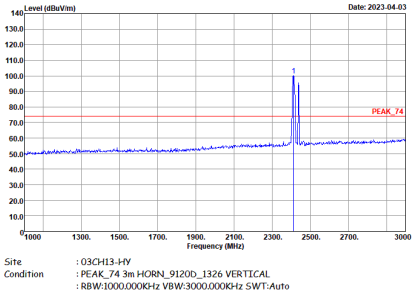
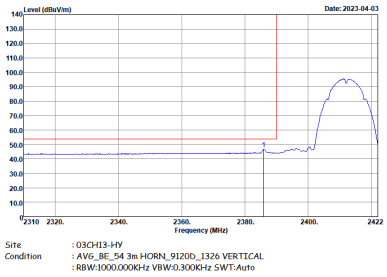
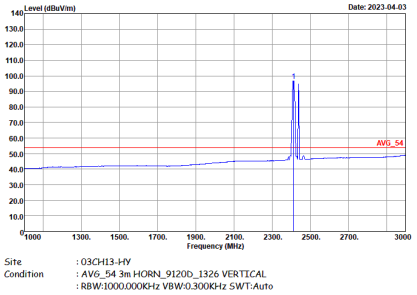
ANT	Mode 1:Ant 1 11ax HE20 Ch01 + Ant 0 BLE(1M) Ch00	
Simultaneously	Horizontal	Vertical
Peak Avg.		

ANT	Mode 1:Ant 1 11ax HE20 Ch01 + Ant 0 BLE(1M) Ch00	
Simultaneously	Horizontal	Vertical
14.47G ~14.5G Avg.		
17.7G ~18G Avg		

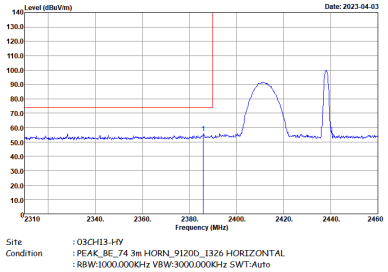
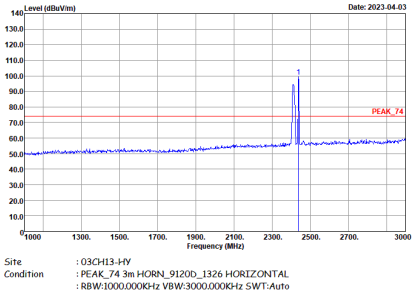
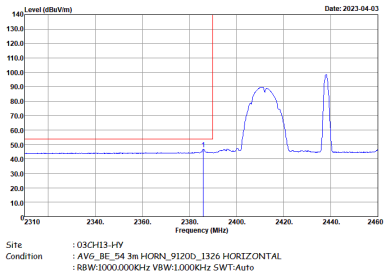
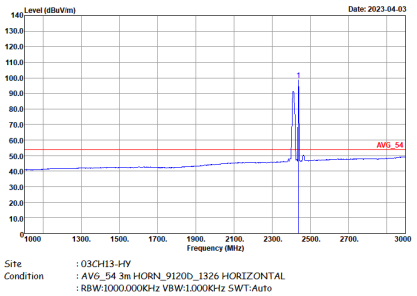
2.4GHz 2400~2483.5MHz

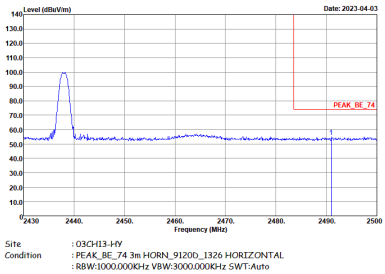
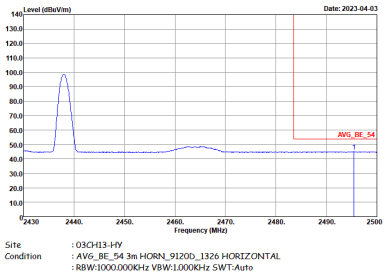
WLAN (2.4GHz) 802.11b_TX_CH01 + Bluetooth-LE_TX_Ch18 (Band Edge @ 3m)

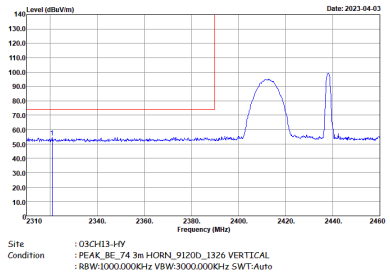
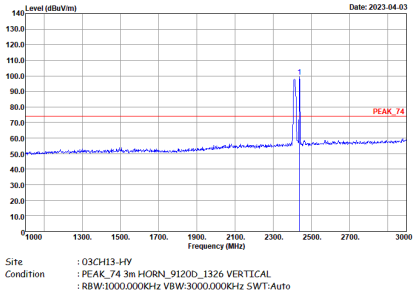
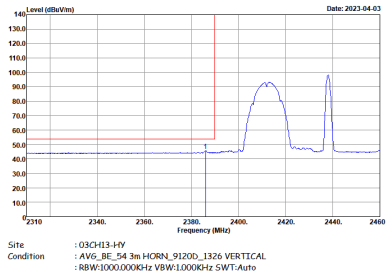
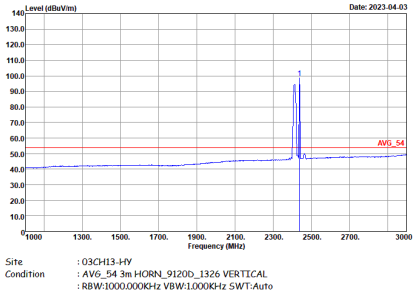
ANT	Mode 2: Ant 1 11b Ch01 + Ant 0 BLE(1M) Ch18	
Simultaneously	Horizontal	Fundamental
Peak		
Avg.		

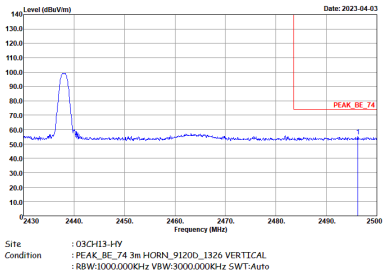
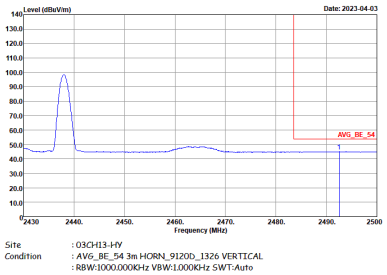
ANT	Mode 2: Ant 1 11b Ch01 + Ant 0 BLE(1M) Ch18	
Simultaneously	Vertical	Fundamental
Peak		
Avg.		

WLAN (2.4GHz) 802.11b_TX_CH01 + Bluetooth-LE_TX_Ch18 (Band Edge @ 3m)

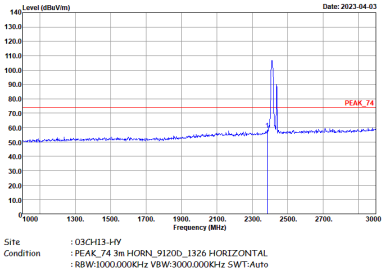
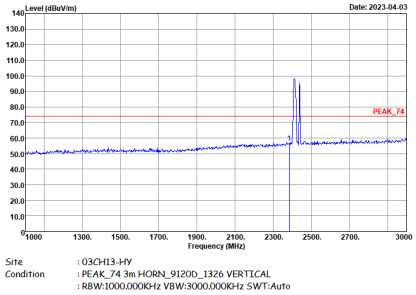
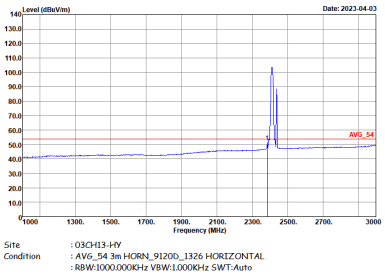
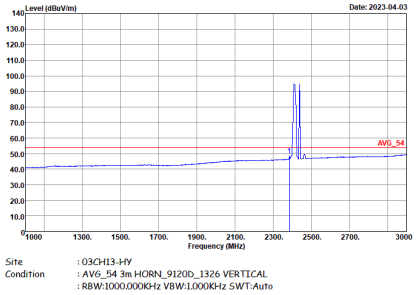
ANT	Mode 2: Ant 1 11b Ch01 + Ant 0 BLE(1M) Ch18 - L	
Simultaneously	Horizontal	Fundamental
Peak		
Avg.		

ANT	Mode 2: Ant 1 11b Ch01 + Ant 0 BLE(1M) Ch18- R	
Simultaneously	**Horizontal**	**Fundamental**
Peak		Left Blank
Avg.		Left Blank

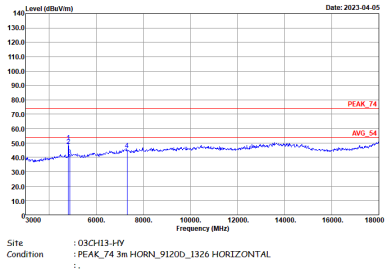
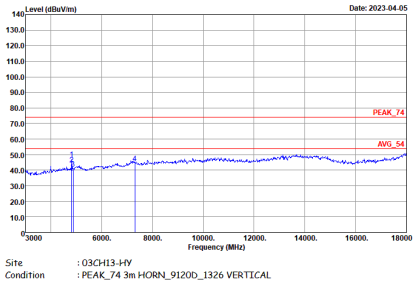
ANT	Mode 2: Ant 1 11b Ch01 + Ant 0 BLE(1M) Ch18 - L	
Simultaneously	Vertical	Fundamental
Peak		
Avg.		

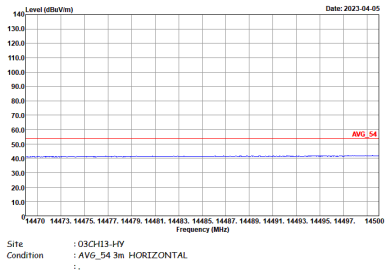
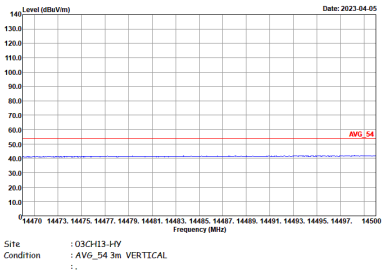
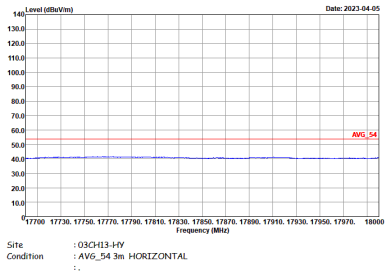
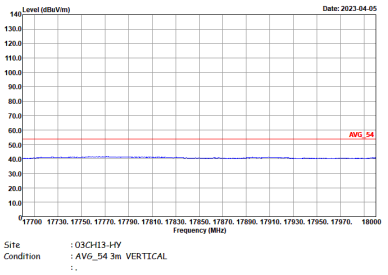
ANT	Mode 2: Ant 1 11b Ch01 + Ant 0 BLE(1M) Ch18 - R	
Simultaneously	**Vertical**	**Fundamental**
Peak		Left Blank
Avg.		Left Blank

WLAN (2.4GHz) 802.11b_TX_CH01 + Bluetooth-LE_TX_Ch18 (IM3 @ 3m)

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

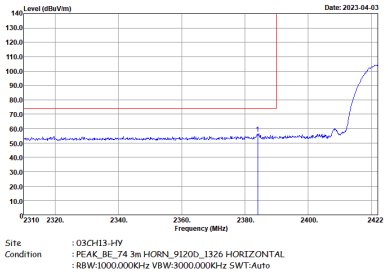
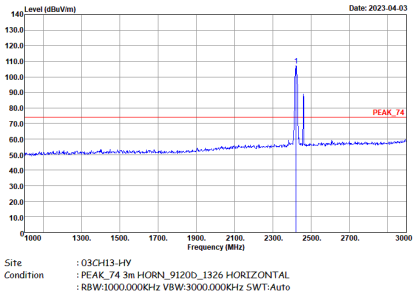
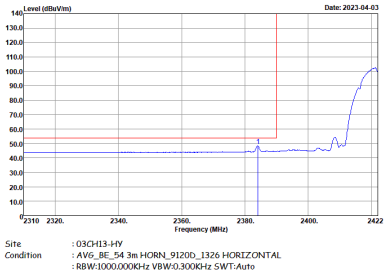
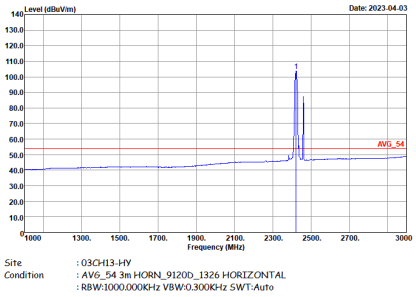
WLAN (2.4GHz) 802.11b_TX_CH01 + Bluetooth-LE_TX_Ch18 (Harmonic @ 3m)

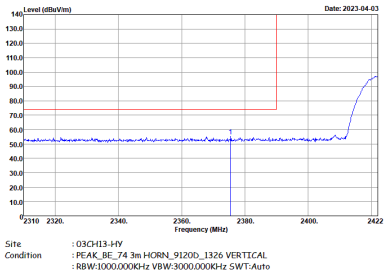
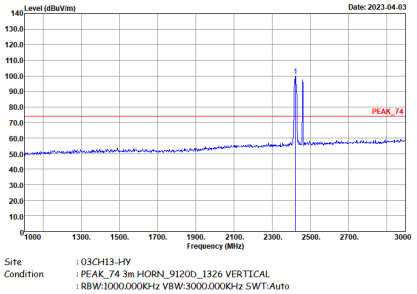
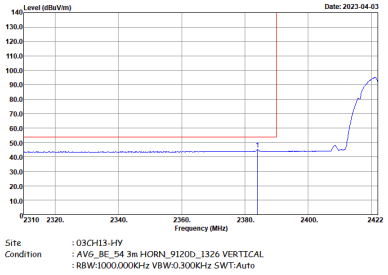
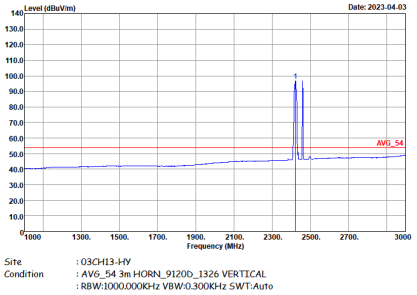
ANT	Mode 2: Ant 1 11b Ch01 + Ant 0 BLE(1M) Ch18	
Simultaneously	Horizontal	Vertical
Peak Avg.		

