



FCC RADIO TEST REPORT

FCC ID : J9C-QCNFA765
Equipment : Wi-Fi 6E BT 5.2 M.2 2230 Module
Brand Name : Qualcomm
Model Name : QCNFA765
Applicant : Qualcomm Technologies, Inc.
5775 Morehouse Drive, San Diego, CA
92121-1714
Manufacturer : Qualcomm Technologies, Inc.
5775 Morehouse Drive, San Diego, CA
92121-1714
Standard : FCC Part 15 Subpart E §15.407

The product was received on Oct. 13, 2021 and testing was performed from Nov. 08, 2021 to Dec. 16, 2021. We, Sporton International Inc. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

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

Louis Wu

Approved by: Louis Wu

Sporton International Inc. EMC & Wireless Communications Laboratory

No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)



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History of this test report

Report No.	Version	Description	Issue Date
FR1O1343D	01	Initial issue of report	Dec. 22, 2021

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	15.407(a)(8)	Maximum Conducted Output Power	Reporting only	-
3.1	15.407(a)(8)	Fundamental Maximum EIRP	Pass	-
3.2	15.407(b)	Unwanted Emissions	Pass	5.63 dB under the limit at 5924.960 MHz
3.3	15.203 15.407(a)	Antenna Requirement	Pass	-

Note: The test plan for power and Radiated Spurious Emission measurement are designated by manufacturer as worst case for Test Lab. measurement. Then, all test cases are performed, based on the worst power measured by Test Lab, and reported accordingly.

Declaration of Conformity:

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

Comments and Explanations:

The product specifications of the EUT presented in the report are declared by the manufacturer who shall take full responsibility for the authenticity.

Reviewed by: Sheng Kuo

Report Producer: Lucy Wu

1 General Description

1.1 Product Feature of Equipment Under Test

Bluetooth, Wi-Fi 2.4GHz 802.11b/g/n/ac/ax, Wi-Fi 5GHz 802.11a/n/ac/ax, and Wi-Fi 6GHz 802.11a/ax.

Product Feature	
Sample 1	EUT with Host 1
Sample 2	EUT with Host 2
Antenna Type	WLAN <Main>: PIFA Antenna <Aux.> : PIFA Antenna Bluetooth : PIFA Antenna

The product was installed into Portable Computer (Brand Name: DELL, Model Name: P117F) during test, and the host information was recorded in the following table.

Host Information	
Host 1	Host with Hong Bo Co., Ltd. Antenna
Host 2	Host with SPEED Antenna

Antenna Information			
Antenna 1	Manufacturer	Hong Bo Co., Ltd.	
	Antenna Type	PIFA Antenna	PIFA Antenna
	Part number	025.901XP.0001	025.901XQ.0001
	Peak gain (dBi)	Main Antenna :	Aux. Antenna :
		WLAN(5G B5): 4.73	WLAN(5G B5): 4.22
		WLAN(5G B6): 4.17	WLAN(5G B6): 2.26
WLAN(5G B7): 2.74		WLAN(5G B7): 2.37	
WLAN(5G B8): 2.30	WLAN(5G B8): 2.32		
Antenna 2	Manufacturer	SPEED	
	Antenna Type	PIFA Antenna	PIFA Antenna
	Part number	025.901XP.0011	025.901XQ.0011
	Peak gain (dBi)	Main Antenna :	Aux. Antenna :
		WLAN(5G B5): 4.73	WLAN(5G B5): 4.22
		WLAN(5G B6): 4.17	WLAN(5G B6): 2.26
WLAN(5G B7): 2.74		WLAN(5G B7): 2.37	
WLAN(5G B8): 2.30	WLAN(5G B8): 2.32		

Remark:

- The above EUT's information was declared by manufacturer. Please refer to Comments and Explanations in report summary.
- All the tests were performed with "Hong Bo Co., Ltd. Antenna" as representative.

1.2 Modification of EUT

No modifications made to the EUT during the testing.

1.3 Testing Location

Test Site	Sporton International Inc. EMC & Wireless Communications Laboratory
Test Site Location	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.) TEL: +886-3-327-3456 FAX: +886-3-328-4978
Test Site No.	Sporton Site No. 03CH07-HY

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

Test Site	Sporton International Inc. Wensan Laboratory
Test Site Location	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
Test Site No.	Sporton Site No. TH05-HY (TAF Code: 3786)
Remark	The Conducted test item subcontracted to Sporton International Inc. Wensan Laboratory.

FCC designation No.: TW1190 and TW3786

1.4 Applicable Standards

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

- ♦ FCC Part 15 Subpart E
- ♦ FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
- ♦ FCC KDB 987594 D02 U-NII 6 GHz EMC Measurement v01
- ♦ ANSI C63.10-2013

Remark:

1. All the test items were validated and recorded in accordance with the standards without any modification during the testing.
2. The TAF code is not including all the FCC KDB listed without accreditation.

2 Test Configuration of Equipment Under Test

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 (1 GHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower).

2.1 Carrier Frequency and Channel

BW 20M	Channel	2							
	Freq. (MHz)	5935							

BW 20M	Channel	1	5	9	13	17	21	25	29
	Freq. (MHz)	5955	5975	5995	6015	6035	6055	6075	6095
BW 40M	Channel	3		11		19		27	
	Freq. (MHz)	5965		6005		6045		6085	
BW 80M	Channel	7				23			
	Freq. (MHz)	5985				6065			
BW 160M	Channel	15							
	Freq. (MHz)	6025							

BW 20M	Channel	33	37	41	45	49	53	57	61
	Freq. (MHz)	6115	6135	6155	6175	6195	6215	6235	6255
BW 40M	Channel	35		43		51		59	
	Freq. (MHz)	6125		6165		6205		6245	
BW 80M	Channel	39				55			
	Freq. (MHz)	6145				6225			
BW 160M	Channel	47							
	Freq. (MHz)	6185							

BW 20M	Channel	65	69	73	77	81	85	89	93
	Freq. (MHz)	6275	6295	6315	6335	6355	6375	6395	6415
BW 40M	Channel	67		75		83		91	
	Freq. (MHz)	6285		6325		6365		6405	
BW 80M	Channel	71				87			
	Freq. (MHz)	6305				6385			
BW 160M	Channel	79							
	Freq. (MHz)	6345							



BW 20M	Channel	97	101	105	109	113	117	121	125
	Freq. (MHz)	6435	6455	6475	6495	6515	6535	6555	6575
BW 40M	Channel	99		107		115		123	
	Freq. (MHz)	6445		6485		6525		6565	
BW 80M	Channel	103				119			
	Freq. (MHz)	6465				6545			
BW 160M	Channel	111							
	Freq. (MHz)	6505							

BW 20M	Channel	129	133	137	141	145	149	153	157
	Freq. (MHz)	6595	6615	6635	6655	6675	6695	6715	6735
BW 40M	Channel	131		139		147		155	
	Freq. (MHz)	6605		6645		6685		6725	
BW 80M	Channel	135				151			
	Freq. (MHz)	6625				6705			
BW 160M	Channel	143							
	Freq. (MHz)	6665							

BW 20M	Channel	161	165	169	173	177	181	185	189
	Freq. (MHz)	6755	6775	6795	6815	6835	6855	6875	6895
BW 40M	Channel	163		171		179		187	
	Freq. (MHz)	6765		6805		6845		6885	
BW 80M	Channel	167				183			
	Freq. (MHz)	6785				6865			
BW 160M	Channel	175							
	Freq. (MHz)	6825							

BW 20M	Channel	193	197	201	205	209	213	217	221
	Freq. (MHz)	6915	6935	6955	6975	6995	7015	7035	7055
BW 40M	Channel	195		203		211		219	
	Freq. (MHz)	6925		6965		7005		7045	
BW 80M	Channel	199				215			
	Freq. (MHz)	6945				7025			
BW 160M	Channel	207							
	Freq. (MHz)	6985							

BW 20M	Channel	225	229
	Freq. (MHz)	7075	7095
BW 40M	Channel	227	
	Freq. (MHz)	7085	

BW 20M	Channel	233
	Freq. (MHz)	7115

2.2 Test Mode

The final test modes consider the modulation and the worst data rates as shown in the table below.

Modulation		Data Rate
802.11a		6 Mbps
802.11ax HE20		MCS0
802.11ax HE40		MCS0
802.11ax HE160		MCS0

Ch. #		UNII-5 (5925-6425 MHz)	UNII-7 (6525-6875 MHz)	UNII-8 (6875-7125 MHz)
		802.11a	802.11a	802.11a
L	Low	001	-	-
		002		
M	Middle	-	-	-
H	High	-	181	223

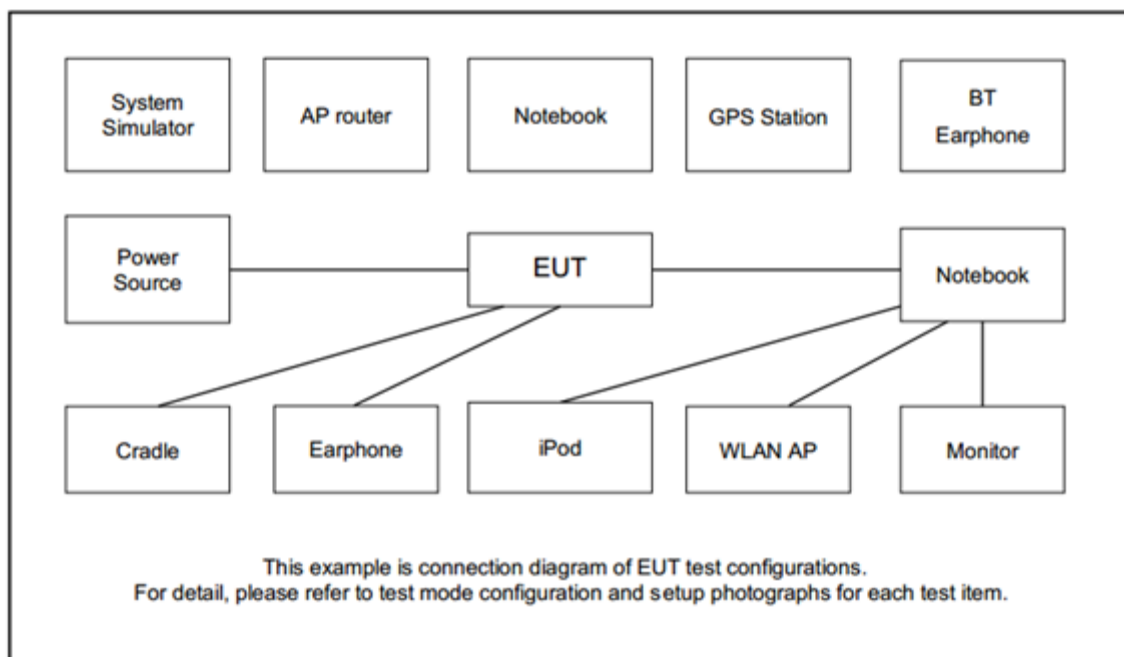
Ch. #		UNII-5 (5925-6425 MHz)	UNII-7 (6525-6875 MHz)	UNII-8 (6875-7125 MHz)
		802.11ax HE20	802.11ax HE20	802.11ax HE20
L	Low	001	-	-
		002		
M	Middle	-	149	-
H	High	-	181	223

Ch. #		UNII-5 (5925-6425 MHz)	UNII-7 (6525-6875 MHz)	UNII-8 (6875-7125 MHz)
		802.11ax HE40	802.11ax HE40	802.11ax HE40
L	Low	003	-	-
M	Middle	-	-	-
H	High	-	179	227

Ch. #		UNII-5 (5925-6425 MHz)
		802.11ax HE160
L	Low	015
M	Middle	-
H	High	-

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

2.3 Connection Diagram of Test System



2.4 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model Name	FCC ID	Data Cable	Power Cord
1.	iPod Earphone	Apple	N/A	Verification	Unshielded, 1.0 m	N/A

2.5 EUT Operation Test Setup

The RF test items, utility "QRCT 4.0.00194.0" was installed in Host 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 Maximum conducted Output Power and Fundamental Maximum EIRP Measurement

3.1.1 Limit of Fundamental Maximum EIRP

<FCC 14-30 CFR 15.407>

(a)(8) For client devices operating under the control of an indoor access point in the 5.925-7.125 GHz bands, the maximum e.i.r.p. over the frequency band of operation must not exceed 24 dBm.

3.1.2 Measuring Instruments

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

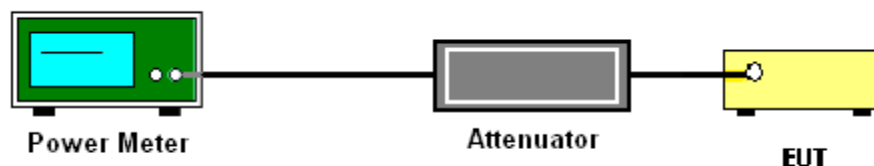
3.1.3 Test Procedures

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

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

1. Measurement is performed using a wideband RF power meter.
2. The EUT is configured to transmit at its maximum power control level.
3. Measure the average power of the transmitter.
4. Since the measurement is made only during the ON time of the transmitter, no duty cycle correction factor is required.
5. For MIMO mode, calculation method follows FCC KDB 662911 D01 Multiple Transmitter Output v02r01.