ANT	Mode 2: Ant 1 11b Ch01 + Ant 0 BLE(1M) Ch18	
Simultaneously	Horizontal	Vertical
14.47G ~14.5G Avg.		
17.7G ~18G Avg		

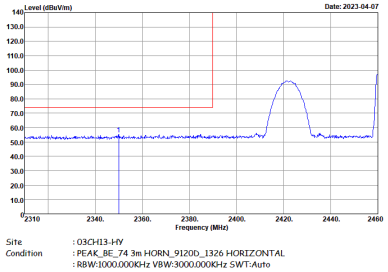
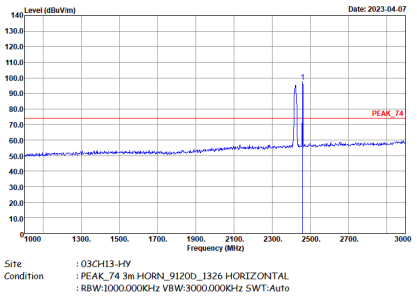
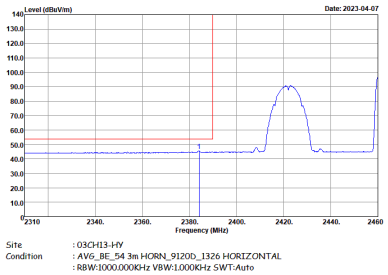
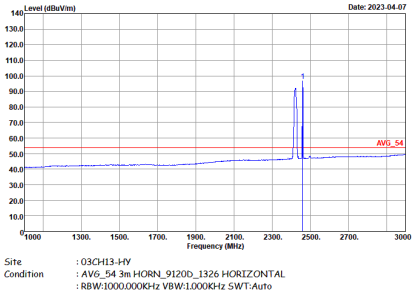
2.4GHz 2400~2483.5MHz

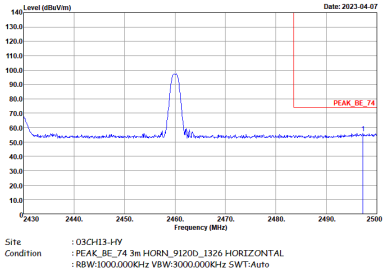
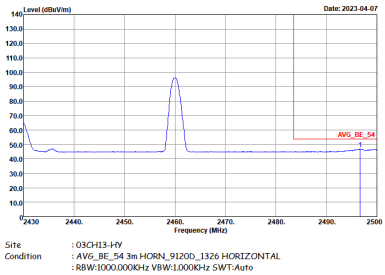
WLAN (2.4GHz) 802.11b_TX_CH03 + Bluetooth-LE_TX_Ch29 (Band Edge @ 3m)

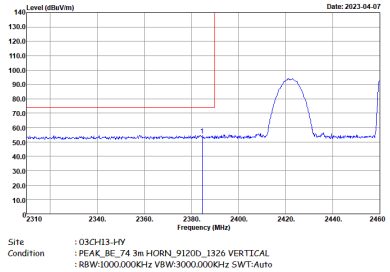
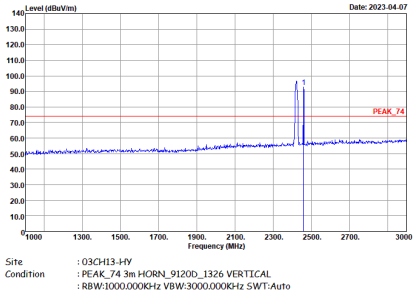
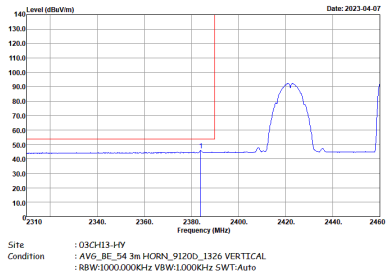
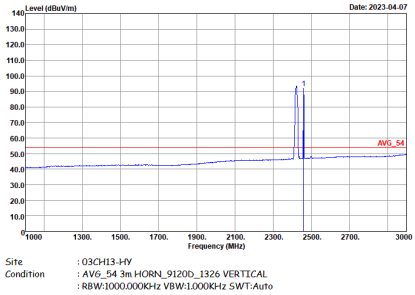
ANT	Mode 3: Ant 1 11b Ch03 + Ant 0 BLE(1M) Ch29	
Simultaneously	Horizontal	Fundamental
Peak		
Avg.		

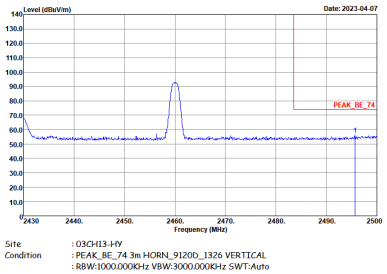
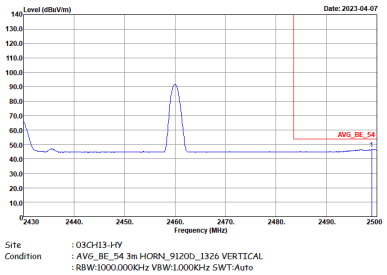
ANT	Mode 3: Ant 1 11b Ch03 + Ant 0 BLE(1M) Ch29	
Simultaneously	Vertical	Fundamental
Peak		
Avg.		

WLAN (2.4GHz) 802.11b_TX_CH03 + Bluetooth-LE_TX_Ch29 (Band Edge @ 3m)

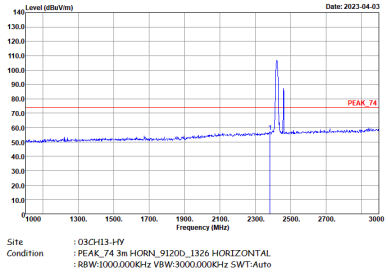
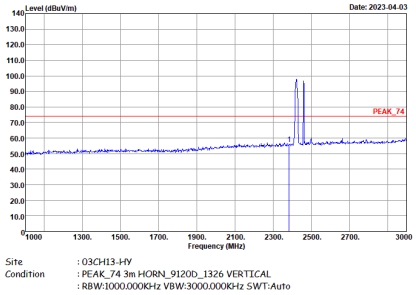
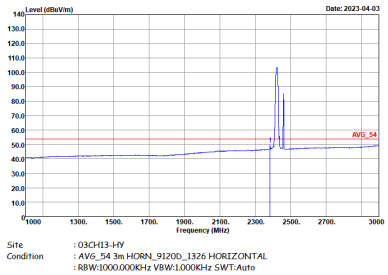
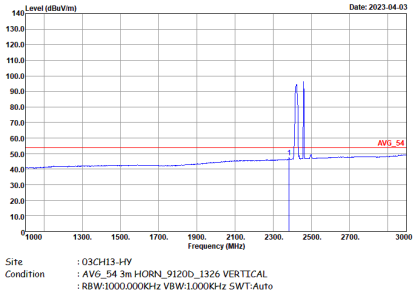
ANT	Mode 3: Ant 1 11b Ch03 + Ant 0 BLE(1M) Ch29 - L	
Simultaneously	Horizontal	Fundamental
Peak		
Avg.		

ANT	Mode 3: Ant 1 11b Ch03 + Ant 0 BLE(1M) Ch29- R	
Simultaneously	**Horizontal**	**Fundamental**
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1326 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left Blank
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1326 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	Left Blank

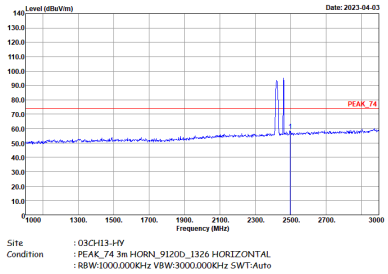
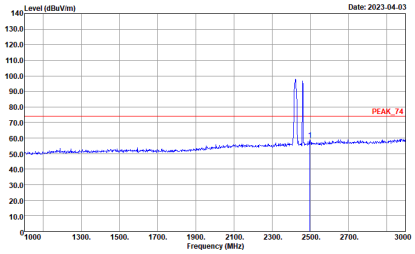
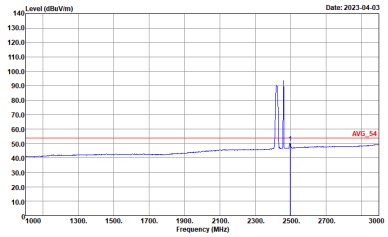
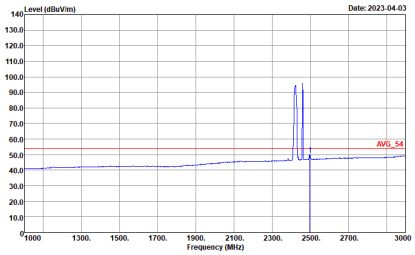
ANT	Mode 3: Ant 1 11b Ch03 + Ant 0 BLE(1M) Ch29 - L	
Simultaneously	Vertical	Fundamental
Peak		
Avg.		

ANT	Mode 3: Ant 1 11b Ch03 + Ant 0 BLE(1M) Ch29 - R	
Simultaneously	**Vertical**	**Fundamental**
Peak		Left Blank
Avg.		Left Blank

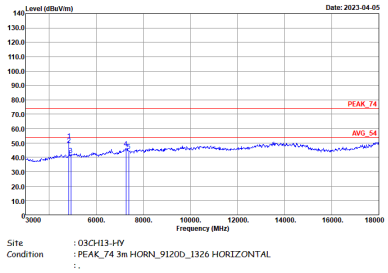
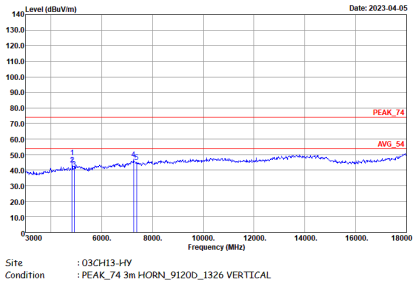
WLAN (2.4GHz) 802.11b_TX_CH03 + Bluetooth-LE_TX_Ch29 (IM3 @ 3m)

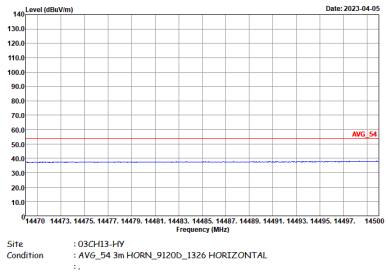
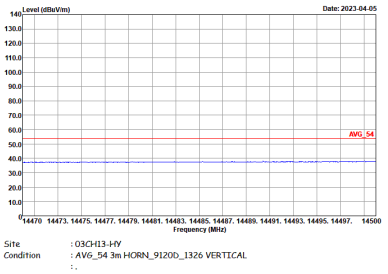
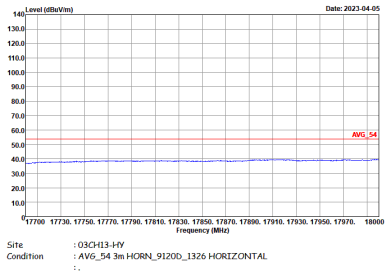
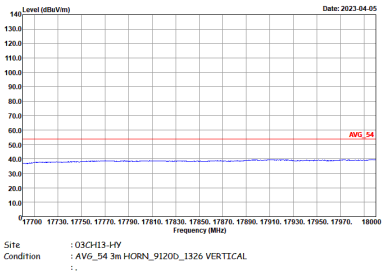
ANT	Mode 3: Ant 1 11b Ch03 + Ant 0 BLE(1M) Ch29	
Simultaneously	Horizontal	Vertical
Peak		
Avg.		

WLAN (2.4GHz) 802.11b_TX_CH03 + Bluetooth-LE_TX_Ch29 (IM3 @ 3m)

ANT	Mode 3: Ant 1 11b Ch03 + Ant 0 BLE(1M) Ch29	
Simultaneously	Horizontal	Vertical
Peak	 Site : 03CH13-HY Condition : PEAK_74 3m HORN_9120D_1326 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH13-HY Condition : PEAK_74 3m HORN_9120D_1326 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH13-HY Condition : AVG_54 3m HORN_9120D_1326 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	 Site : 03CH13-HY Condition : AVG_54 3m HORN_9120D_1326 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto

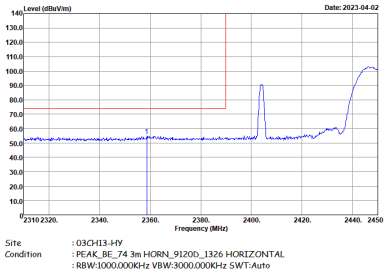
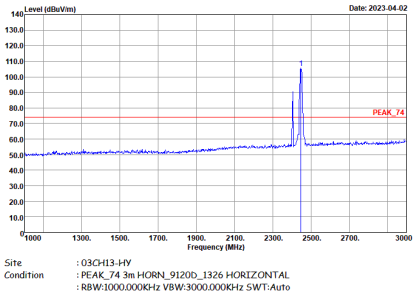
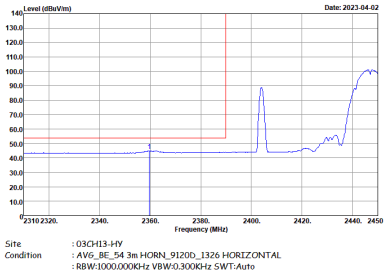
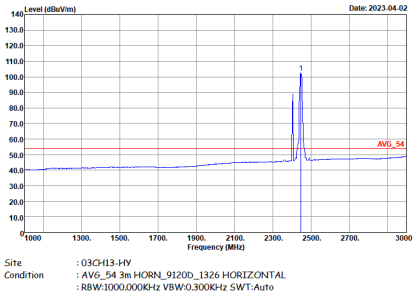
WLAN (2.4GHz) 802.11b_TX_CH03 + Bluetooth-LE_TX_Ch29 (Harmonic @ 3m)

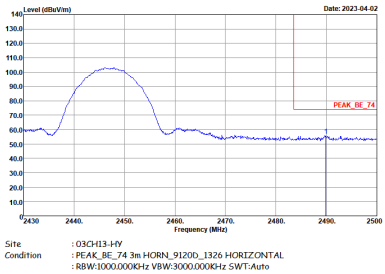
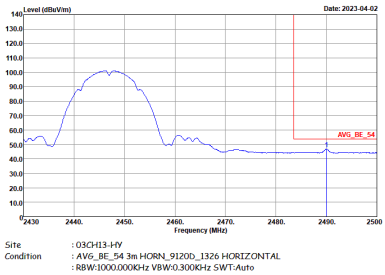
ANT	Mode 3: Ant 1 11b Ch03 + Ant 0 BLE(1M) Ch29	
Simultaneously	Horizontal	Vertical
Peak Avg.		

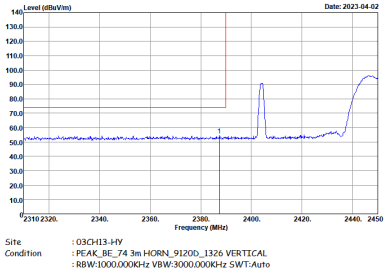
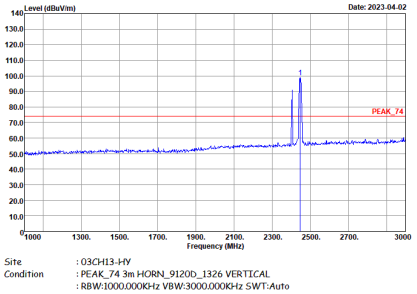
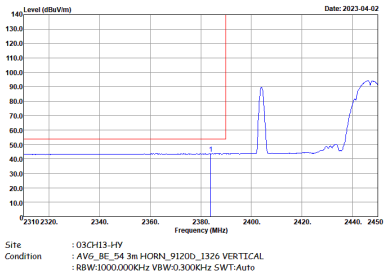
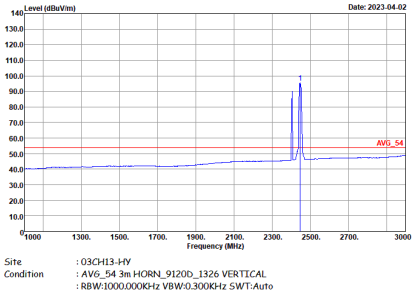
ANT	Mode 3: Ant 1 11b Ch03 + Ant 0 BLE(1M) Ch29	
Simultaneously	Horizontal	Vertical
14.47G ~14.5G Avg.		
17.7G ~18G Avg		

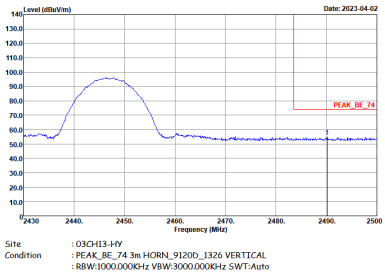
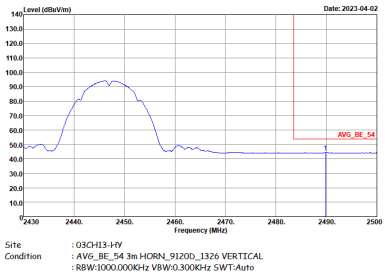
2.4GHz 2400~2483.5MHz

WLAN (2.4GHz) 802.11b_TX_CH08 + Bluetooth-LE_TX_Ch01 (Band Edge @ 3m)

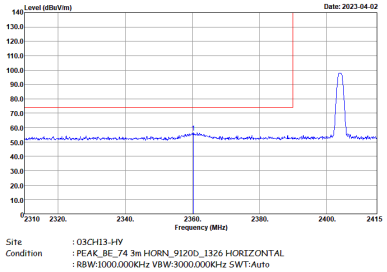
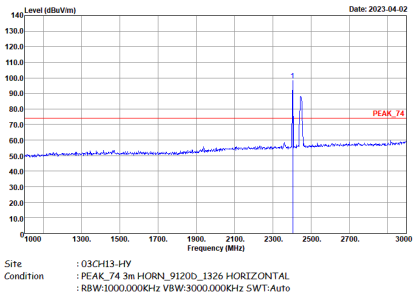
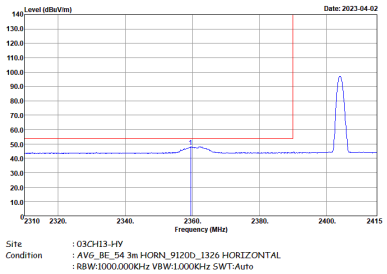
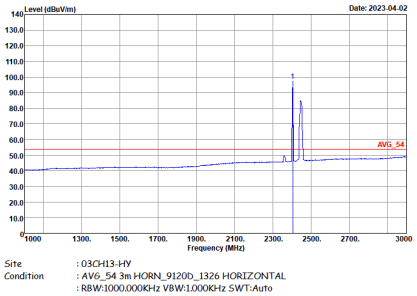
ANT	Mode 4: Ant 1 11b Ch08 + Ant 0 BLE(1M) Ch01 - L	
Simultaneously	Horizontal	Fundamental
Peak		
Avg.		

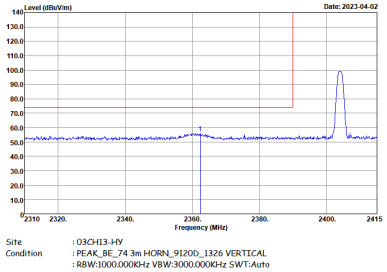
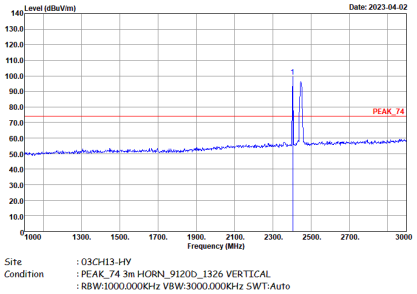
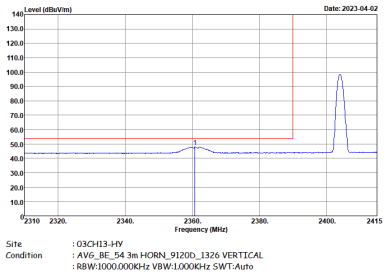
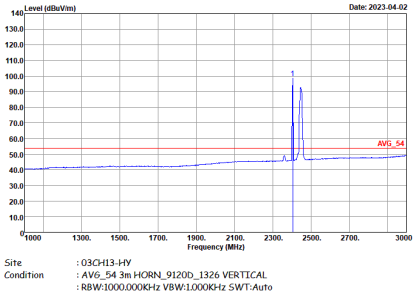
ANT	Mode 4: Ant 1 11b Ch08 + Ant 0 BLE(1M) Ch01 - R	
Simultaneously	**Horizontal**	**Fundamental**
Peak		Left Blank
Avg.		Left Blank

ANT	Mode 4: Ant 1 11b Ch08 + Ant 0 BLE(1M) Ch01- L	
Simultaneously	**Vertical**	**Fundamental**
Peak		
Avg.		

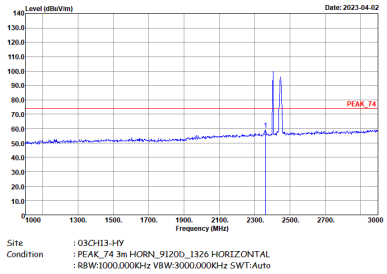
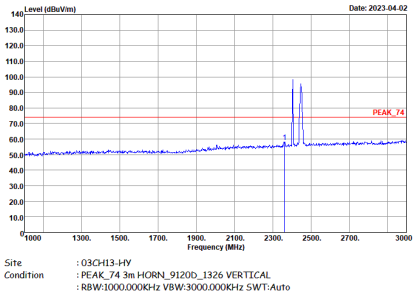
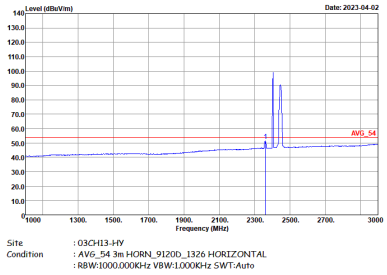
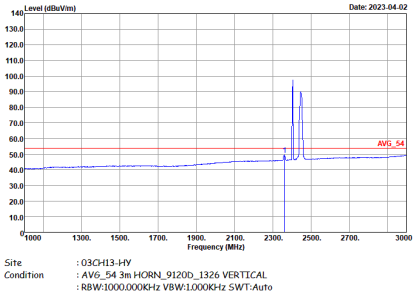
ANT	Mode 4: Ant 1 11b Ch08 + Ant 0 BLE(1M) Ch01 - R	
Simultaneously	**Vertical**	**Fundamental**
Peak		Left Blank
Avg.		Left Blank

WLAN (2.4GHz) 802.11b_TX_CH08 + Bluetooth-LE_TX_Ch01 (Band Edge @ 3m)

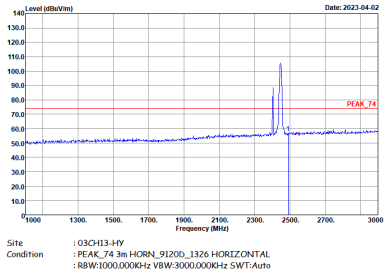
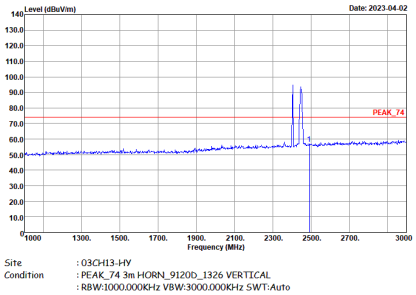
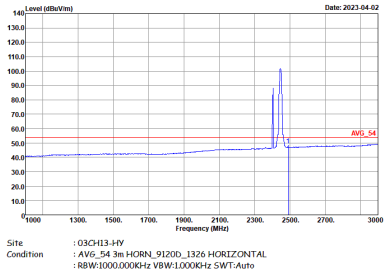
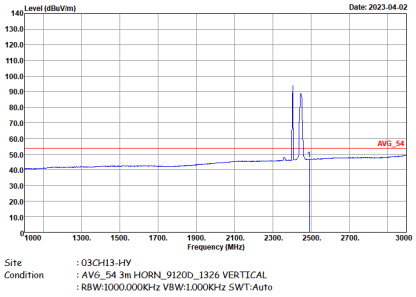
ANT	Mode 4: Ant 1 11b Ch08 + Ant 0 BLE(1M) Ch01	
Simultaneously	Horizontal	Fundamental
Peak		
Avg.		

ANT	Mode 4: Ant 1 11b Ch08 + Ant 0 BLE(1M) Ch01	
Simultaneously	Vertical	Fundamental
Peak		
Avg.		