3.1.1 Test Setup



3.1.2 Test Result of Fundamental Maximum EIRP

Please refer to Appendix A.

3.2 Unwanted Emissions Measurement

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

3.2.1 Limit of Unwanted Emissions

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

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

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

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

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

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

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

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

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

3.2.2 Measuring Instruments

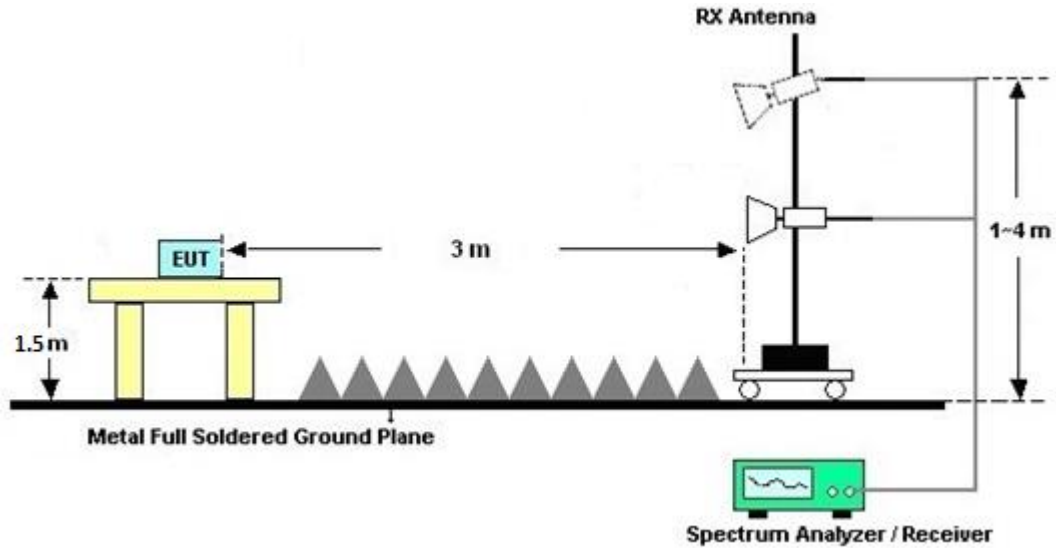
Please refer to the measuring equipment list in this test report.

3.2.3 Test Procedures

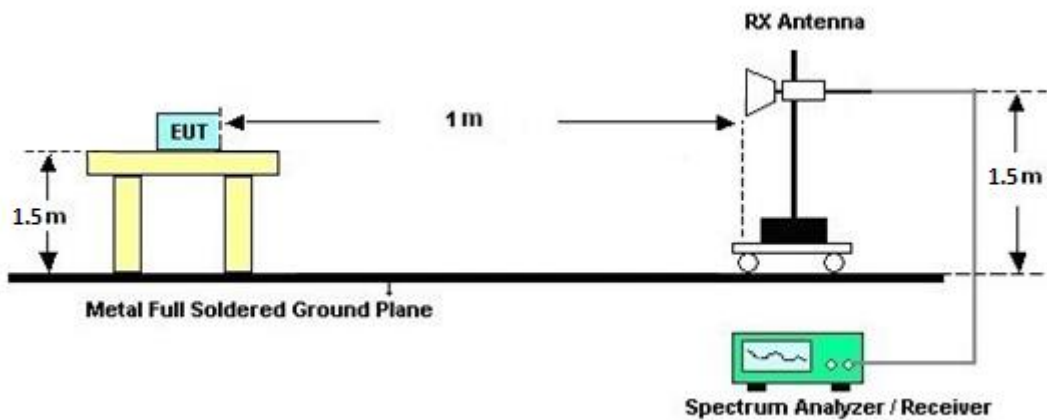
1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
Section G) Unwanted emissions measurement.
(1) Procedure for Peak Unwanted Emissions Measurements Above 1000 MHz
 - RBW = 1 MHz
 - VBW $\geq$ 3 MHz
 - Detector = Peak
 - Sweep time = auto
 - Trace mode = max hold(2) Procedures for Average Unwanted Emissions Measurements Above 1000MHz
 - RBW = 1 MHz
 - VBW = 10 Hz, when duty cycle is no less than 98 percent.
 - VBW $\geq$ 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.
2. The EUT is placed on a turntable with 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 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 “-”.

3.2.4 Test Setup

For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



3.2.5 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix B and C.

3.2.6 Duty Cycle

Please refer to Appendix D.

3.2.7 Test Result of Radiated Spurious Emissions

Please refer to Appendix B and C.



3.3 Antenna Requirements

3.3.1 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.3.2 Antenna Gain

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



4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Double Ridge Horn Antenna	ESCO	3117	00075962	1GHz ~ 18GHz	Dec. 01, 2020	Nov. 13, 2021~ Nov. 29, 2021	Nov. 30, 2021	Radiation (03CH07-HY)
Double Ridge Horn Antenna	ESCO	3117	00066584	1GHz ~ 18GHz	Oct. 25, 2021	Dec. 08, 2021~ Dec. 16, 2021	Oct. 24, 2022	Radiation (03CH07-HY)
Preamplifier	MITEQ	AMF-7D-0010 1800-30-10P	1590075	1GHz~18GHz	Apr. 22, 2021	Nov. 13, 2021~ Dec. 16, 2021	Apr. 21, 2022	Radiation (03CH07-HY)
Preamplifier	Agilent	8449B	3008A02362	1GHz~26.5GHz	Oct. 04, 2021	Nov. 13, 2021~ Dec. 16, 2021	Oct. 03, 2022	Radiation (03CH07-HY)
Spectrum Analyzer	Agilent	N9030A	MY52350276	3Hz~44GHz	Jul. 22, 2021	Nov. 13, 2021~ Dec. 16, 2021	Jul. 21, 2022	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY15682-4	30MHz to 18GHz	Feb. 24, 2021	Nov. 13, 2021~ Dec. 16, 2021	Feb. 23, 2022	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY24971-4	9kHz to 18GHz	Feb. 24, 2021	Nov. 13, 2021~ Dec. 16, 2021	Feb. 23, 2022	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY28655-4	9kHz to 18GHz	Feb. 24, 2021	Nov. 13, 2021~ Dec. 16, 2021	Feb. 23, 2022	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY2858/2,80 1606/2	18GHz~40GHz	Feb. 24, 2021	Nov. 13, 2021~ Dec. 16, 2021	Feb. 23, 2022	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 126	532078/126E	30MHz~18GHz	Sep. 17, 2021	Nov. 13, 2021~ Dec. 16, 2021	Sep. 16, 2022	Radiation (03CH07-HY)
Controller	EMEC	EM1000	N/A	Control Ant Mast	N/A	Nov. 13, 2021~ Dec. 16, 2021	N/A	Radiation (03CH07-HY)
Controller	MF	MF-7802	N/A	Control Turn table	N/A	Nov. 13, 2021~ Dec. 16, 2021	N/A	Radiation (03CH07-HY)
Antenna Mast	EMEC	AM-BS-4500E	N/A	Boresight mast 1M~4M	N/A	Nov. 13, 2021~ Dec. 16, 2021	N/A	Radiation (03CH07-HY)
Turn Table	ChainTek	Chaintek 3000	N/A	0~360 Degree	N/A	Nov. 13, 2021~ Dec. 16, 2021	N/A	Radiation (03CH07-HY)
Software	Audix	E3 6.2009-8-24	N/A	N/A	N/A	Nov. 13, 2021~ Dec. 16, 2021	N/A	Radiation (03CH07-HY)
USB Data Logger	TECPEL	TR-32	HE17XB2495	N/A	Mar. 09, 2021	Nov. 13, 2021~ Dec. 16, 2021	Mar. 08, 2022	Radiation (03CH07-HY)
SHF-EHF Horn Antenna	SCHWARZBE CK	BBHA 9170	BBHA917025 1	18GHz~40GHz	Dec. 02, 2020	Nov. 13, 2021~ Nov. 29, 2021	Dec. 01, 2021	Radiation (03CH07-HY)
SHF-EHF Horn Antenna	SCHWARZBE CK	BBHA 9170	BBHA917025 1	18GHz~40GHz	Nov. 30, 2021	Dec. 08, 2021~ Dec. 16, 2021	Nov. 29, 2022	Radiation (03CH07-HY)
Preamplifier	EMEC	EM18G40G	0600789	18-40GHz	Jul. 23, 2021	Nov. 13, 2021~ Dec. 16, 2021	Jul. 22, 2022	Radiation (03CH07-HY)
Hygrometer	Testo	608-H1	34893241	N/A	Mar. 01, 2021	Nov. 08, 2021~ Dec. 12, 2021	Feb. 28, 2022	Conducted (TH05-HY)
Power Sensor	DARE	RPR3006W	16I00054SNO 12	10MHz~6GHz	Dec. 16, 2020	Nov. 08, 2021~ Dec. 12, 2021	Dec. 15, 2021	Conducted (TH05-HY)
Spectrum Analyzer	Rohde & Schwarz	FSP40	100055	9kHz-40GHz	Jan. 21, 2021	Nov. 08, 2021~ Dec. 12, 2021	Jan. 20, 2022	Conducted (TH05-HY)
Switch Box & RF Cable	EM Electronics	EMSW18SE	SW200302	N/A	Mar. 17, 2021	Nov. 08, 2021~ Dec. 12, 2021	Mar. 16, 2022	Conducted (TH05-HY)



5 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.8 dB
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Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.0 dB
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Appendix A. Test Result of Conducted Test Items

Test Engineer:	Ching Chen / Mina Liu	Temperature:	21-25	°C
Test Date:	2021/11/8-2021/12/12	Relative Humidity:	51-54	%

Remark: For Conducted Test Items, Ant. 1 means Chain 0 (Aux.) and Ant. 2 means Chain 1 (Main).

TEST RESULTS DATA
EIRP Power Table

FCC Band V single antenna												
Mod.	Data Rate	NTX	Freq. (MHz)	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)		EIRP Power Limit (dBm)	Pass /Fail
				Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	5935	-1.70	-2.30		4.22	4.73	2.52	2.43	24.00	Pass
11a	6Mbps	1	5955	0.20	0.20		4.22	4.73	4.42	4.93	24.00	Pass

TEST RESULTS DATA
EIRP Power Table

FCC Band VIII single antenna												
Mod.	Data Rate	NTX	Freq. (MHz)	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)		EIRP Power Limit (dBm)	Pass /Fail
				Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	7115	-0.20	-0.40		2.32	2.30	2.12	1.90	24.00	Pass

TEST RESULTS DATA
EIRP Power Table

FCC Band V single antenna													
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)		EIRP Power Limit (dBm)	Pass /Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	1	5935	Full	-4.90	-4.90		4.22	4.73	-0.68	-0.17	24.00	Pass
HE20	MCS0	1	5935	26/0	-15.30	-15.20		4.22	4.73	-11.08	-10.47	24.00	Pass
HE20	MCS0	1	5935	242/61	-8.10	-8.30		4.22	4.73	-3.88	-3.57	24.00	Pass
HE20	MCS0	1	5955	Full	1.10	1.10		4.22	4.73	5.32	5.83	24.00	Pass
HE20	MCS0	1	5955	242/61	2.30	2.10		4.22	4.73	6.52	6.83	24.00	Pass
HE40	MCS0	1	5965	Full	4.40	4.30		4.22	4.73	8.62	9.03	24.00	Pass
HE40	MCS0	1	5965	484/65	5.30	5.20		4.22	4.73	9.52	9.93	24.00	Pass
HE160	MCS0	1	6025	Full	7.70	7.90		4.22	4.73	11.92	12.63	24.00	Pass
HE160	MCS0	1	6025	1992/68	10.40	10.30		4.22	4.73	14.62	15.03	24.00	Pass

TEST RESULTS DATA
EIRP Power Table

FCC Band VII single antenna													
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)		EIRP Power Limit (dBm)	Pass /Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	1	6695	Full	1.10	1.40		2.37	2.74	3.47	4.14	24.00	Pass
HE20	MCS0	1	6695	26/4	-5.00	-6.70		2.37	2.74	-2.63	-3.96	24.00	Pass

TEST RESULTS DATA
EIRP Power Table

Band VIII single antenna													
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)		EIRP Power Limit (dBm)	Pass /Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	1	7115	Full	-2.00	-2.40		2.32	2.30	0.32	-0.10	24.00	Pass
HE20	MCS0	1	7115	26/8	-15.10	-15.10		2.32	2.30	-12.78	-12.80	24.00	Pass
HE20	MCS0	1	7115	242/61	-8.40	-8.20		2.32	2.30	-6.08	-5.90	24.00	Pass
HE40	MCS0	1	7085	Full	4.10	4.10		2.32	2.30	6.42	6.40	24.00	Pass
HE40	MCS0	1	7085	484/65	5.10	5.30		2.32	2.30	7.42	7.60	24.00	Pass