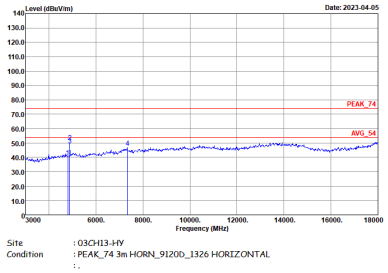
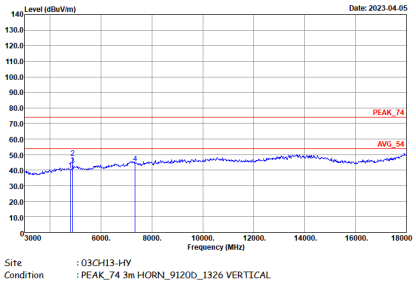
WLAN (2.4GHz) 802.11b_TX_CH08 + Bluetooth-LE_TX_Ch01 (IM3 @ 3m)

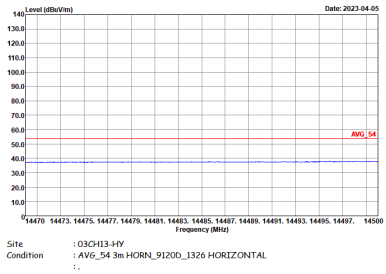
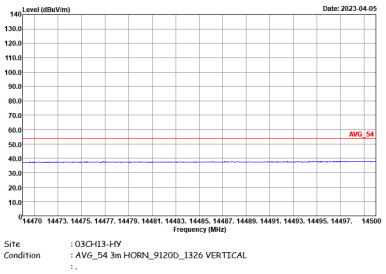
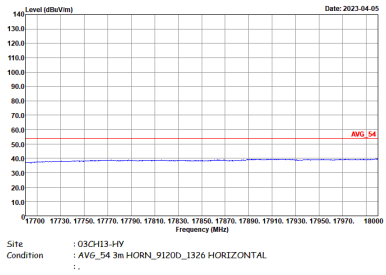
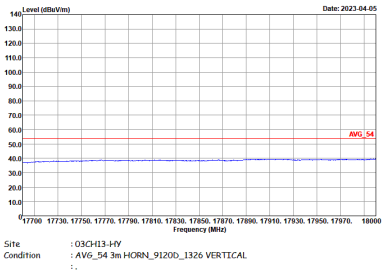
ANT	Mode 4: Ant 1 11b Ch08 + Ant 0 BLE(1M) Ch01	
Simultaneously	Horizontal	Vertical
Peak		
Avg.		

WLAN (2.4GHz) 802.11b_TX_CH08 + Bluetooth-LE_TX_Ch01 (IM3 @ 3m)

ANT	Mode 4: Ant 1 11b Ch08 + Ant 0 BLE(1M) Ch01	
Simultaneously	Horizontal	Vertical
Peak		
Avg.		

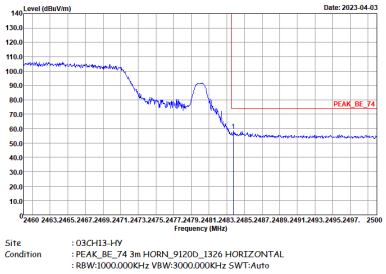
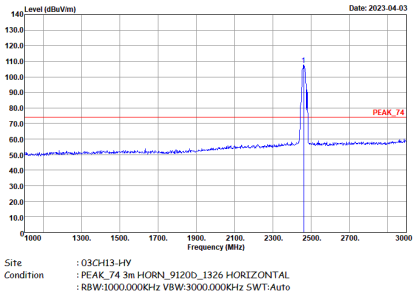
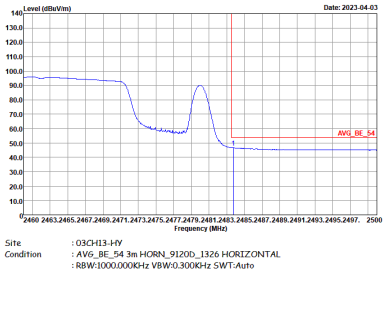
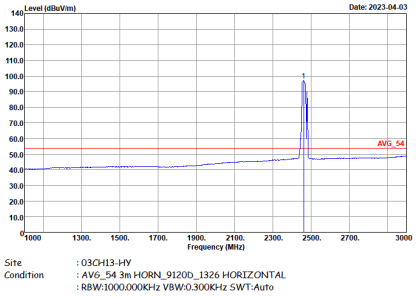
WLAN (2.4GHz) 802.11b_TX_CH08 + Bluetooth-LE_TX_Ch01 (Harmonic @ 3m)

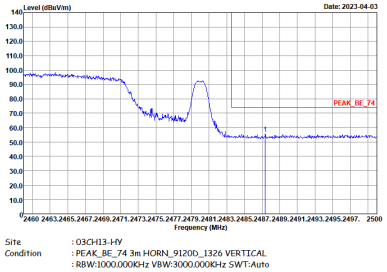
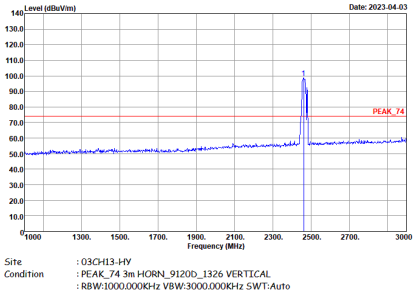
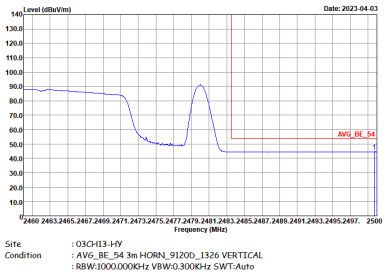
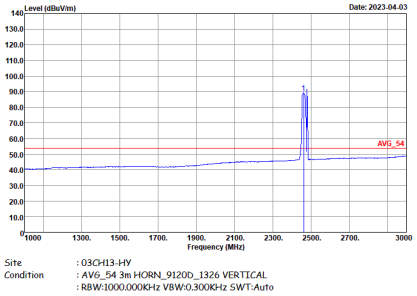
ANT	Mode 4: Ant 1 11b Ch08 + Ant 0 BLE(1M) Ch01	
Simultaneously	Horizontal	Vertical
Peak Avg.		

ANT	Mode 4: Ant 1 11b Ch08 + Ant 0 BLE(1M) Ch01	
Simultaneously	Horizontal	Vertical
14.47G ~14.5G Avg.		
17.7G ~18G Avg		

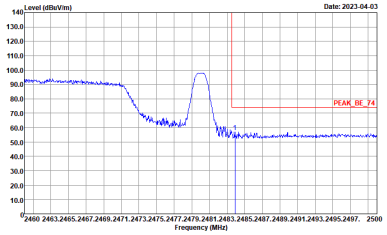
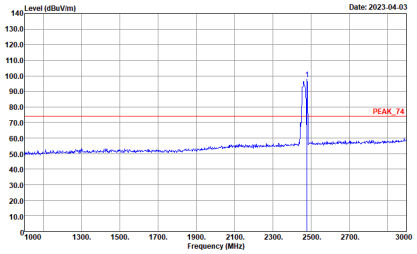
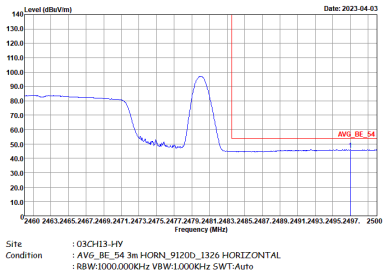
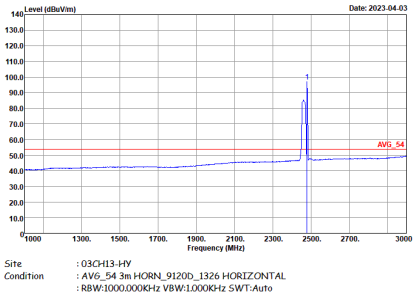
2.4GHz 2400~2483.5MHz

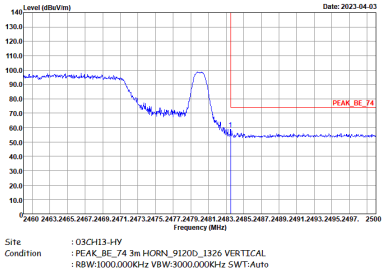
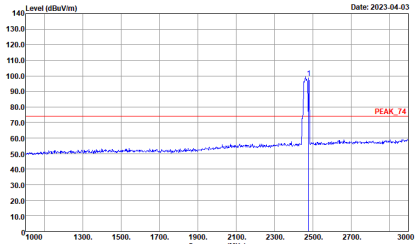
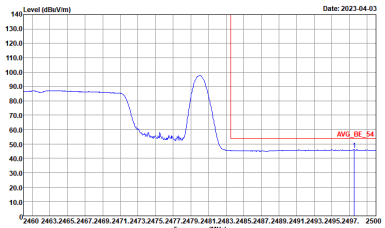
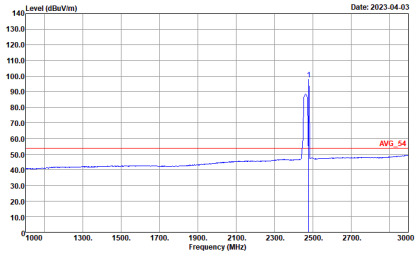
WLAN (2.4GHz) 802.11ax HE20_TX_CH11 + Bluetooth-LE_TX_Ch39 (Band Edge @ 3m)

ANT	Mode 5: Ant 1 11ax HE20 Ch11 + Ant 0 BLE(1M) Ch39	
Simultaneously	Horizontal	Fundamental
Peak		
Avg.		

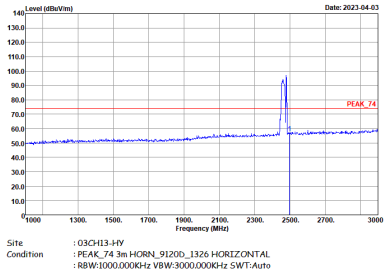
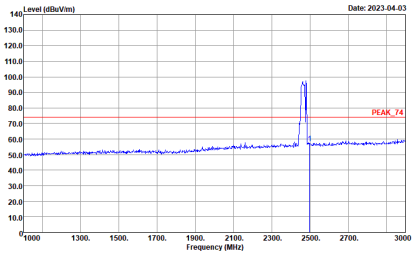
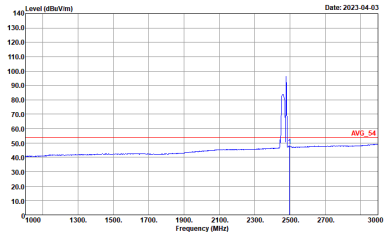
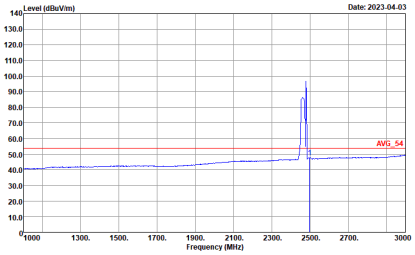
ANT	Mode 5: Ant 1 11ax HE20 Ch11 + Ant 0 BLE(1M) Ch39	
Simultaneously	Vertical	Fundamental
Peak		
Avg.		

WLAN (2.4GHz) 802.11ax HE20_TX_CH11 + Bluetooth-LE_TX_Ch39 (Band Edge @ 3m)

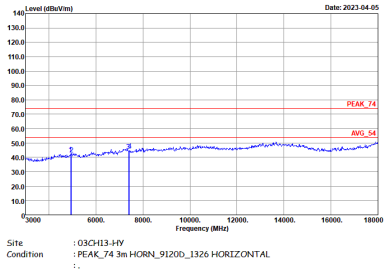
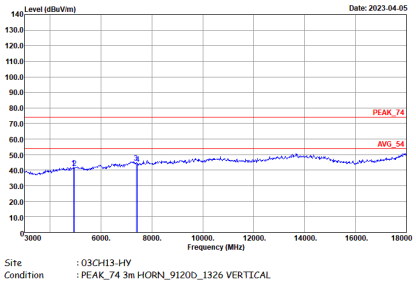
ANT	Mode 5: Ant 1 11ax HE20 Ch11 + Ant 0 BLE(1M) Ch39	
Simultaneously	Horizontal	Fundamental
Peak		
Avg.		

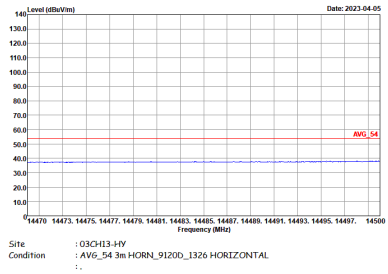
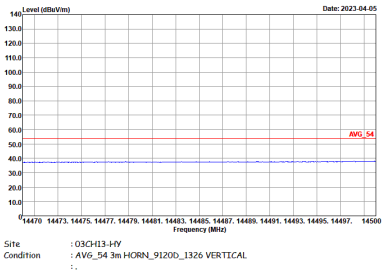
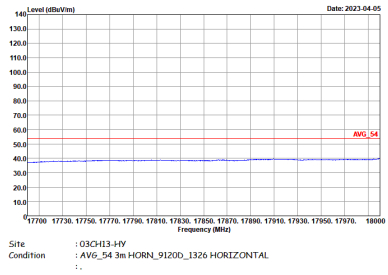
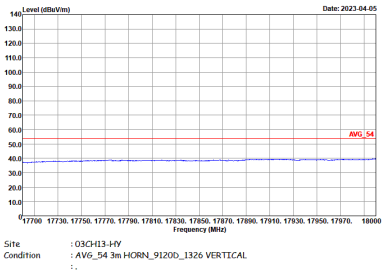
ANT	Mode 5: Ant 1 11ax HE20 Ch11 + Ant 0 BLE(1M) Ch39	
Simultaneously	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1326 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH13-HY Condition : PEAK_74 3m HORN_9120D_1326 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1326 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	 Site : 03CH13-HY Condition : AVG_54 3m HORN_9120D_1326 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto

WLAN (2.4GHz) 802.11ax HE20_TX_CH11 + Bluetooth-LE_TX_Ch39 (IM3 @ 3m)

ANT	Mode 5: Ant 1 11ax HE20 Ch11 + Ant 0 BLE(1M) Ch39	
Simultaneously	Horizontal	Vertical
Peak	 Site : 03CH13-HY Condition : PEAK_74 3m HORN_9120D_1326 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH13-HY Condition : PEAK_74 3m HORN_9120D_1326 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH13-HY Condition : AVG_54 3m HORN_9120D_1326 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	 Site : 03CH13-HY Condition : AVG_54 3m HORN_9120D_1326 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto

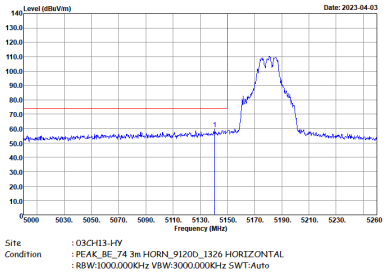
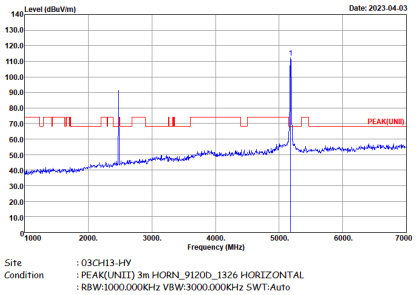
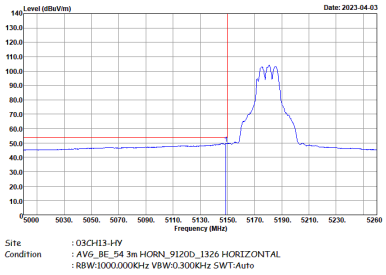
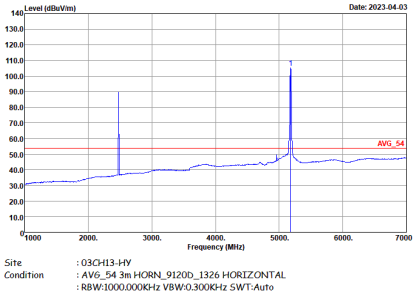
WLAN (2.4GHz) 802.11ax HE20_TX_CH11 + Bluetooth-LE_TX_Ch39 (Harmonic @ 3m)

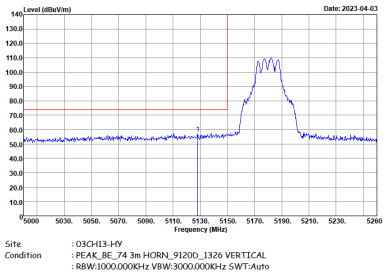
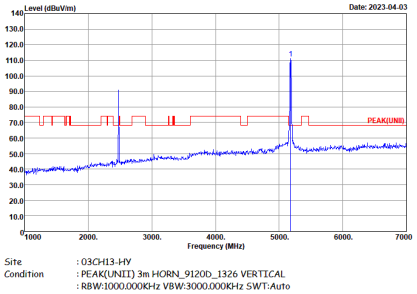
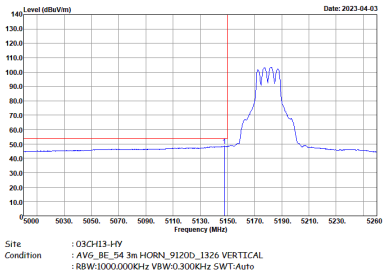
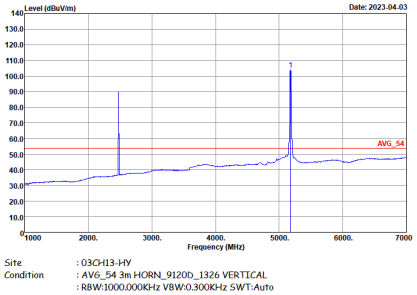
ANT	Mode 5: Ant 1 11ax HE20 Ch11 + Ant 0 BLE(1M) Ch39	
Simultaneously	Horizontal	Vertical
Peak Avg.		

ANT	Mode 5: Ant 1 11ax HE20 Ch11 + Ant 0 BLE(1M) Ch39	
Simultaneously	Horizontal	Vertical
14.47G ~14.5G Avg.		
17.7G ~18G Avg		

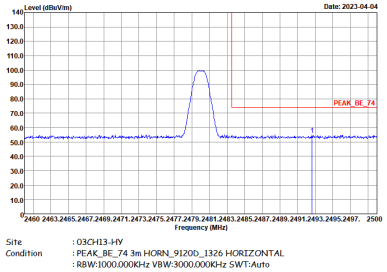
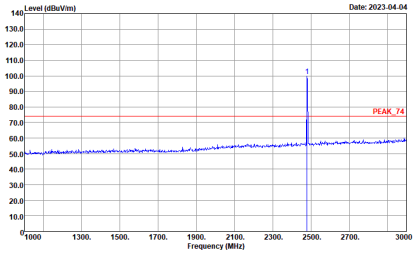
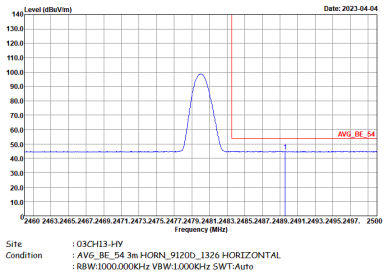
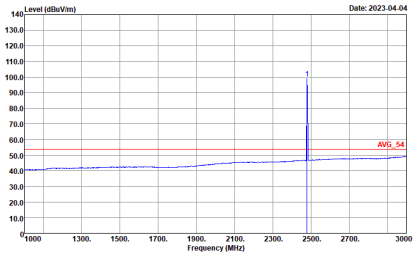
5GHz 5150~5250MHz + 2.4GHz 2400~2483.5MHz

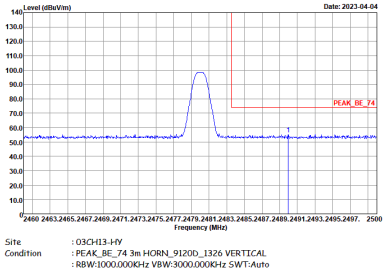
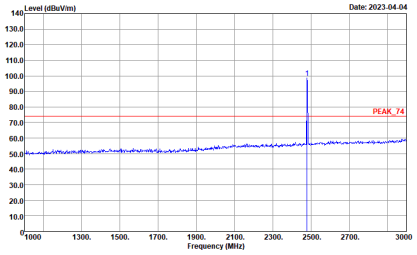
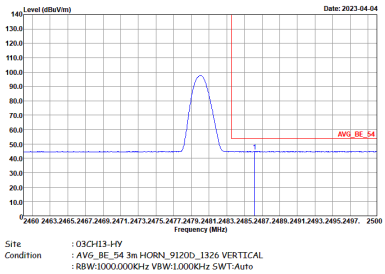
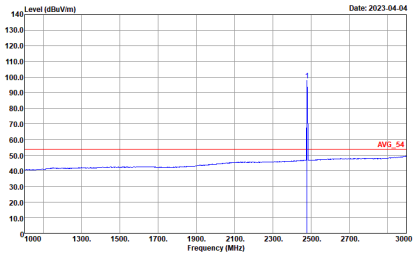
WLAN (5GHz) 802.11a _TX_CH36 + Bluetooth-LE_TX_Ch39 (Band Edge @ 3m)

ANT	Mode 6: Ant 0+1 11a Ch36 + Ant 0 BLE(1M) Ch39	
Simultaneously	Horizontal	Fundamental
Peak		
Avg.		

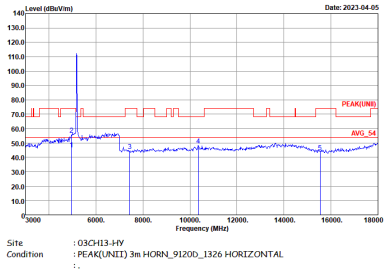
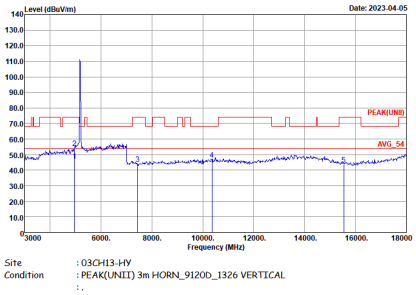
ANT	Mode 6: Ant 0+1 11a Ch36 + Ant 0 BLE(1M) Ch39	
Simultaneously	Vertical	Fundamental
Peak		
Avg.		

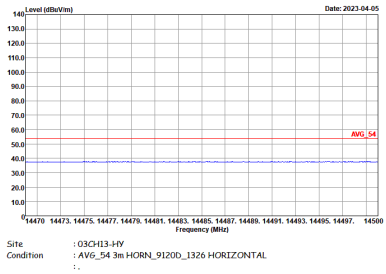
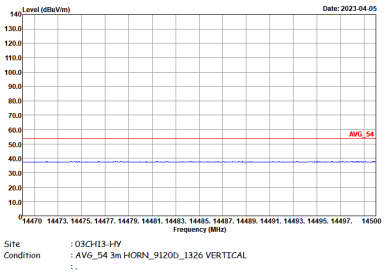
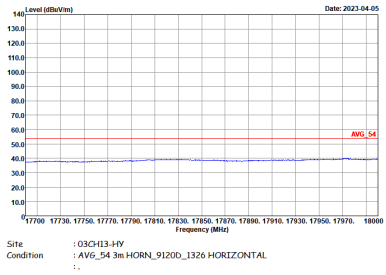
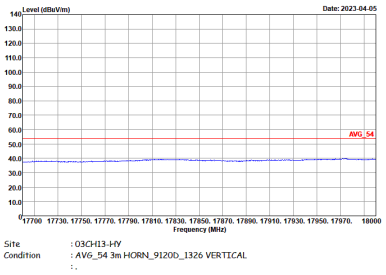
WLAN (5GHz) 802.11a _TX_CH36 + Bluetooth-LE_TX_Ch39 (Band Edge @ 3m)

ANT	Mode 6: Ant 0+1 11a Ch36 + Ant 0 BLE(1M) Ch39	
Simultaneously	Horizontal	Fundamental
Peak		
Avg.		

ANT	Mode 6: Ant 0+1 11a Ch36 + Ant 0 BLE(1M) Ch39	
Simultaneously	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1326 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH13-HY Condition : PEAK_74 3m HORN_9120D_1326 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1326 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	 Site : 03CH13-HY Condition : AVG_54 3m HORN_9120D_1326 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto

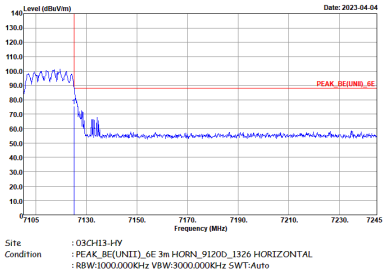
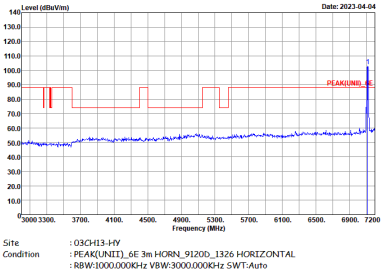
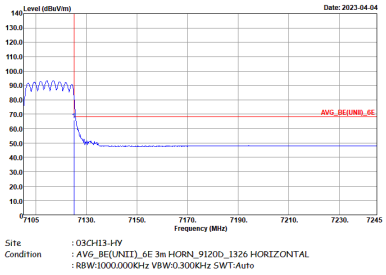
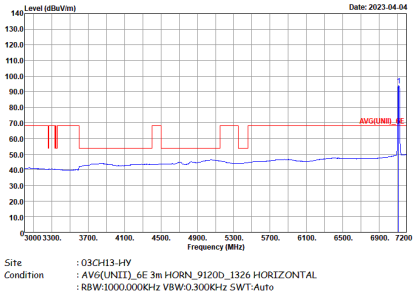
WLAN (5GHz) 802.11a _TX_CH36 + Bluetooth-LE_TX_Ch39 (Harmonic @ 3m)

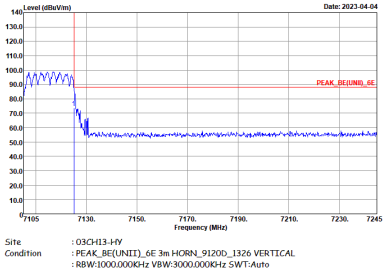
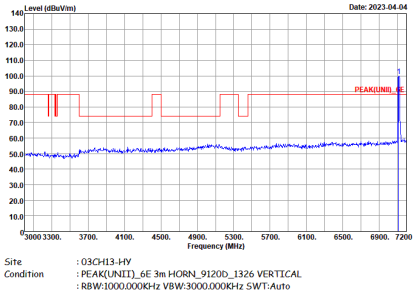
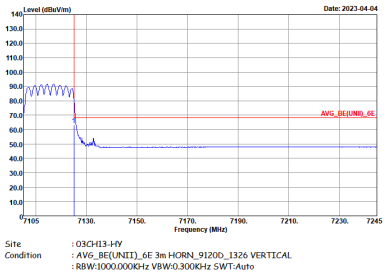
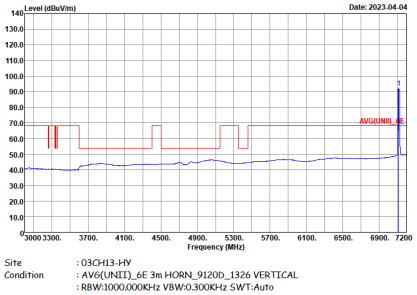
ANT	Mode 6: Ant 0+1 11a Ch36 + Ant 0 BLE(1M) Ch39	
Simultaneously	Horizontal	Vertical
Peak Avg.		