TEST RESULTS DATA
EIRP Power Table

FCC Band V MIMO											
Mod.	Data Rate	NTX	Freq. (MHz)	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
				Ant 1	Ant 2	SUM	Ant 1	Ant 2	SUM		
11a	6Mbps	2	5935	10.40	11.00	13.72	4.73		18.45	30.00	Pass
11a	6Mbps	2	5955	10.40	11.00	13.72	4.73		18.45	30.00	Pass

TEST RESULTS DATA
EIRP Power Table

FCC Band VII MIMO											
Mod.	Data Rate	NTX	Freq. (MHz)	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
				Ant 1	Ant 2	SUM	Ant 1	Ant 2	SUM		
11a	6Mbps	2	6855	10.70	10.20	13.47	2.74		16.21	30.00	Pass

TEST RESULTS DATA
EIRP Power Table

FCC Band V MIMO												
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	SUM		
HE20	MCS0	2	5935	Full	-4.80	-4.80	-1.79	4.73		2.94	30.00	Pass
HE20	MCS0	2	5935	26/0	-14.80	-15.30	-12.03	4.73		-7.30	30.00	Pass
HE20	MCS0	2	5935	242/61	-8.30	-8.10	-5.19	4.73		-0.46	30.00	Pass
HE20	MCS0	2	5955	Full	10.40	11.00	13.72	4.73		18.45	30.00	Pass
HE20	MCS0	2	5955	242/61	9.90	11.10	13.55	4.73		18.28	30.00	Pass
HE40	MCS0	2	5965	Full	10.30	10.80	13.57	4.73		18.30	30.00	Pass
HE40	MCS0	2	5965	484/65	10.30	10.90	13.62	4.73		18.35	30.00	Pass
HE160	MCS0	2	6025	Full	10.60	11.20	13.92	4.73		18.65	30.00	Pass
HE160	MCS0	2	6025	1992/68	10.20	10.90	13.57	4.73		18.30	30.00	Pass

TEST RESULTS DATA
EIRP Power Table

FCC Band VII MIMO												
Mod.	Data Rate	NTX	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	SUM		
HE20	MCS0	2	6695	Full	10.40	11.00	13.72	2.74		16.46	30.00	Pass
HE20	MCS0	2	6695	26/4	9.80	11.20	13.57	2.74		16.31	30.00	Pass
HE20	MCS0	2	6695	242/62	10.40	11.00	13.72	2.74		16.46	30.00	Pass
HE20	MCS0	2	6855	Full	11.00	10.60	13.81	2.74		16.55	30.00	Pass
HE20	MCS0	2	6855	26/8	10.30	11.00	13.67	2.74		16.41	30.00	Pass
HE20	MCS0	2	6855	242/62	10.40	10.30	13.36	2.74		16.10	30.00	Pass
HE40	MCS0	2	6845	Full	10.60	10.20	13.41	2.74		16.15	30.00	Pass
HE40	MCS0	2	6845	484/65	11.00	10.40	13.72	2.74		16.46	30.00	Pass



Appendix B. Radiated Spurious Emission

Test Engineer :	Jesse Wang, Stan Hsieh and Ken Wu	Temperature :	17.9~22.2°C
		Relative Humidity :	53.1~69%

Remark: For Radiated Spurious Emission Test Items, Ant. 1 means Chain 0 (Aux.) and Ant. 2 means Chain 1 (Main).

Band 8 - 6875~7125MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 233 7125MHz													H
													H
													H
													H
													H
													H
	*	7115	90.15	-	-	76.18	35.67	13.74	35.44	100	66	P	V
	*	7115	82.66	-	-	68.69	35.67	13.74	35.44	100	66	A	V
		7125.16	59.13	-29.07	88.2	45.16	35.67	13.74	35.44	100	66	P	V
		7125.02	51.95	-16.25	68.2	37.98	35.67	13.74	35.44	100	66	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 8 - 6875~7125MHz

WIFI 802.11ax HE20 Full (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 233 7125MHz													H
													H
													H
													H
													H
													H
	*	7115	81.53	-	-	67.56	35.67	13.74	35.44	100	64	P	V
	*	7115	72.06	-	-	58.09	35.67	13.74	35.44	100	64	A	V
		7125.02	61.11	-27.09	88.2	47.14	35.67	13.74	35.44	100	64	P	V
		7125.02	57.83	-10.37	68.2	43.86	35.67	13.74	35.44	100	64	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 8 - 6875~7125MHz

WIFI 802.11ax HE20 Partial 26 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 26/8 CH 233 7125MHz													H
													H
													H
													H
													H
													H
	*	7115	77.17	-	-	63.2	35.67	13.74	35.44	100	65	P	V
	*	7115	68.36	-	-	54.39	35.67	13.74	35.44	100	65	A	V
		7125.16	60.43	-27.77	88.2	46.46	35.67	13.74	35.44	100	65	P	V
		7125.02	55.74	-12.46	68.2	41.77	35.67	13.74	35.44	100	65	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 8 - 6875~7125MHz

WIFI 802.11ax HE20 Partial 242 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 242/61 CH 233 7125MHz													H
													H
													H
													H
													H
													H
	*	7115	74.76	-	-	60.79	35.67	13.74	35.44	100	66	P	V
	*	7115	64.78	-	-	50.81	35.67	13.74	35.44	100	66	A	V
		7125.02	54.51	-33.69	88.2	40.54	35.67	13.74	35.44	100	66	P	V
		7125.02	53.9	-14.3	68.2	39.93	35.67	13.74	35.44	100	66	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 8 - 6875~7125MHz

WIFI 802.11ax HE40 Full (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 227 7085MHz	*	7085	86.25	-	-	72.28	35.67	13.74	35.44	106	330	P	H
	*	7085	78.15	-	-	64.18	35.67	13.74	35.44	106	330	A	H
		7164.18	52.45	-35.75	88.2	38.5	35.67	13.73	35.45	106	330	P	H
		7224.66	42.43	-25.77	68.2	28.34	35.77	13.77	35.45	106	330	A	H
													H
													H
	*	7085	91.27	-	-	77.3	35.67	13.74	35.44	100	65	P	V
	*	7085	82.57	-	-	68.6	35.67	13.74	35.44	100	65	A	V
		7197.3	52.56	-35.64	88.2	38.48	35.8	13.73	35.45	100	65	P	V
		7225.38	42.46	-25.74	68.2	28.37	35.77	13.77	35.45	100	65	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 8 - 6875~7125MHz

WIFI 802.11ax HE40 Partial 484 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Partial 484/65 CH 227 7085MHz													H
													H
													H
													H
													H
													H
	*	7085	90.83	-	-	76.86	35.67	13.74	35.44	100	67	P	V
	*	7085	81.64	-	-	67.67	35.67	13.74	35.44	100	67	A	V
		7132.14	53.23	-34.97	88.2	39.3	35.63	13.74	35.44	100	67	P	V
		7214.22	42.51	-25.69	68.2	28.44	35.77	13.75	35.45	100	67	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 5 - 5925~6425MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 01 5955MHz													H
													H
													H
													H
													H
													H
		5888.56	50.62	-37.58	88.2	38.37	34.9	12.54	35.19	100	274	P	V
		5924.96	40.7	-27.5	68.2	28.37	34.97	12.56	35.2	100	274	A	V
	*	5955	76.58	-	-	64.2	35	12.58	35.2	100	274	P	V
	*	5955	68.98	-	-	56.6	35	12.58	35.2	100	274	A	V
													V
													V
802.11a CH 02 5935MHz													H
													H
													H
													H
													H
													H
		5924.96	60.34	-27.86	88.2	48.01	34.97	12.56	35.2	100	274	P	V
		5924.96	49.88	-18.32	68.2	37.55	34.97	12.56	35.2	100	274	A	V
	*	5935	86.86	-	-	74.52	34.97	12.57	35.2	100	274	P	V
	*	5935	79.7	-	-	67.36	34.97	12.57	35.2	100	274	A	V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												



Band 5 5925~6425MHz

WIFI 802.11ax HE20 Full (Band Edge @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 01 5955MHz													H
													H
													H
													H
													H
													H
		5923.84	52.47	-35.73	88.2	40.14	34.97	12.56	35.2	100	274	P	V
		5924.12	40.67	-27.53	68.2	28.34	34.97	12.56	35.2	100	274	A	V
	*	5955	82.82	-	-	70.44	35	12.58	35.2	100	274	P	V
	*	5955	73.78	-	-	61.4	35	12.58	35.2	100	274	A	V
802.11ax HE20 Full CH 02 5935MHz													V
													V
													H
													H
													H
													H
		5924.82	60.48	-27.72	88.2	48.15	34.97	12.56	35.2	100	275	P	V
		5924.96	53.84	-14.36	68.2	41.51	34.97	12.56	35.2	100	275	A	V
	*	5935	77.37	-	-	65.03	34.97	12.57	35.2	100	275	P	V
	*	5935	68.43	-	-	56.09	34.97	12.57	35.2	100	275	A	V
Remark													V
													V

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.



Band 5 5925~6425MHz

WIFI 802.11ax HE20 Partial 26 (Band Edge @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 26/0 CH 02 5935MHz													H
													H
													H
													H
													H
													H
		5924.96	60.65	-27.55	88.2	48.32	34.97	12.56	35.2	100	298	P	V
		5924.96	54.78	-13.42	68.2	42.45	34.97	12.56	35.2	100	298	A	V
	*	5935	76.02	-	-	63.68	34.97	12.57	35.2	100	298	P	V
	*	5935	68.43	-	-	56.09	34.97	12.57	35.2	100	298	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 5 5925~6425MHz

WIFI 802.11ax HE20 Partial 242 (Band Edge @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 242/61 CH 01 5955MHz													H
													H
													H
													H
													H
													H
		5866.58	49.74	-38.46	88.2	37.51	34.9	12.52	35.19	100	274	P	V
		5922.58	40.68	-27.52	68.2	28.35	34.97	12.56	35.2	100	274	A	V
	*	5955	82.09	-	-	69.71	35	12.58	35.2	100	274	P	V
	*	5955	72.88	-	-	60.5	35	12.58	35.2	100	274	A	V
802.11ax HE20 Partial 242/61 CH 02 5935MHz													V
													V
													H
													H
													H
													H
													H
		5924.96	57.27	-30.93	88.2	44.94	34.97	12.56	35.2	100	274	P	V
		5924.96	53.11	-15.09	68.2	40.78	34.97	12.56	35.2	100	274	A	V
	*	5935	73.1	-	-	60.76	34.97	12.57	35.2	100	274	P	V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												



Band 5 5925~6425MHz

WIFI 802.11ax HE40 Full (Band Edge @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 03 5965MHz													H
													H
													H
													H
													H
													H
		5908.5	50.34	-37.86	88.2	38.05	34.93	12.55	35.19	100	275	P	V
		5925	40.68	-27.52	68.2	28.35	34.97	12.56	35.2	100	275	A	V
	*	5965	78.95	-	-	66.57	35	12.59	35.21	100	275	P	V
	*	5965	69.88	-	-	57.5	35	12.59	35.21	100	275	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 5 5925~6425MHz

WIFI 802.11ax HE40 Partial 484 (Band Edge @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Partial 484/65 CH 03 5965MHz													H
													H
													H
													H
													H
													H
		5915.7	50.52	-37.68	88.2	38.23	34.93	12.56	35.2	100	274	P	V
		5920.38	40.68	-27.52	68.2	28.39	34.93	12.56	35.2	100	274	A	V
	*	5965	77.78	-	-	65.4	35	12.59	35.21	100	274	P	V
	*	5965	68.98	-	-	56.6	35	12.59	35.21	100	274	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 5 5925~6425MHz

WIFI 802.11ax HE160 Full (Band Edge @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 Full CH 15 6025MHz													H
													H
													H
													H
													H
													H
		5920.68	50.89	-37.31	88.2	38.6	34.93	12.56	35.2	100	274	P	V
		5923.24	40.68	-27.52	68.2	28.35	34.97	12.56	35.2	100	274	A	V
	*	6025	77.82	-	-	65.2	35.2	12.64	35.22	100	274	P	V
	*	6025	68.46	-	-	55.84	35.2	12.64	35.22	100	274	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 5 5925~6425MHz

WIFI 802.11ax HE160 Partial 1992 (Band Edge @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 Partial 1992/68 CH 15 6025MHz													H
													H
													H
													H
													H
													H
		5819.88	50.17	-38.03	88.2	37.99	34.87	12.49	35.18	100	276	P	V
		5923.88	40.7	-27.5	68.2	28.37	34.97	12.56	35.2	100	276	A	V
	*	6025	79.77	-	-	67.15	35.2	12.64	35.22	100	276	P	V
	*	6025	70.32	-	-	57.7	35.2	12.64	35.22	100	276	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 7 - 6525~6875MHz
WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 149 6695MHz		13390	44.46	-29.54	74	43.19	38.9	20.6	58.23	-	-	P	H
		20085	34	-40	74	51.03	37.76	5.31	60.1	-	-	P	H
													H
													H
													H
													H
													H
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													H
													H
													H
													H
		13390	45.4	-28.6	74	44.13	38.9	20.6	58.23	-	-	P	V
		20085	33.16	-40.84	74	50.19	37.76	5.31	60.1	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
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													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.												