ANT	Mode 6: Ant 0+1 11a Ch36 + Ant 0 BLE(1M) Ch39	
Simultaneously	Horizontal	Vertical
14.47G ~14.5G Avg.		
17.7G ~18G Avg		

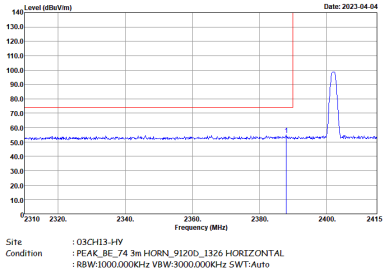
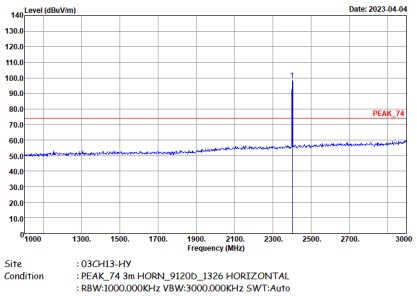
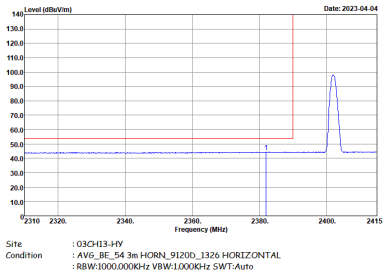
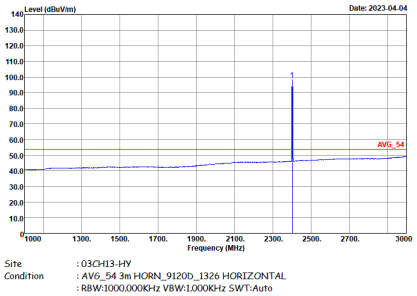
6GHz 6875~7125MHz + 2.4GHz 2400~2483.5MHz

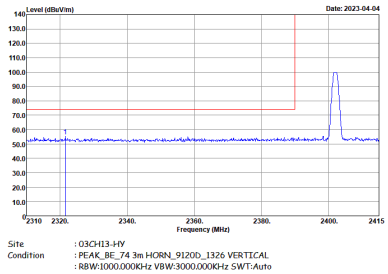
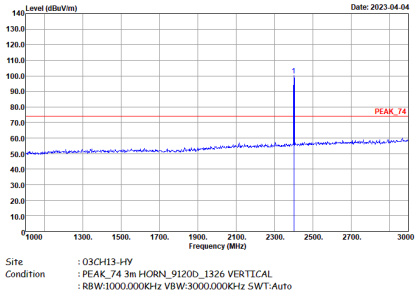
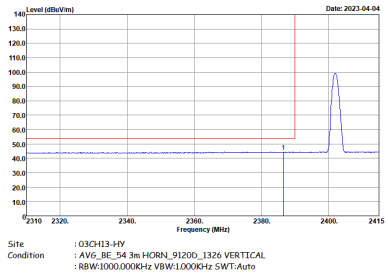
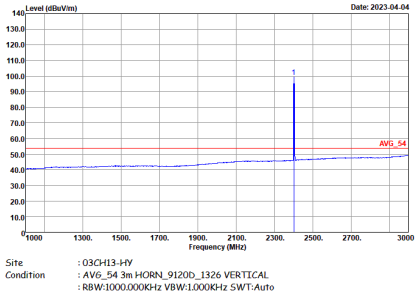
WLAN (6GHz) 802.11ax HE20_TX_CH233 + Bluetooth-LE_TX_Ch00 (Band Edge @ 3m)

ANT	Mode 7: Ant 0+1 11ax HE20 Ch233 + Ant 0 BLE(1M) Ch00	
Simultaneously	Horizontal	Fundamental
Peak		
Avg.		

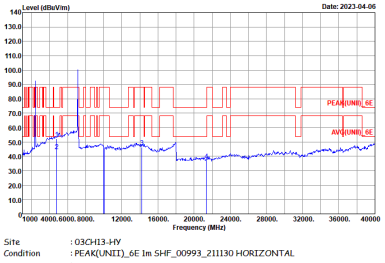
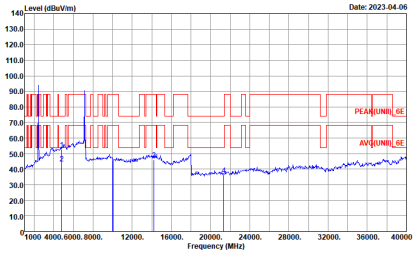
ANT	Mode 7: Ant 0+1 11ax HE20 Ch233 + Ant 0 BLE(1M) Ch00	
Simultaneously	Vertical	Fundamental
Peak		
Avg.		

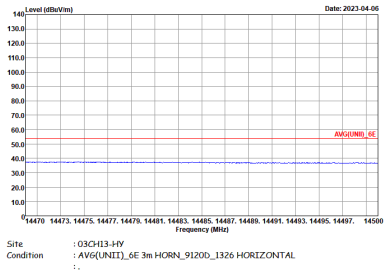
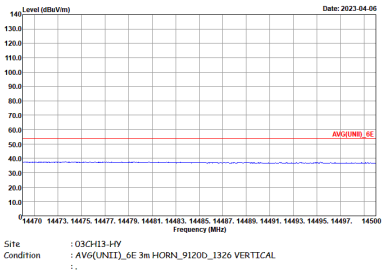
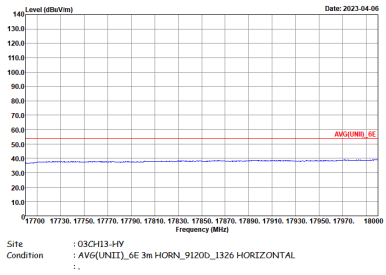
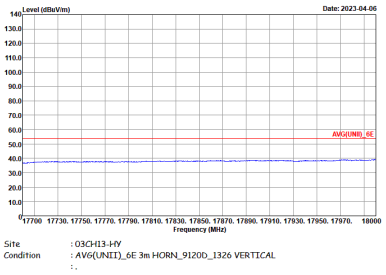
WLAN (6GHz) 802.11ax HE20_TX_CH233 + Bluetooth-LE_TX_Ch00 (Band Edge @ 3m)

ANT	Mode 7: Ant 0+1 11ax HE20 Ch233 + Ant 0 BLE(1M) Ch00	
Simultaneously	Horizontal	Fundamental
Peak		
Avg.		

ANT	Mode 7: Ant 0+1 11ax HE20 Ch233 + Ant 0 BLE(1M) Ch00	
Simultaneously	Vertical	Fundamental
Peak		
Avg.		

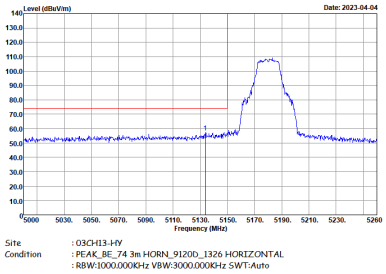
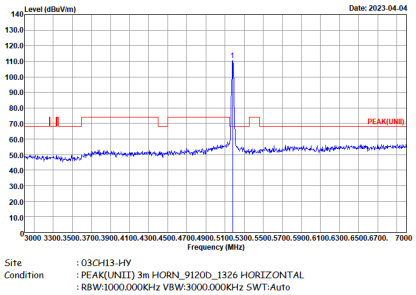
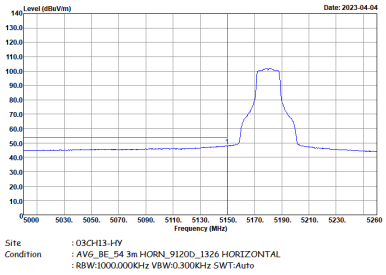
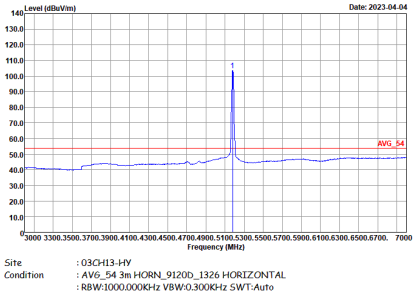
WLAN (6GHz) 802.11ax HE20_TX_CH233 + Bluetooth-LE_TX_Ch00 (Harmonic @ 3m)

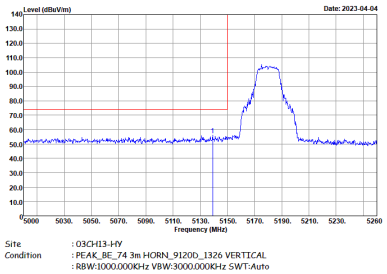
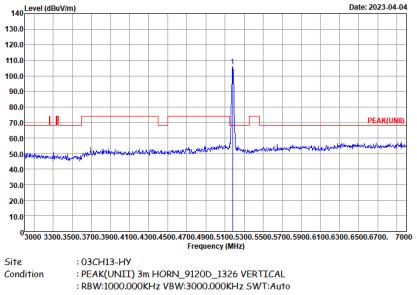
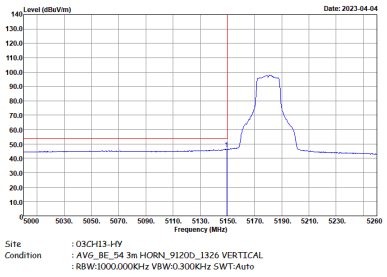
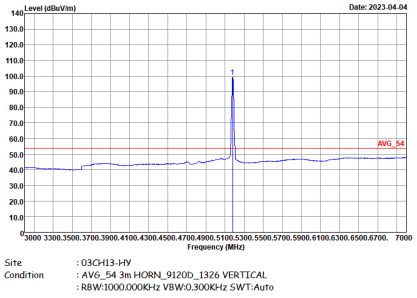
ANT	Mode 7: Ant 0+1 11ax HE20 Ch233 + Ant 0 BLE(1M) Ch00	
Simultaneously	Horizontal	Vertical
Peak Avg.		

ANT	Mode 7: Ant 0+1 11ax HE20 Ch233 + Ant 0 BLE(1M) Ch00	
Simultaneously	Horizontal	Vertical
14.47G ~14.5G Avg.		
17.7G ~18G Avg		

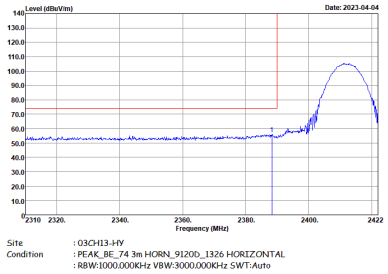
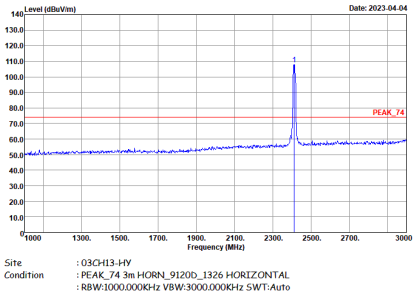
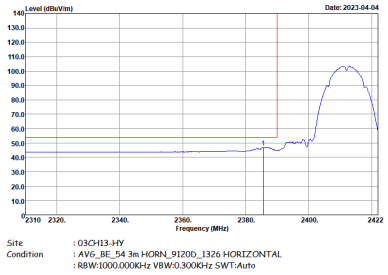
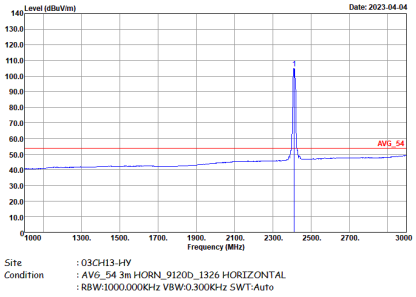
5GHz 5150~5250MHz + 2.4GHz 2400~2483.5MHz

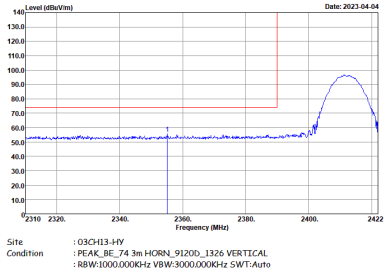
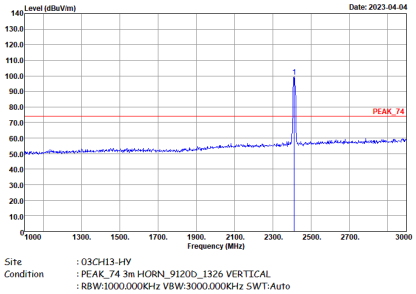
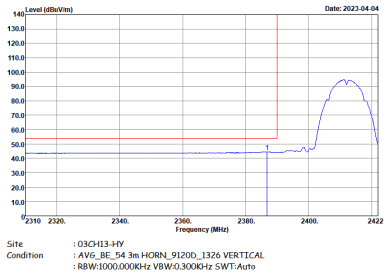
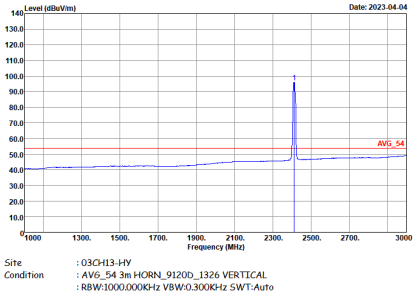
WLAN (5GHz) 802.11a_TX_CH36 + WLAN (2.4GHz) 802.11b_TX_CH11 (Band Edge @ 3m)

ANT	Mode 8: Ant 0 11a Ch36 + Ant 1 11b Ch01	
Simultaneously	Horizontal	Fundamental
Peak		
Avg.		

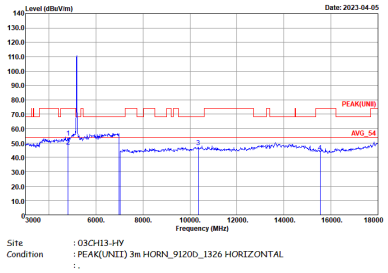
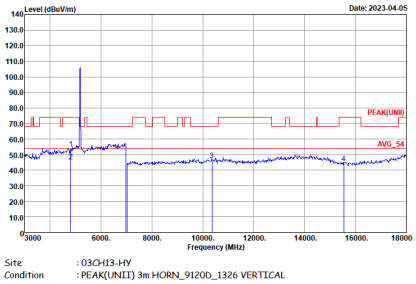
ANT	Mode 8: Ant 0 11a Ch36 + Ant 1 11b Ch01	
Simultaneously	**Vertical**	**Fundamental**
Peak		
Avg.		

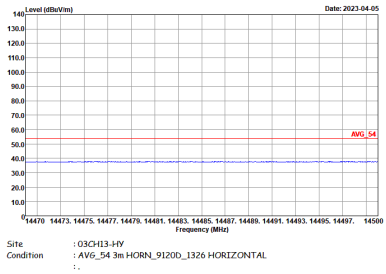
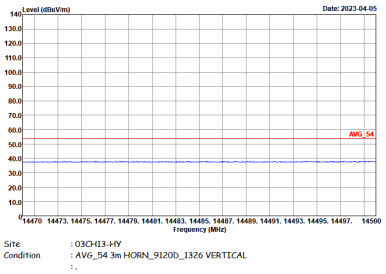
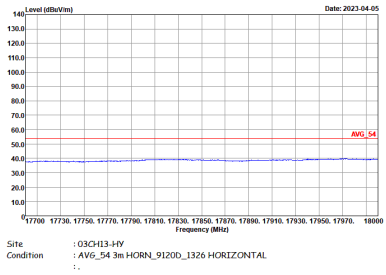
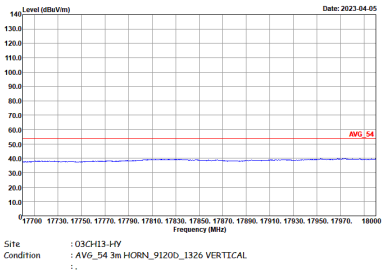
WLAN (5GHz) 802.11a_TX_CH36 + WLAN (2.4GHz) 802.11b_TX_CH11 (Band Edge @ 3m)

ANT	Mode 8: Ant 0 11a Ch36 + Ant 1 11b Ch01	
Simultaneously	Horizontal	Vertical
Peak		
Avg.		

ANT	Mode 8: Ant 0 11a Ch36 + Ant 1 11b Ch01	
Simultaneously	Horizontal	Vertical
Peak		
Avg.		

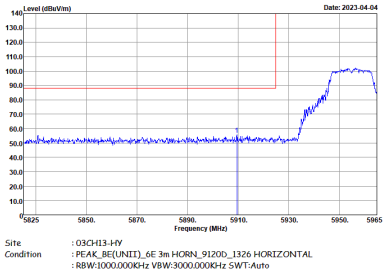
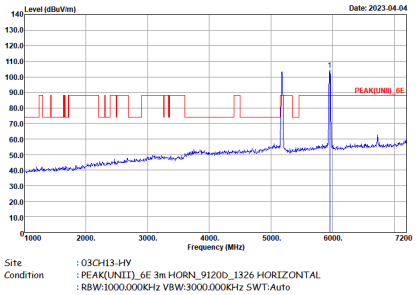
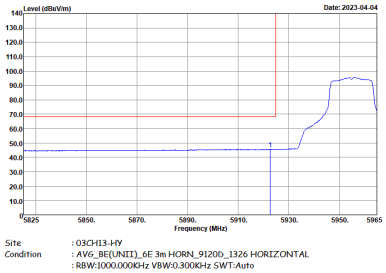
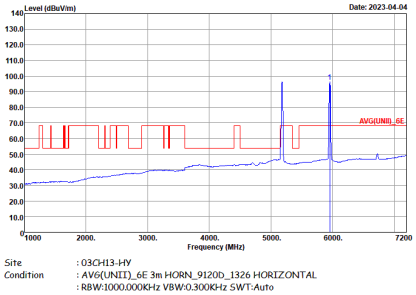
WLAN (5GHz) 802.11a_TX_CH36 + WLAN (2.4GHz) 802.11b_TX_CH11 (Harmonic @ 3m)

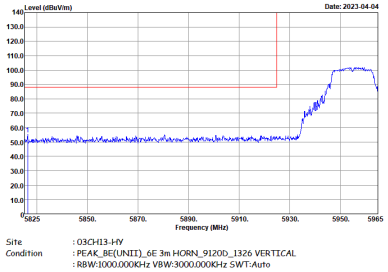
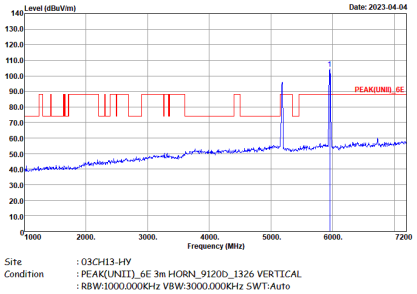
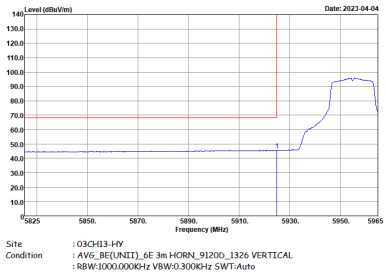
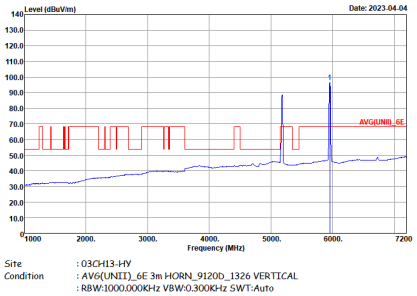
ANT	Mode 8: Ant 0 11a Ch36 + Ant 1 11b Ch01	
Simultaneously	Horizontal	Vertical
Peak Avg.		

ANT	Mode 8: Ant 0 11a Ch36 + Ant 1 11b Ch01	
Simultaneously	Horizontal	Vertical
14.47G ~14.5G Avg.		
17.7G ~18G Avg		

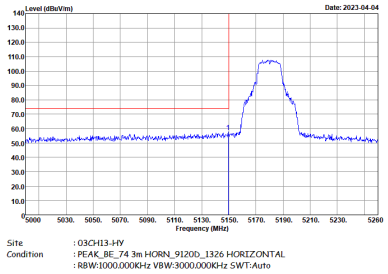
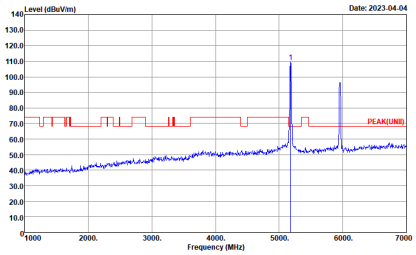
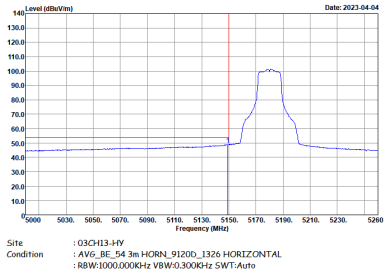
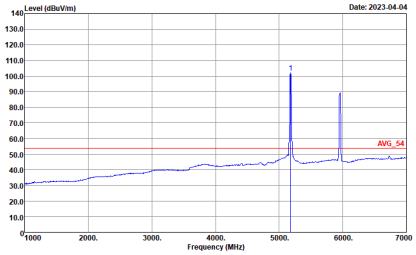
6GHz 5925~6425MHz + 5GHz 5150~5250MHz

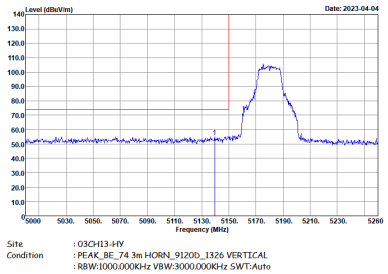
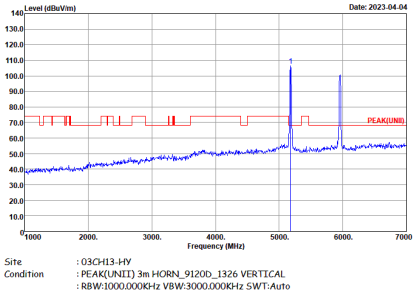
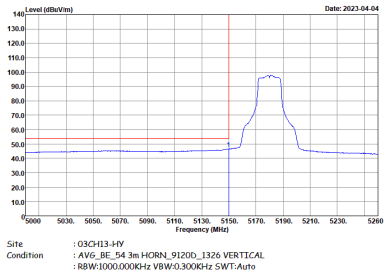
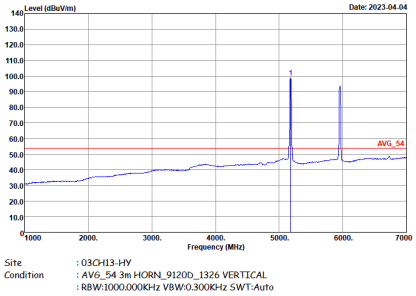
WLAN (6GHz) 802.11a_TX_CH01 + WLAN (5GHz) 802.11a_TX_CH36 (Band Edge @ 3m)

ANT	Mode 9: Ant 0 11a Ch01 + Ant 1 11a Ch36	
Simultaneously	Horizontal	Fundamental
Peak		
Avg.		

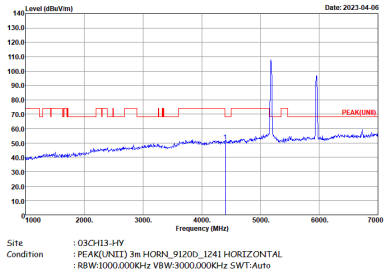
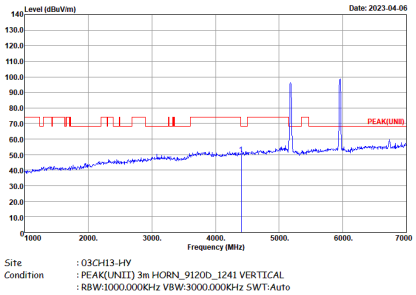
ANT	Mode 9: Ant 0 11a Ch01 + Ant 1 11a Ch36	
Simultaneously	**Vertical**	**Fundamental**
Peak		
Avg.		

WLAN (6GHz) 802.11a_TX_CH01 + WLAN (5GHz) 802.11a_TX_CH36 (Band Edge @ 3m)

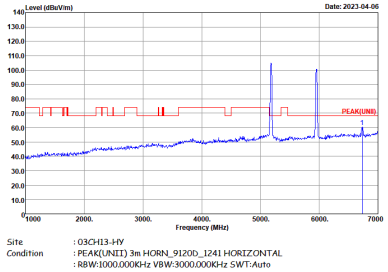
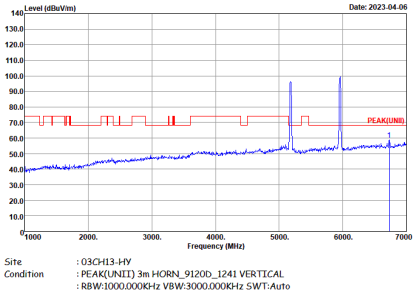
ANT	Mode 9: Ant 0 11a Ch01 + Ant 1 11a Ch36	
Simultaneously	Horizontal	Vertical
Peak		
Avg.		