Band 7 - 6525~6875MHz

WIFI 802.11ax HE20 Partial 26 (Band Edge @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 26/4 CH 149 6695MHz		13390	44.92	-29.08	74	43.65	38.9	20.6	58.23	-	-	P	H
		20085	34.69	-39.31	74	51.72	37.76	5.31	60.1	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		13390	45.04	-28.96	74	43.77	38.9	20.6	58.23	-	-	P	V
		20085	33.58	-40.42	74	50.61	37.76	5.31	60.1	-	-	P	V
													V
													V
													V
													V
													V
													V
												V	
												V	
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Band 5 - 5925~6425MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 02 5935MHz													H
													H
													H
													H
													H
													H
		5924.82	58.84	-29.36	88.2	46.43	35.05	12.56	35.2	100	274	P	V
		5924.96	53.49	-14.71	68.2	41.08	35.05	12.56	35.2	100	274	A	V
	*	5935	93.67	-	-	81.23	35.07	12.57	35.2	100	274	P	V
	*	5935	86.4	-	-	73.96	35.07	12.57	35.2	100	274	A	V
													V
													V
802.11a CH 01 5955MHz													H
													H
													H
													H
													H
													H
		5923.56	61.98	-26.22	88.2	49.57	35.05	12.56	35.2	100	288	P	V
		5924.96	53.18	-15.02	68.2	40.77	35.05	12.56	35.2	100	288	A	V
	*	5955	106.16	-	-	93.67	35.11	12.58	35.2	100	288	P	V
	*	5955	98.45	-	-	85.96	35.11	12.58	35.2	100	288	A	V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												



Band 5 5925~6425MHz

WIFI 802.11ax HE20 Full (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 02 5935MHz													H
													H
													H
													H
													H
													H
		5924.96	66.12	-22.08	88.2	53.71	35.05	12.56	35.2	100	276	P	V
		5924.96	62.57	-5.63	68.2	50.16	35.05	12.56	35.2	100	276	A	V
	*	5935	89.74	-	-	77.3	35.07	12.57	35.2	100	276	P	V
	*	5935	80.39	-	-	67.95	35.07	12.57	35.2	100	276	A	V
802.11ax HE20 Full CH 01 5955MHz													V
													V
													H
													H
													H
													H
		5830.74	49.9	-38.3	88.2	37.78	34.8	12.5	35.18	100	278	P	V
		5914.88	41.75	-26.45	68.2	29.37	35.03	12.55	35.2	100	278	A	V
	*	5955	90.94	-	-	78.45	35.11	12.58	35.2	100	278	P	V
	*	5955	82.17	-	-	69.68	35.11	12.58	35.2	100	278	A	V
Remark													V
													V

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.

**Band 5 5925~6425MHz****WIFI 802.11ax HE20 Partial 26 (Band Edge @ 3m)**

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 26/0 CH 02 5935MHz													H
													H
													H
													H
													H
		5924.96	70.6	-17.6	88.2	58.19	35.05	12.56	35.2	108	74	P	H
		5924.96	61.63	-6.57	68.2	49.22	35.05	12.56	35.2	108	74	A	V
	*	5935	85.35	-	-	72.91	35.07	12.57	35.2	108	74	P	V
	*	5935	77.24	-	-	64.8	35.07	12.57	35.2	108	74	A	V
													V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												



Band 5 5925~6425MHz

WIFI 802.11ax HE20 Partial 242 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 242/61 CH 02 5935MHz													H
													H
													H
													H
													H
													H
		5924.96	55.53	-32.67	88.2	43.12	35.05	12.56	35.2	100	286	P	V
		5924.96	48.65	-19.55	68.2	36.24	35.05	12.56	35.2	100	286	A	V
	*	5935	86.14	-	-	73.7	35.07	12.57	35.2	100	286	P	V
	*	5935	75.74	-	-	63.3	35.07	12.57	35.2	100	286	A	V
802.11ax HE20 Partial 242/61 CH 01 5955MHz													V
													V
													H
													H
													H
													H
		5883.94	50.07	-38.13	88.2	37.79	34.94	12.53	35.19	100	279	P	V
		5921.6	41.54	-26.66	68.2	29.14	35.04	12.56	35.2	100	279	A	V
	*	5955	87.76	-	-	75.27	35.11	12.58	35.2	100	279	P	V
	*	5955	79.19	-	-	66.7	35.11	12.58	35.2	100	279	A	V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												

**Band 5 5925~6425MHz****WIFI 802.11ax HE40 Full (Band Edge @ 3m)**

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 03 5965MHz													H
													H
													H
													H
													H
													H
		5911.2	51.09	-37.11	88.2	38.72	35.02	12.55	35.2	100	278	P	V
		5913	41.74	-26.46	68.2	29.36	35.03	12.55	35.2	100	278	A	V
	*	5965	88.09	-	-	75.58	35.13	12.59	35.21	100	278	P	V
	*	5965	79.63	-	-	67.12	35.13	12.59	35.21	100	278	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 5 5925~6425MHz

WIFI 802.11ax HE40 Partial 484 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Partial 484/65 CH 03 5965MHz													H
													H
													H
													H
													H
													H
		5915.7	50.54	-37.66	88.2	38.15	35.03	12.56	35.2	100	280	P	V
		5917.14	41.62	-26.58	68.2	29.23	35.03	12.56	35.2	100	280	A	V
	*	5965	86.67	-	-	74.16	35.13	12.59	35.21	100	280	P	V
	*	5965	78.11	-	-	65.6	35.13	12.59	35.21	100	280	A	V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												



Band 5 5925~6425MHz

WIFI 802.11ax HE160 Full (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 Full CH 15 6025MHz													H
													H
													H
													H
													H
													H
		5852.52	51.12	-37.08	88.2	38.98	34.81	12.51	35.18	102	290	P	V
		5917.8	41.98	-26.22	68.2	29.58	35.04	12.56	35.2	102	290	A	V
	*	6025	84.87	-	-	72.1	35.35	12.64	35.22	102	290	P	V
	*	6025	77.27	-	-	64.5	35.35	12.64	35.22	102	290	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 5 5925~6425MHz

WIFI 802.11ax HE160 Partial 1992 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 Partial 1992/68 CH 15 6025MHz													H
													H
													H
													H
													H
													H
		5849.96	51.21	-36.99	88.2	39.08	34.8	12.51	35.18	100	291	P	V
		5912.36	42.23	-25.97	68.2	29.86	35.02	12.55	35.2	100	291	A	V
	*	6025	84.03	-	-	71.26	35.35	12.64	35.22	100	291	P	V
	*	6025	76.77	-	-	64	35.35	12.64	35.22	100	291	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 7 - 6525~6875MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 181 6855MHz													H
													H
													H
													H
													H
													H
	*	6855	92.39	-	-	78.15	36.09	13.56	35.41	100	10	P	V
	*	6855	85.13	-	-	70.89	36.09	13.56	35.41	100	10	A	V
		7215.4	52.55	-35.65	88.2	38.08	36.17	13.75	35.45	100	10	P	V
		7191.4	44.1	-24.1	68.2	29.65	36.17	13.73	35.45	100	10	A	V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												

**Band 7 - 6525~6875MHz****WIFI 802.11ax HE20 Full (Band Edge @ 3m)**

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 181 6855MHz													H
													H
													H
													H
													H
													H
	*	6855	93.24	-	-	79	36.09	13.56	35.41	100	3	P	V
	*	6855	83.71	-	-	69.47	36.09	13.56	35.41	100	3	A	V
		7157.8	53.31	-34.89	88.2	38.99	36.03	13.73	35.44	100	3	P	V
		7193.4	43.66	-24.54	68.2	29.21	36.17	13.73	35.45	100	3	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 7 - 6525~6875MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

[illegible]



Band 7 - 6525~6875MHz
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 179 6845MHz													H
													H
													H
													H
													H
													H
	*	6845	90.77	-	-	76.52	36.11	13.55	35.41	100	3	P	V
	*	6845	81.69	-	-	67.44	36.11	13.55	35.41	100	3	A	V
		7200.2	52.89	-35.31	88.2	38.41	36.2	13.73	35.45	100	3	P	V
		7224.2	43.7	-24.5	68.2	29.23	36.15	13.77	35.45	100	3	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 7 - 6525~6875MHz

WIFI 802.11ax HE20 Partial 26 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 26/8 CH 181 6855MHz													H
													H
													H
													H
													H
													H
	*	6855	100.09	-	-	85.85	36.09	13.56	35.41	100	65	P	V
	*	6855	91.54	-	-	77.3	36.09	13.56	35.41	100	65	A	V
		7181.8	52.06	-36.14	88.2	37.65	36.13	13.73	35.45	100	65	P	V
		7223.4	43.44	-24.76	68.2	28.97	36.15	13.77	35.45	100	65	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 7 - 6525~6875MHz

WIFI 802.11ax HE20 Partial 26 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 26/4 CH 149 6695MHz													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		13390	44.71	-29.29	74	43.03	39.31	20.6	58.23	-	-	P	V
		20085	36.48	-37.52	74	53.63	37.64	5.31	60.1	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													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.												

**Band 7 - 6525~6875MHz****WIFI 802.11ax HE20 Partial 242 (Band Edge @ 3m)**

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 242/61 CH 181 6855MHz													H
													H
													H
													H
													H
													H
	*	6855	91.84	-	-	77.6	36.09	13.56	35.41	103	9	P	V
	*	6855	82.74	-	-	68.5	36.09	13.56	35.41	103	9	A	V
		7195	52.71	-35.49	88.2	38.25	36.18	13.73	35.45	103	9	P	V
		7207.4	43.64	-24.56	68.2	29.16	36.19	13.74	35.45	103	9	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 7 - 6525~6875MHz

WIFI 802.11ax HE20 Partial 242 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 242/61 CH 149 6695MHz													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		13390	44.3	-29.7	74	42.62	39.31	20.6	58.23	-	-	P	V
		20085	37.29	-36.71	74	54.44	37.64	5.31	60.1	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													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.												



Band 7 - 6525~6875MHz

WIFI 802.11ax HE40 Partial 484 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Partial 484/65 CH 179 6845MHz													H
													H
													H
													H
													H
													H
	*	6845	86.71	-	-	72.46	36.11	13.55	35.41	100	65	P	V
	*	6845	78.95	-	-	64.7	36.11	13.55	35.41	100	65	A	V
		7191.4	53.23	-34.97	88.2	38.78	36.17	13.73	35.45	100	65	P	V
		7205	43.62	-24.58	68.2	29.14	36.19	13.74	35.45	100	65	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Note symbol

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

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

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

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

For Peak Limit @ 2390MHz:

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

For Average Limit @ 2390MHz:

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

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



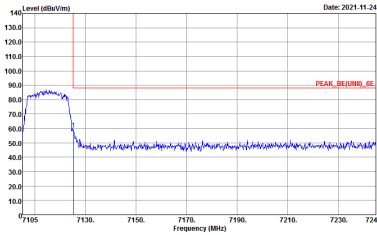
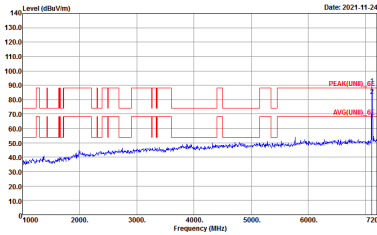
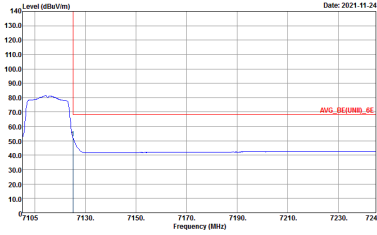
Appendix C. Radiated Spurious Emission

Test Engineer :	Jesse Wang, Stan Hsieh and Ken Wu	Temperature :	17.9~22.2°C
		Relative Humidity :	53.1~69%

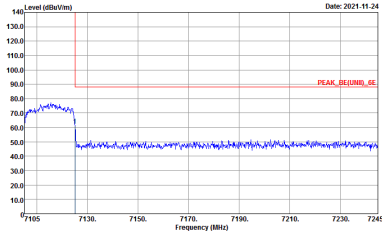
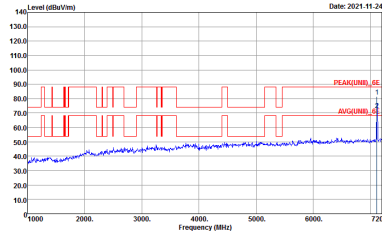
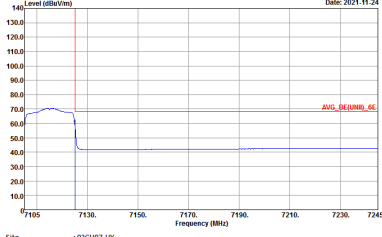
Remark: For Radiated Spurious Emission Test Items, Ant. 1 means Chain 0 (Aux.) and Ant. 2 means Chain 1 (Main).



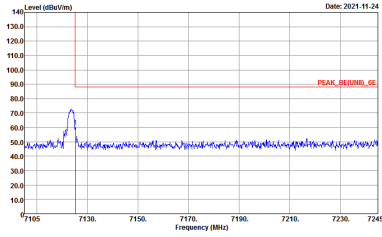
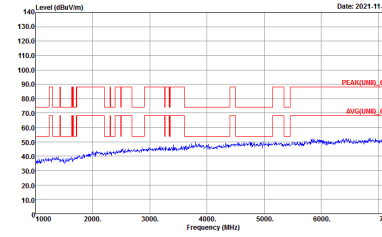
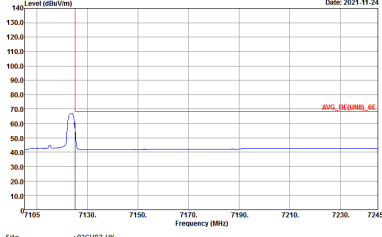
Band 8 - 6875~7125MHz
WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 8 6875~7125MHz Band Edge @ 3m	
ANT	802.11a CH233 7125MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE[UNII]_GE 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 101343 Mode : 29	 Site : 03CH07-HY Condition : PEAK[UNII]_GE 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 101343 Mode : 29
Avg.	 Site : 03CH07-HY Condition : AVG_BE[UNII]_GE 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 101343 Mode : 29	Left blank

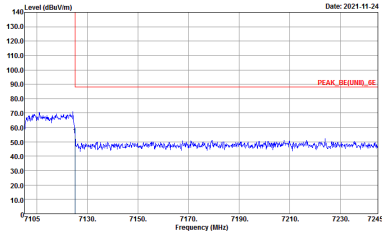
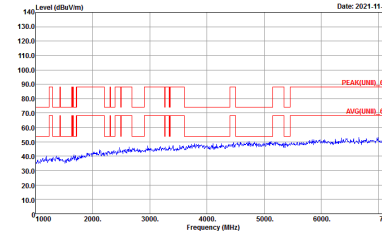
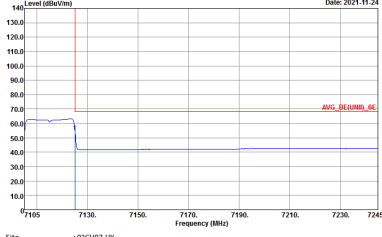
Band 8 - 6875~7125MHz
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

WIFI	Band 8 6875~7125MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH233 7125MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE[UNII]_SE 3m HP_ANT_00075962 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 101343 Mode : 32	 Site : 03CH07-HY Condition : PEAK[UNII]_SE 3m HP_ANT_00075962 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 101343 Mode : 32
Avg.	 Site : 03CH07-HY Condition : AVG_BE[UNII]_SE 3m HP_ANT_00075962 VERTICAL RBW:1000.000kHz VBW:0.010kHz SWT:Auto Detector : Peak Project : 101343 Mode : 32	Left blank

Band 8 - 6875~7125MHz
WIFI 802.11ax HE20 Partial 26 (Band Edge @ 3m)

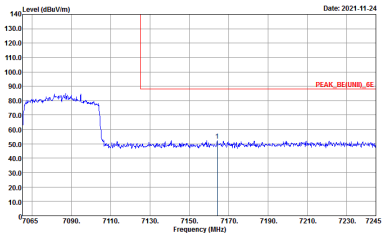
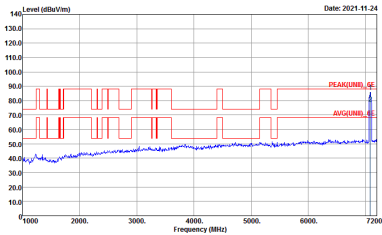
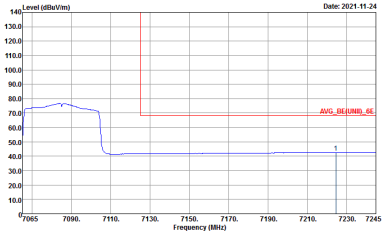
WIFI	Band 8 6875~7125MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 26/8 CH233 7125MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE(UNB)_GE 3m HP_ANT_00075962 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 101343 Mode : 5B	 Site : 03CH07-HY Condition : PEAK(UNB)_GE 3m HP_ANT_00075962 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 101343 Mode : 5B
Avg.	 Site : 03CH07-HY Condition : AVG_BE(UNB)_GE 3m HP_ANT_00075962 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 101343 Mode : 5B	Left blank

Band 8 - 6875~7125MHz
WIFI 802.11ax HE20 Partial 242 (Band Edge @ 3m)

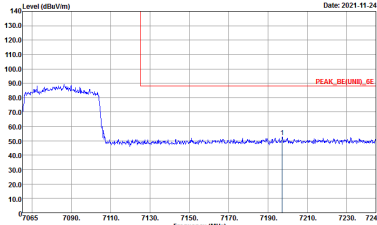
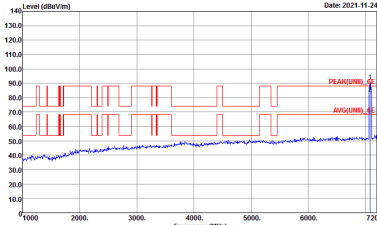
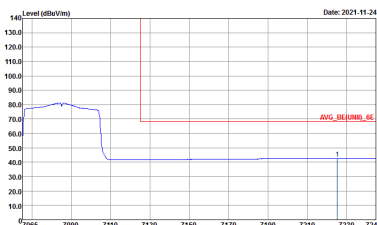
WIFI	Band 8 6875~7125MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 242/61 CH233 7125MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE(UNII)_SE 3m HP_ANT_00075962 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 101343 Mode : 61	 Site : 03CH07-HY Condition : PEAK(UNII)_SE 3m HP_ANT_00075962 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 101343 Mode : 61
Avg.	 Site : 03CH07-HY Condition : AVG_BE(UNII)_SE 3m HP_ANT_00075962 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 101343 Mode : 61	Left blank



Band 8 - 6875~7125MHz
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

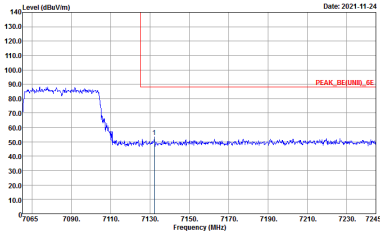
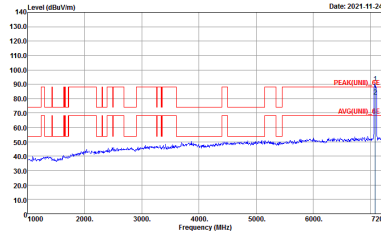
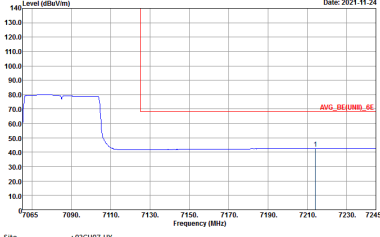
WIFI	Band 8 6875~7125MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH227 7085MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE[UNII]_SE 3m HP_ANT_00075962 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 101343 Mode : 34	 Site : 03CH07-HY Condition : PEAK[UNII]_SE 3m HP_ANT_00075962 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 101343 Mode : 34
Avg.	 Site : 03CH07-HY Condition : AVG_BE[UNII]_SE 3m HP_ANT_00075962 HORIZONTAL RBW:1000.000kHz VBW:0.010kHz SWT:Auto Detector : Peak Project : 101343 Mode : 34	Left blank



WIFI	Band 8 6875~7125MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH227 7085MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE(UNII)_6E 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 101343 Mode : 34	 Site : 03CH07-HY Condition : PEAK(UNII)_6E 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 101343 Mode : 34
Avg.	 Site : 03CH07-HY Condition : AVG_BE(UNII)_6E 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 101343 Mode : 34	Left blank

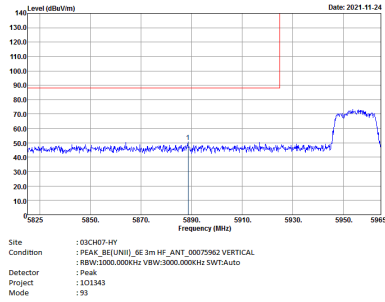
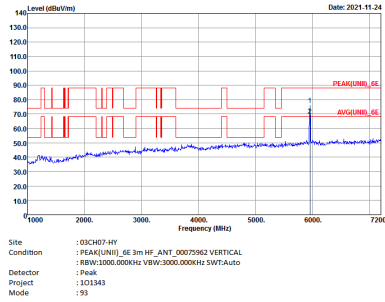
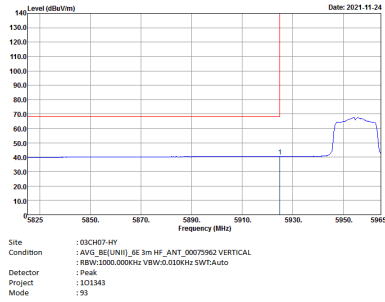


Band 8 - 6875~7125MHz
WIFI 802.11ax HE40 Partial 484 (Band Edge @ 3m)

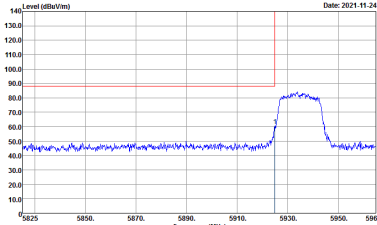
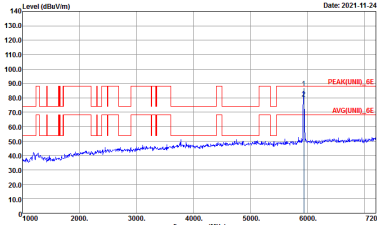
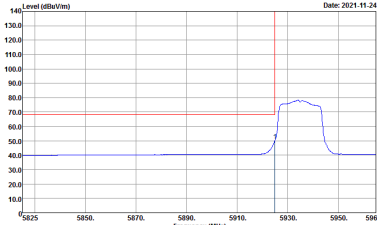
WIFI	Band 8 6875~7125MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 484/65 CH227 7085MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE[UNII]_6E 3m HP_ANT_00075962 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 101343 Mode : 63	 Site : 03CH07-HY Condition : PEAK_F[UNII]_6E 3m HP_ANT_00075962 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 101343 Mode : 63
Avg.	 Site : 03CH07-HY Condition : AVG_BE[UNII]_6E 3m HP_ANT_00075962 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 101343 Mode : 63	Left blank



Band 5 - 5925~6425MHz
WIFI 802.11a (Band Edge @ 3m)

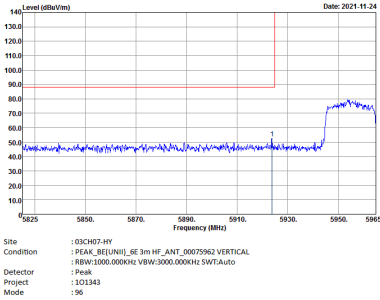
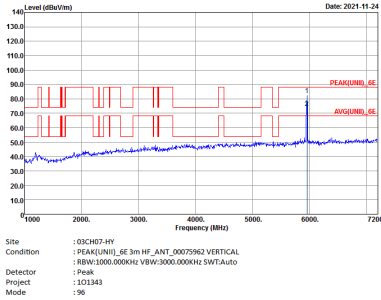
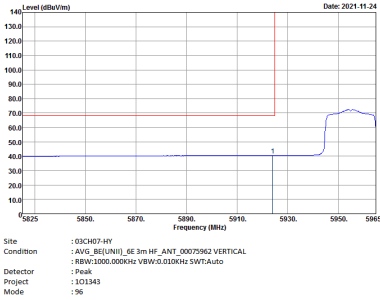
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11a CH01 5955MHz	
2	Vertical	Fundamental
Peak		
Avg.		Left blank



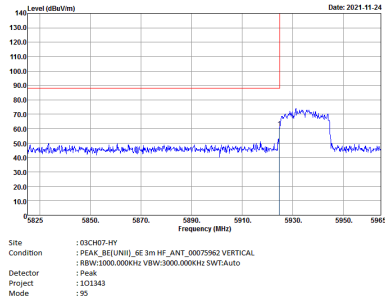
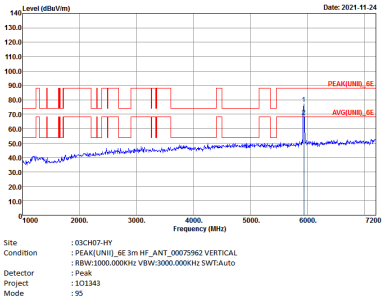
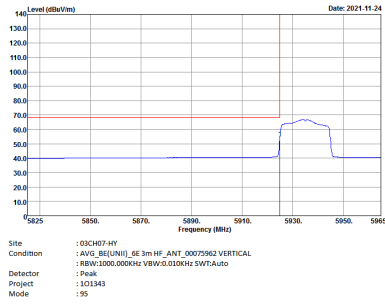
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11a CH02 5935MHz	
2	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE[UNII]_SE 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 101343 Mode : 52	 Site : 03CH07-HY Condition : PEAK[UNII]_SE 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 101343 Mode : 52
Avg.	 Site : 03CH07-HY Condition : AVG_BE[UNII]_SE 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 101343 Mode : 52	Left blank