ANT	Mode 9: Ant 0 11a Ch01 + Ant 1 11a Ch36	
Simultaneously	Horizontal	Vertical
Peak		
Avg.		

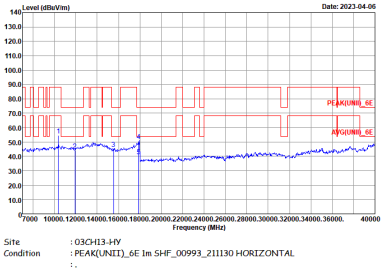
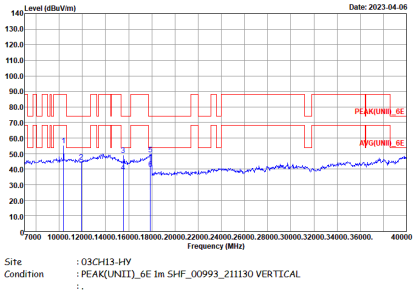
WLAN (6GHz) 802.11a_TX_CH01 + WLAN (5GHz) 802.11a_TX_CH36 (IM3 @ 3m)

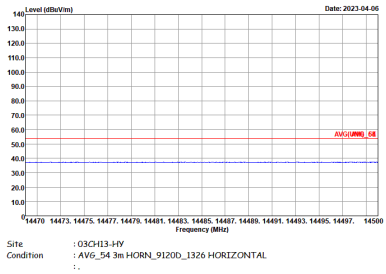
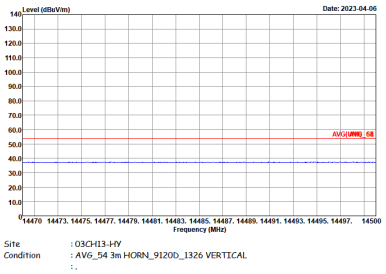
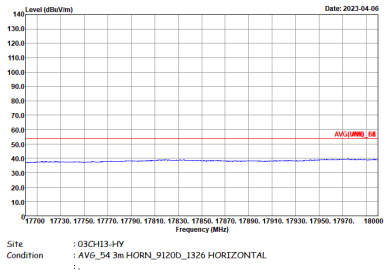
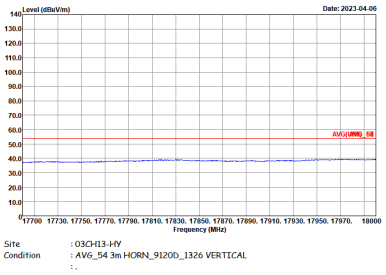
ANT	Mode 9: Ant 0 11a Ch01 + Ant 1 11a Ch36	
Simultaneously	Horizontal	Vertical
Peak		

WLAN (6GHz) 802.11a_TX_CH01 + WLAN (5GHz) 802.11a_TX_CH36 (IM3 @ 3m)

ANT	Mode 9: Ant 0 11a Ch01 + Ant 1 11a Ch36	
Simultaneously	Horizontal	Vertical
Peak		

WLAN (6GHz) 802.11a_TX_CH01 + WLAN (5GHz) 802.11a_TX_CH36 (Harmonic @ 3m)

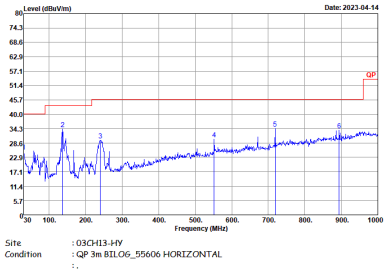
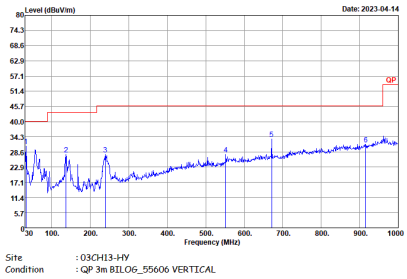
ANT	Mode 9: Ant 0 11a Ch01 + Ant 1 11a Ch36	
Simultaneously	Horizontal	Vertical
Peak Avg.		

ANT	Mode 9: Ant 0 11a Ch01 + Ant 1 11a Ch36	
Simultaneously	Horizontal	Vertical
14.47G ~14.5G Avg.		
17.7G ~18G Avg		

6GHz 5925~6425MHz + 2.4GHz 2400~2483.5MHz

Emission below 1GHz

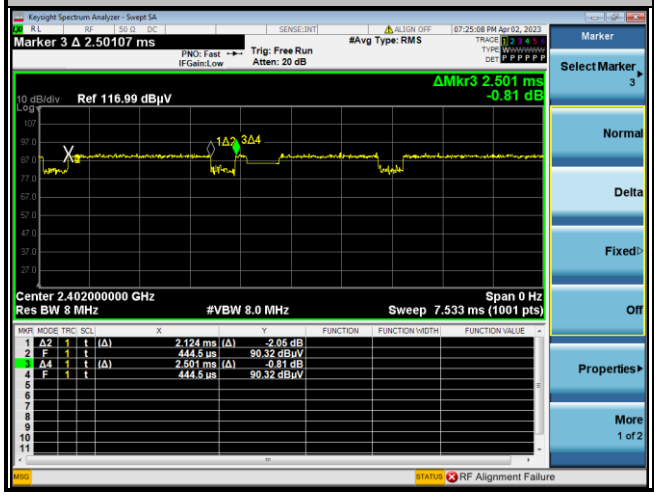
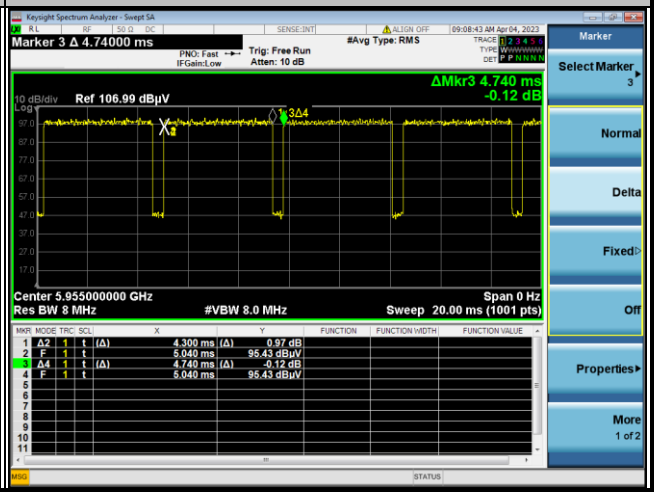
WLAN (6GHz) 802.11ax HE20_TX_CH233 + Bluetooth-LE_TX_Ch00 (LF)

ANT	Mode 7: Ant 0+1 11ax HE20 Ch233 + Ant 0 BLE(1M) Ch00	
Simultaneously	Horizontal	Vertical
QP / Peak		

Appendix C. Duty Cycle Plots

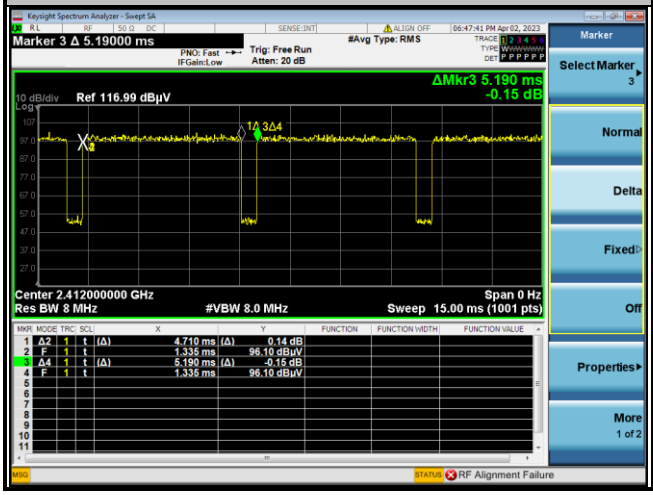
Antenna	Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting
0	Bluetooth - LE for 1Mbps	84.93	2124	0.47	1kHz
0	6GHz 802.11a	90.72	4300	0.23	300Hz
1	2.4GHz 802.11ax HE20 Full RU	90.75	4710	0.21	300Hz
1	802.11b	96.10	8380	0.12	300Hz
1	5GHz 802.11a	90.34	4300	0.23	300Hz
0+1	5GHz 802.11a	91.05	4275	0.23	300Hz
0+1	6GHz 802.11ax HE20 Full RU	90.93	4712	0.21	300Hz

<Ant. 0>

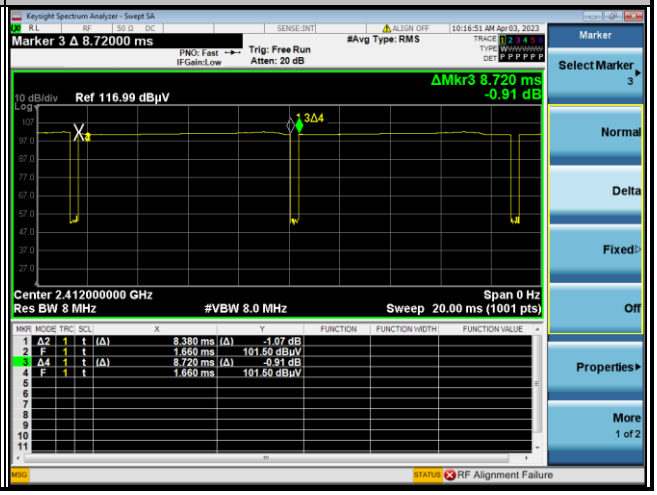
Bluetooth - LE for 1Mbps	6GHz 802.11a
	

<Ant. 1>

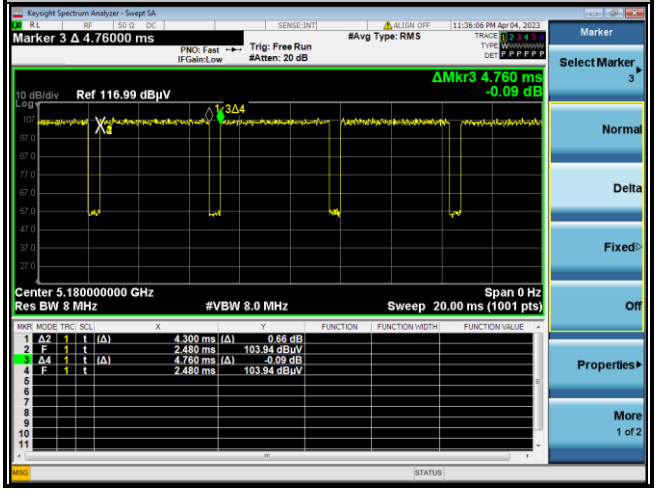
2.4GHz 802.11ax HE20 Full RU



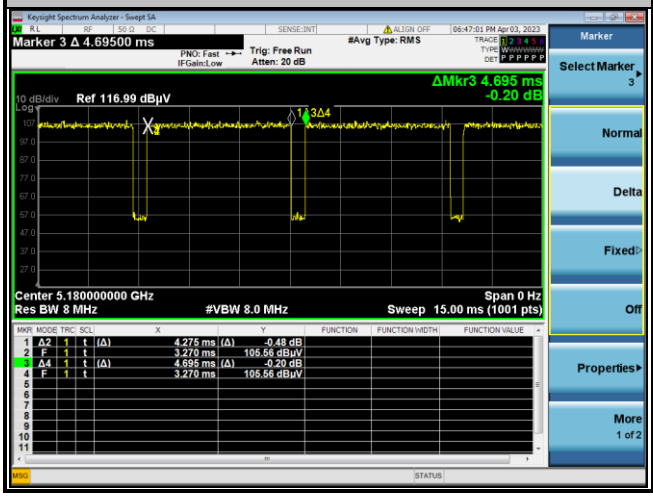
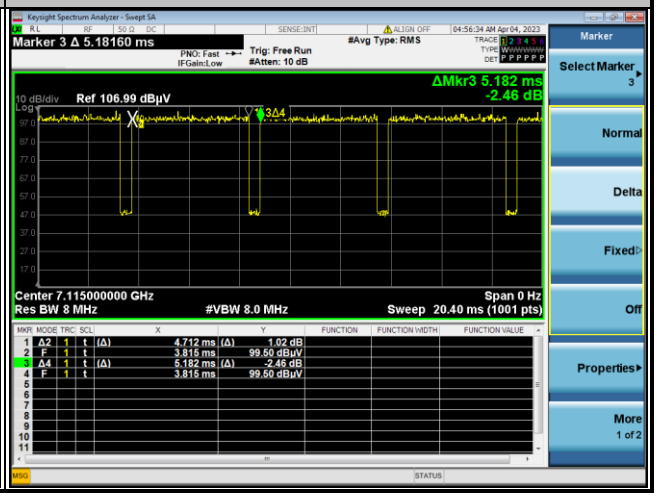
802.11b



5GHz 802.11a



MIMO <Ant. 0+1>

802.11a	6GHz 802.11ax HE20 Full RU
	

THE END