Band 5 5925~6425MHz
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

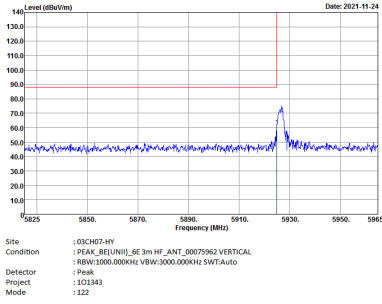
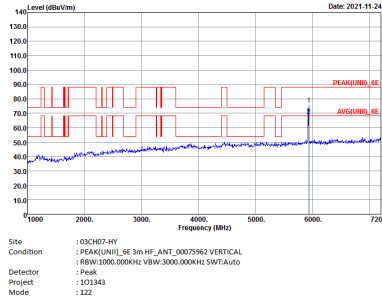
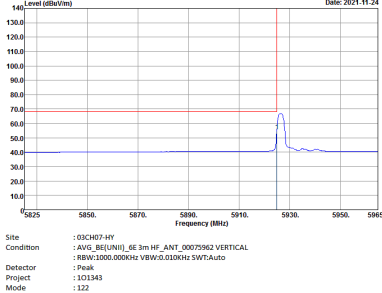
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH01 5955MHz	
2	Vertical	Fundamental
Peak		
Avg.		Left blank



WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH02 5935MHz	
2	Vertical	Fundamental
Peak		
Avg.		Left blank

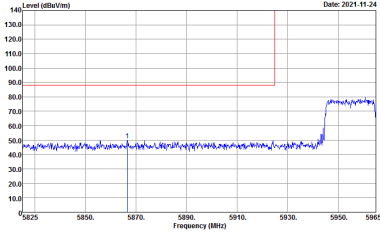
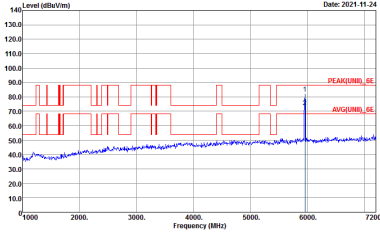
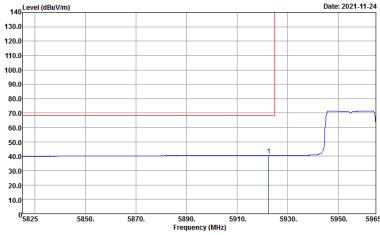


Band 5 5925~6425MHz
WIFI 802.11ax HE20 Partial 26 (Band Edge @ 3m)

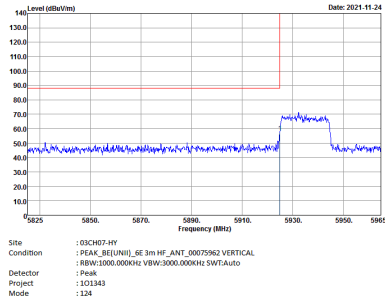
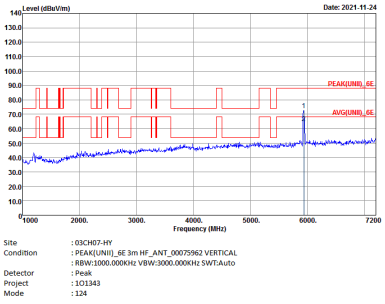
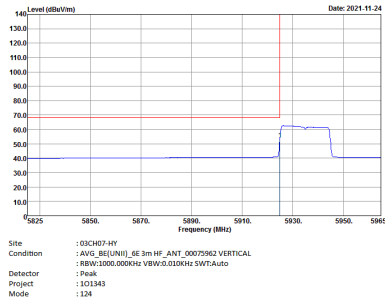
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 26/0 CH02 5935MHz	
2	Vertical	Fundamental
Peak		
Avg.		Left blank



Band 5 5925~6425MHz
WIFI 802.11ax HE20 Partial 242 (Band Edge @ 3m)

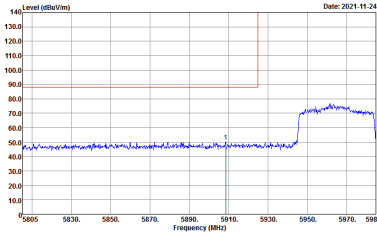
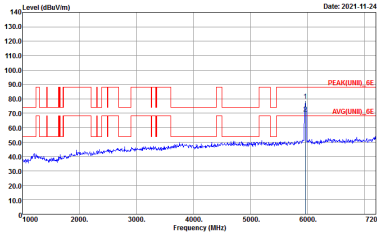
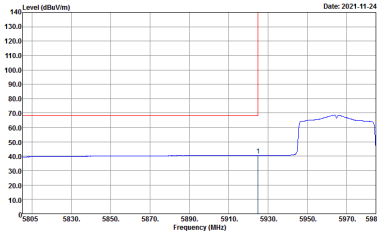
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 242/61 CH01 5955MHz	
2	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE[UNII]_SE 3m HF_ANT_00075962 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 101343 Mode : 125	 Site : 03CH07-HY Condition : PEAK[UNII]_SE 3m HF_ANT_00075962 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 101343 Mode : 125
Avg.	 Site : 03CH07-HY Condition : AVG_BE[UNII]_SE 3m HF_ANT_00075962 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 101343 Mode : 125	Left blank



WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 242/61 CH02 5935MHz	
2	Vertical	Fundamental
Peak		
Avg.		Left blank

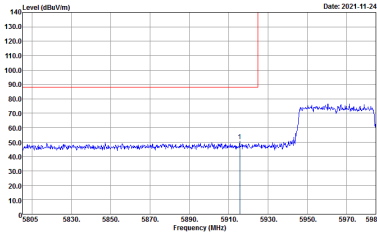
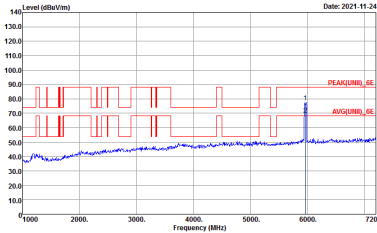
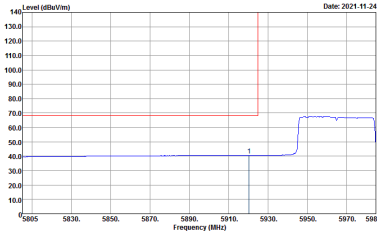


Band 5 5925~6425MHz
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH03 5965MHz	
2	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE[UNII]_SE 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 101343 Mode : 98	 Site : 03CH07-HY Condition : PEAK[UNII]_SE 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 101343 Mode : 98
Avg.	 Site : 03CH07-HY Condition : AVG_BE[UNII]_SE 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 101343 Mode : 98	Left blank

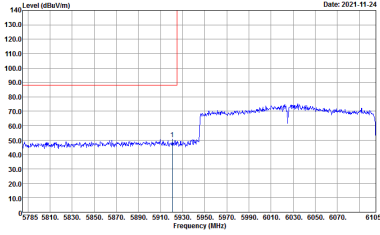
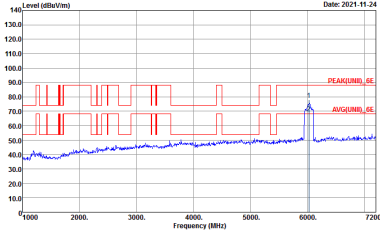
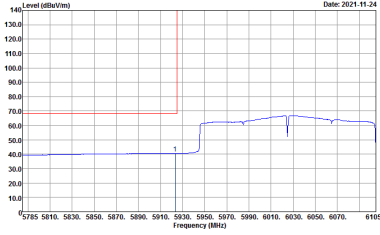


Band 5 5925~6425MHz
WIFI 802.11ax HE40 Partial 484 (Band Edge @ 3m)

WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 484/65 CH03 5965MHz	
2	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE[UNII]_SE 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 101343 Mode : 127	 Site : 03CH07-HY Condition : PEAK[UNII]_SE 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 101343 Mode : 127
Avg.	 Site : 03CH07-HY Condition : AVG_BE[UNII]_SE 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 101343 Mode : 127	Left blank

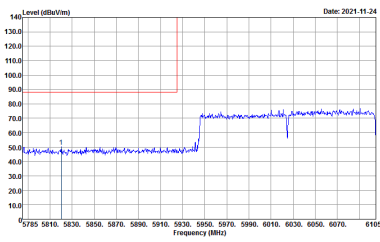
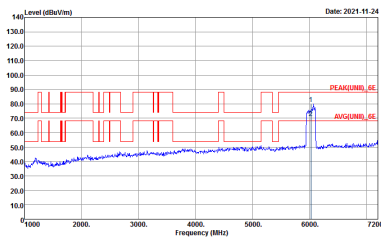
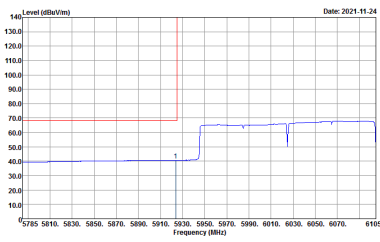


Band 5 5925~6425MHz
WIFI 802.11ax HE160 Full (Band Edge @ 3m)

WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE160 Full CH15 6025MHz	
2	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE[UNII]_SE 3m HF_ANT_00075962 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 101343 Mode : 100	 Site : 03CH07-HY Condition : PEAK[UNII]_SE 3m HF_ANT_00075962 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 101343 Mode : 100
Avg.	 Site : 03CH07-HY Condition : AVG_BE[UNII]_SE 3m HF_ANT_00075962 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 101343 Mode : 100	Left blank

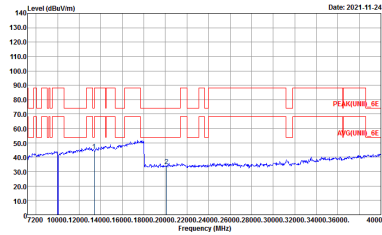
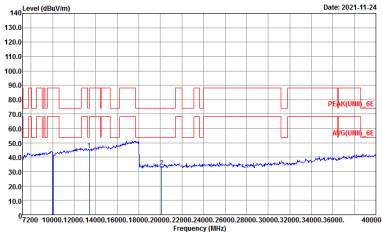


Band 5 5925~6425MHz
WIFI 802.11ax HE160 Partial 1992 (Band Edge @ 3m)

WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE160 Partial 1992/68 CH15 6025MHz	
2	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE[UNII]_SE 3m HF_ANT_00075962 VERTICAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Project : 101343 Mode : 129	 Site : 03CH07-HY Condition : PEAK[UNII]_SE 3m HF_ANT_00075962 VERTICAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Project : 101343 Mode : 129
Avg.	 Site : 03CH07-HY Condition : AVG_BE[UNII]_SE 3m HF_ANT_00075962 VERTICAL Detector : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Project : 101343 Mode : 129	Left blank



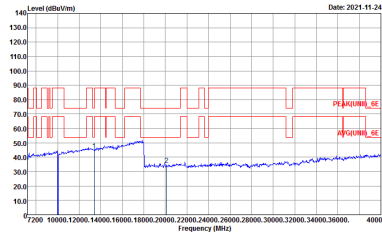
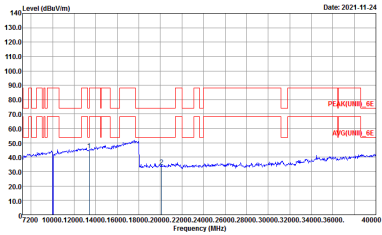
Band 7 - 6525~6875MHz
WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH149 6695MHz	
2	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-40Y Condition : PEAK(UNIT)_6E 1m SHF-EHF_91.70251 HORIZONTAL Detector : Peak Project : 101343 Mode : 101	 Site : 03CH07-40Y Condition : PEAK(UNIT)_6E 1m SHF-EHF_91.70251 VERTICAL Detector : Peak Project : 101343 Mode : 101



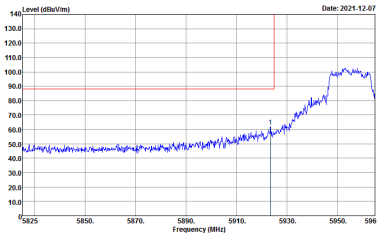
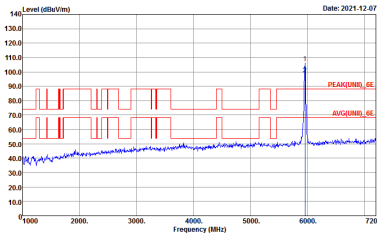
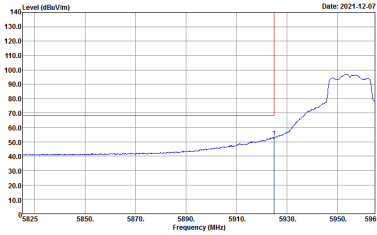
Band 7 - 6525~6875MHz

WIFI 802.11ax HE20 Partial 26 (Band Edge @ 3m)

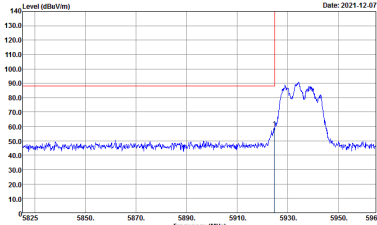
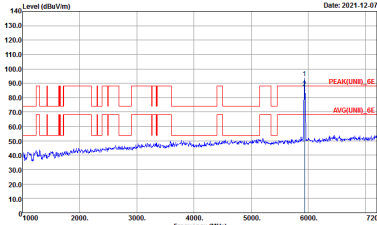
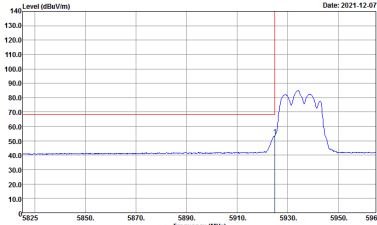
WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11ax HE20 Partial 26/4 CH149 6695MHz	
2	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-40Y Condition : PEAK(UNIT)_6E 1m SHF-EHF_91.70251 HORIZONTAL Detector : Peak Project : 101343 Mode : 130	 Site : 03CH07-40Y Condition : PEAK(UNIT)_6E 1m SHF-EHF_91.70251 VERTICAL Detector : Peak Project : 101343 Mode : 130



Band 5 - 5925~6425MHz
WIFI 802.11a (Band Edge @ 3m)

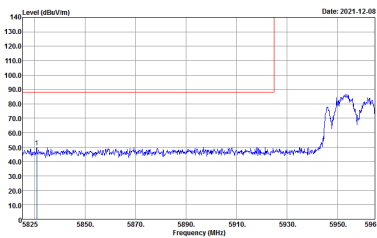
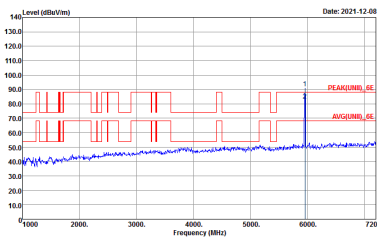
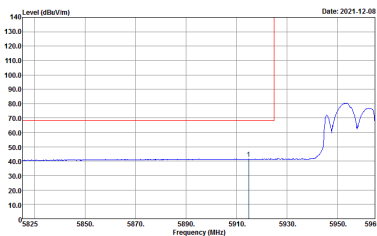
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11a CH01 5955MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE[UNII]_6E 3m HF_ANT_0006084 VERTICAL Detector : Peak Project : 101343 Mode : 132	 Site : 03CH07-HY Condition : PEAK_BE[UNII]_6E 3m HF_ANT_0006084 VERTICAL Detector : Peak Project : 101343 Mode : 132
Avg.	 Site : 03CH07-HY Condition : AVG_BE[UNII]_6E 3m HF_ANT_0006084 VERTICAL Detector : Peak Project : 101343 Mode : 132	Left blank



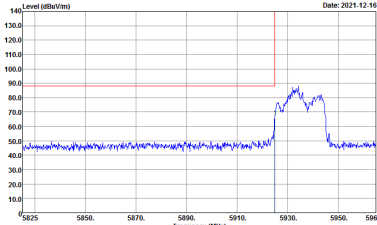
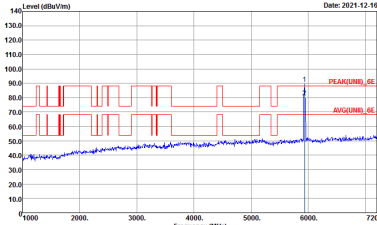
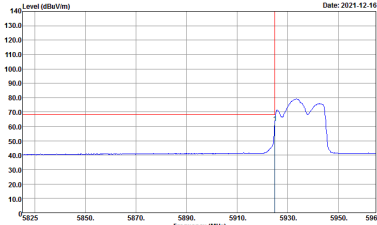
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11a CH02 5935MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE[UNII]_6E 3m HF_ANT_00066084 VERTICAL Detector : Peak Project : 101343 Mode : 131	 Site : 03CH07-HY Condition : PEAK[UNII]_6E 3m HF_ANT_00066084 VERTICAL Detector : Peak Project : 101343 Mode : 131
Avg.	 Site : 03CH07-HY Condition : AVG_BE[UNII]_6E 3m HF_ANT_00066084 VERTICAL Detector : Peak Project : 101343 Mode : 131	Left blank



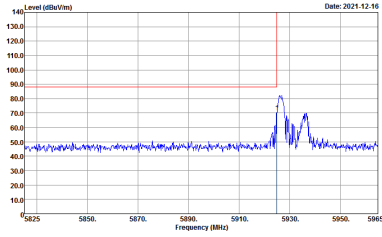
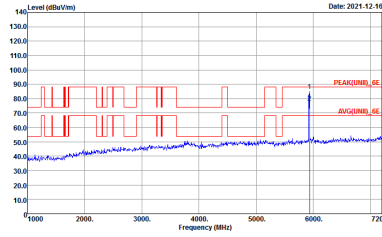
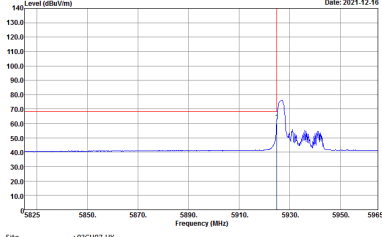
Band 5 5925~6425MHz
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH01 5955MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE[UNII]_SE 3m HF_ANT_00066584 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 101343 Mode : 135	 Site : 03CH07-HY Condition : PEAK_F[UNII]_SE 3m HF_ANT_00066584 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 101343 Mode : 135
Avg.	 Site : 03CH07-HY Condition : AVG_BE[UNII]_SE 3m HF_ANT_00066584 VERTICAL RBW:1000.000kHz VBW:3.000kHz SWT:Auto Detector : Peak Project : 101343 Mode : 135	Left blank



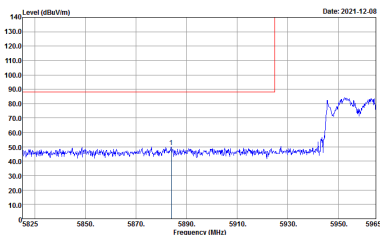
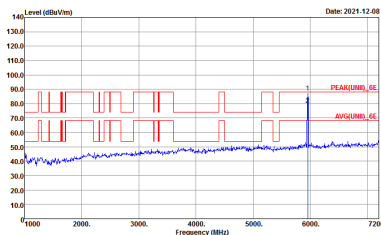
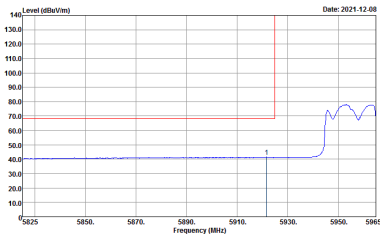
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH02 5935MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE[UNII]_6E 3m HF_ANT_00066084 VERTICAL Detector : Peak Project : 101343 Mode : 134	 Site : 03CH07-HY Condition : PEAK[UNII]_6E 3m HF_ANT_00066084 VERTICAL Detector : Peak Project : 101343 Mode : 134
Avg.	 Site : 03CH07-HY Condition : AVG_BE[UNII]_6E 3m HF_ANT_00066084 VERTICAL Detector : Peak Project : 101343 Mode : 134	Left blank

Band 5 5925~6425MHz
WIFI 802.11ax HE20 Partial 26 (Band Edge @ 3m)

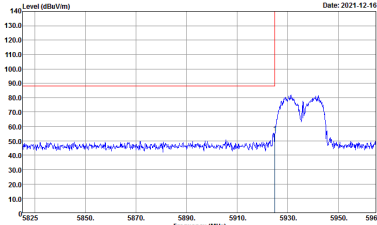
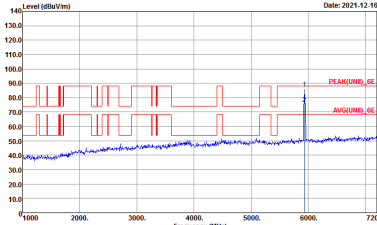
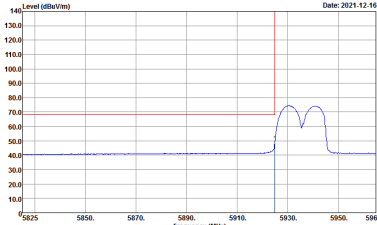
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 26/0 CH02 5935MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE[UNII]_SE 3m HP_ANT_00066584 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 101343 Mode : 141	 Site : 03CH07-HY Condition : PEAK_F[UNII]_SE 3m HP_ANT_00066584 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 101343 Mode : 141
Avg.	 Site : 03CH07-HY Condition : AVG_BE[UNII]_SE 3m HP_ANT_00066584 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 101343 Mode : 141	Left blank



Band 5 5925~6425MHz
WIFI 802.11ax HE20 Partial 242 (Band Edge @ 3m)

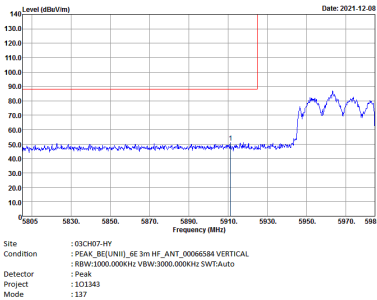
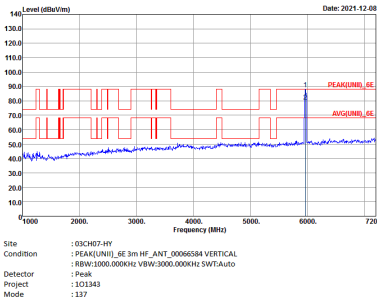
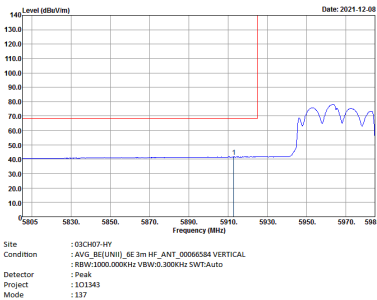
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 242/61 CH01 5955MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE[UNII]_SE 3m HP_ANT_00066584 VERTICAL Detector : Peak Project : 101343 Mode : 144	 Site : 03CH07-HY Condition : PEAK_BE[UNII]_SE 3m HP_ANT_00066584 VERTICAL Detector : Peak Project : 101343 Mode : 144
Avg.	 Site : 03CH07-HY Condition : AVG_BE[UNII]_SE 3m HP_ANT_00066584 VERTICAL Detector : Peak Project : 101343 Mode : 144	Left blank



WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 242/61 CH02 5935MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE[UNII]_6E 3m HF_ANT_0006084 VERTICAL Detector : Peak Project : 101343 Mode : 143	 Site : 03CH07-HY Condition : PEAK[UNII]_6E 3m HF_ANT_0006084 VERTICAL Detector : Peak Project : 101343 Mode : 143
Avg.	 Site : 03CH07-HY Condition : AVG_BE[UNII]_6E 3m HF_ANT_0006084 VERTICAL Detector : Peak Project : 101343 Mode : 143	Left blank

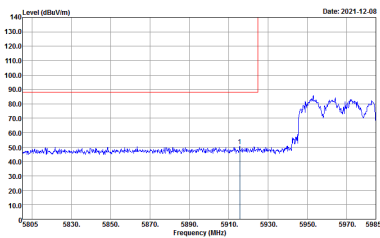
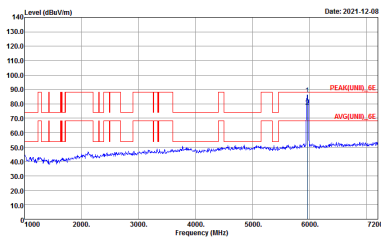
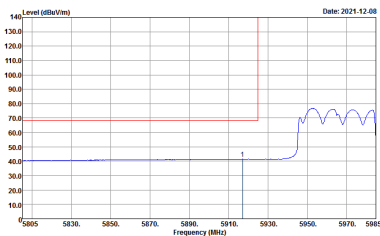


Band 5 5925~6425MHz
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH03 5965MHz	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

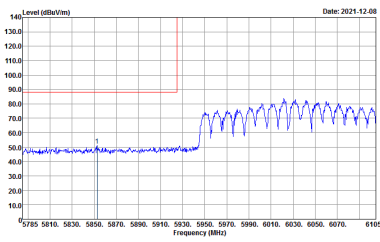
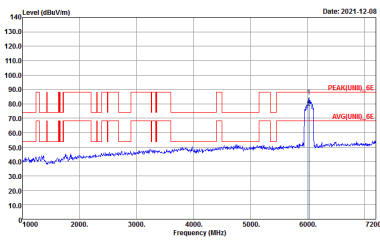
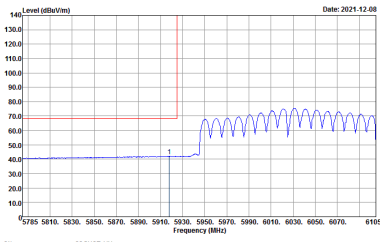


Band 5 5925~6425MHz
WIFI 802.11ax HE40 Partial 484 (Band Edge @ 3m)

WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 484/65 CH03 5965MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE[UNII]_SE 3m HF_ANT_00066584 VERTICAL Detector : Peak Project : 101343 Mode : 146	 Site : 03CH07-HY Condition : PEAK[UNII]_SE 3m HF_ANT_00066584 VERTICAL Detector : Peak Project : 101343 Mode : 146
Avg.	 Site : 03CH07-HY Condition : AVG_BE[UNII]_SE 3m HF_ANT_00066584 VERTICAL Detector : Peak Project : 101343 Mode : 146	Left blank



Band 5 5925~6425MHz
WIFI 802.11ax HE160 Full (Band Edge @ 3m)

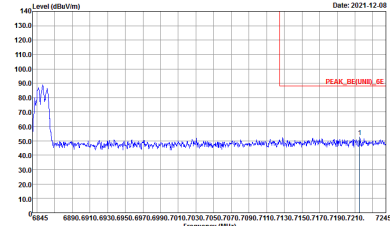
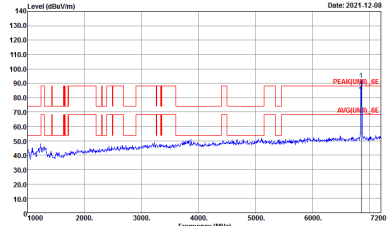
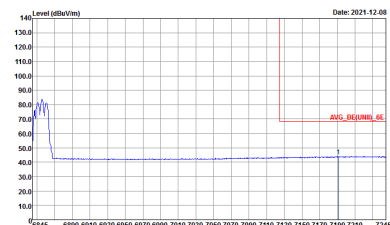
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE160 Full CH15 6025MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE[UNII]_SE 3m HF_ANT_00066584 VERTICAL Detector : Peak Project : 101343 Mode : 139	 Site : 03CH07-HY Condition : PEAK[UNII]_SE 3m HF_ANT_00066584 VERTICAL Detector : Peak Project : 101343 Mode : 139
Avg.	 Site : 03CH07-HY Condition : AVG_BE[UNII]_SE 3m HF_ANT_00066584 VERTICAL Detector : Peak Project : 101343 Mode : 139	Left blank



Band 5 5925~6425MHz
WIFI 802.11ax HE160 Partial 1922 (Band Edge @ 3m)

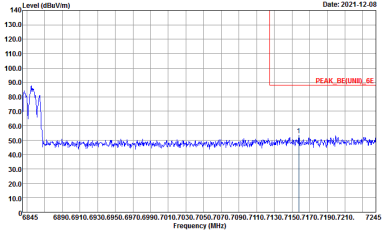
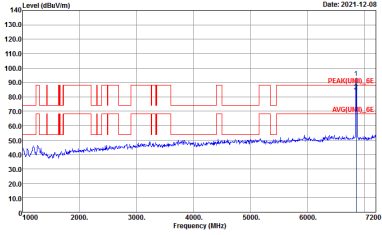
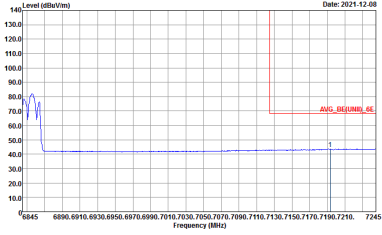
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE160 Partial 1922/68 CH15 6025MHz	
1+2	Vertical	Fundamental
Peak	Site : 03CH07-HY Condition : PEAK_BE[UNII]_SE 3m HF_ANT_00066584 VERTICAL Detector : Peak Project : 101343 Mode : 148	Site : 03CH07-HY Condition : PEAK[UNII]_SE 3m HF_ANT_00066584 VERTICAL Detector : Peak Project : 101343 Mode : 148
Avg.	Site : 03CH07-HY Condition : AVG_BE[UNII]_SE 3m HF_ANT_00066584 VERTICAL Detector : Peak Project : 101343 Mode : 148	Left blank

Band 7 - 6525~6875MHz
WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 7 6525~6875MHz Band Edge @ 3m	
ANT	802.11a CH181 6855MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE(UNI)_VE 3m HF_ANT_0006084 VERTICAL Detector : Peak Project : 101343 Mode : 133	 Site : 03CH07-HY Condition : PEAK_BE(UNI)_VE 3m HF_ANT_0006084 VERTICAL Detector : Peak Project : 101343 Mode : 133
Avg.	 Site : 03CH07-HY Condition : AVG_BE(UNI)_VE 3m HF_ANT_0006084 VERTICAL Detector : Peak Project : 101343 Mode : 133	Left blank

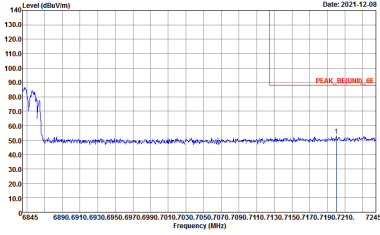
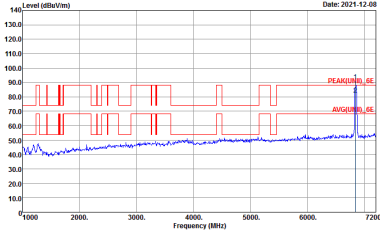
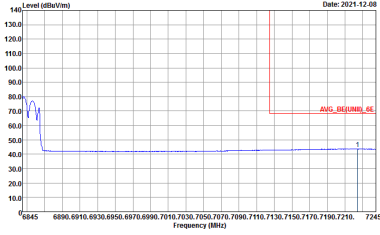


Band 7 6525~6875MHz
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

WIFI	Band 7 6525~6875MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH181 6855MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE[UN]_GE 3m HF_ANT_00066584 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 101343 Mode : 136	 Site : 03CH07-HY Condition : PEAK[UN]_GE 3m HF_ANT_00066584 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 101343 Mode : 136
Avg.	 Site : 03CH07-HY Condition : AVG_BE[UN]_GE 3m HF_ANT_00066584 VERTICAL RBW:1000.000kHz VBW:3.000kHz SWT:Auto Detector : Peak Project : 101343 Mode : 136	Left blank

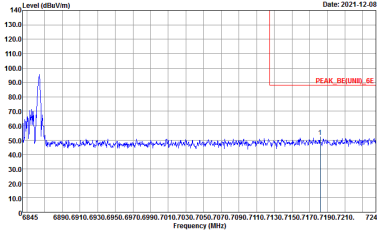
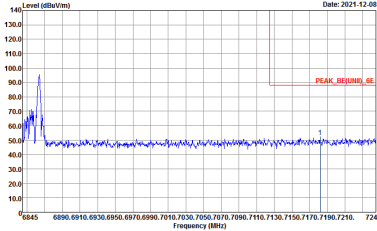
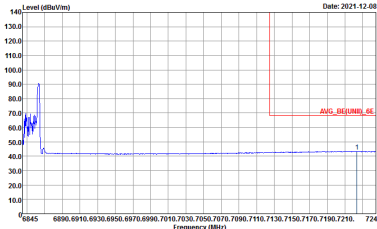


Band 7 6525~6875MHz
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

WIFI	Band 7 6525~6875MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH179 6845MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE[UNII]_SE 3m HF_ANT_00066584 VERTICAL Detector : Peak Project : 101343 Mode : 138	 Site : 03CH07-HY Condition : PEAK[UNII]_SE 3m HF_ANT_00066584 VERTICAL Detector : Peak Project : 101343 Mode : 138
Avg.	 Site : 03CH07-HY Condition : AVG_BE[UNII]_SE 3m HF_ANT_00066584 VERTICAL Detector : Peak Project : 101343 Mode : 138	Left blank

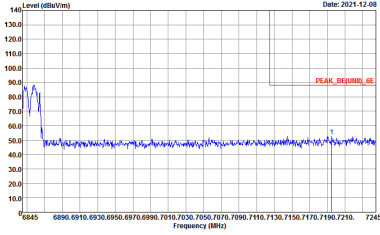
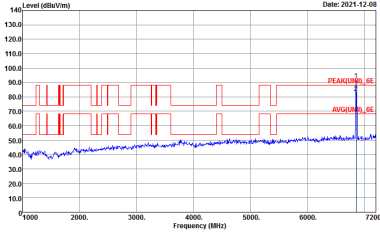
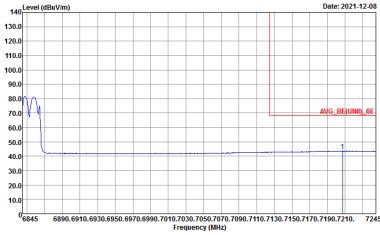


Band 7 6525~6875MHz
WIFI 802.11ax HE20 Partial 26 (Band Edge @ 3m)

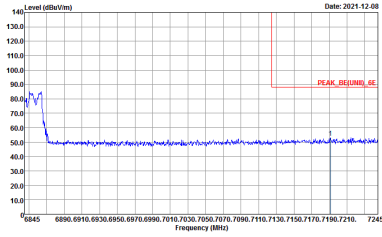
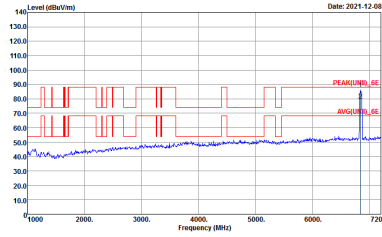
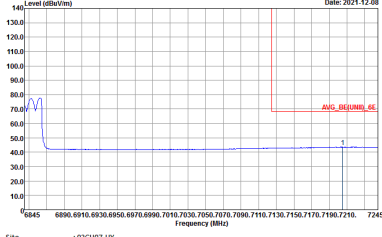
WIFI	Band 7 6525~6875MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 26/8 CH181 6855MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE[UNII]_SE 3m HF_ANT_000665084 VERTICAL Detector : Peak Project : 101343 Mode : 142	 Site : 03CH07-HY Condition : PEAK_BE[UNII]_SE 3m HF_ANT_000665084 VERTICAL Detector : Peak Project : 101343 Mode : 142
Avg.	 Site : 03CH07-HY Condition : AVG_BE[UNII]_SE 3m HF_ANT_000665084 VERTICAL Detector : Peak Project : 101343 Mode : 142	Left blank



Band 7 6525~6875MHz
WIFI 802.11ax HE20 Partial 242 (Band Edge @ 3m)

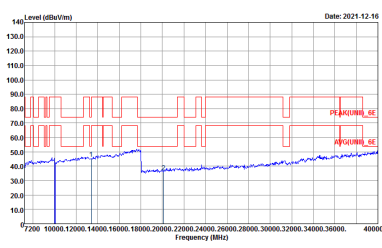
WIFI	Band 7 6525~6875MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 242/61 CH181 6855MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE[UN]_SE 3m HF_ANT_00066584 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 101343 Mode : 145	 Site : 03CH07-HY Condition : PEAK[UN]_SE 3m HF_ANT_00066584 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 101343 Mode : 145
Avg.	 Site : 03CH07-HY Condition : AVG_BE[UN]_SE 3m HF_ANT_00066584 VERTICAL RBW:1000.000kHz VBW:3.000kHz SWT:Auto Detector : Peak Project : 101343 Mode : 145	Left blank

Band 7 6525~6875MHz
WIFI 802.11ax HE40 Partial 484 (Band Edge @ 3m)

WIFI	Band 7 6525~6875MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 484/65 CH179 6845MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE[UNII]_SE 3m HF_ANT_00066584 VERTICAL Detector : Peak Project : 101343 Mode : 147	 Site : 03CH07-HY Condition : PEAK[UNII]_SE 3m HF_ANT_00066584 VERTICAL Detector : Peak Project : 101343 Mode : 147
Avg.	 Site : 03CH07-HY Condition : AVG_BE[UNII]_SE 3m HF_ANT_00066584 VERTICAL Detector : Peak Project : 101343 Mode : 147	Left blank

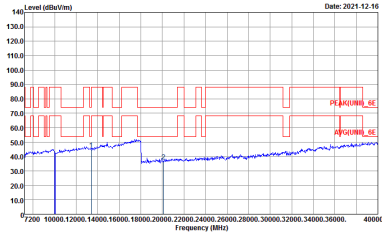


Band 7 - 6525~6875MHz
WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH149 6695MHz	
1+2	Vertical	
Peak Avg.	 Site : 03CH07-01 Condition : PEAK(UNIT)_6E_1m SHF-EHF_91.70251 VERTICAL Detector : Peak Project : 101343 Mode : 140	Left blank

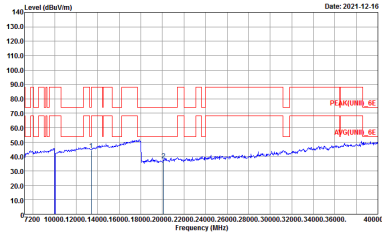


Band 7 6525~6875MHz
WIFI 802.11ax HE20 Partial 26 (Harmonic @ 3m)

WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11ax HE20 Partial 26/4 CH149 6695MHz	
1+2	Vertical	
Peak Avg.	 Site : 03CH07-RY Condition : PEAK(UN)_SE 1m SHF-DHF_9170251 VERTICAL Detector : Peak Project : 101343 Mode : 149	Left blank



Band 7 6525~6875MHz
WIFI 802.11ax HE20 Partial 242 (Harmonic @ 3m)

WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11ax HE20 Partial 242/61 CH149 6695MHz	
1+2	Vertical	
Peak Avg.	 Site : 03CH07-RY Condition : PEAK(UN)_SE 1m SHF-DHF_9170251 VERTICAL Detector : Peak Project : 101343 Mode : 149	Left blank

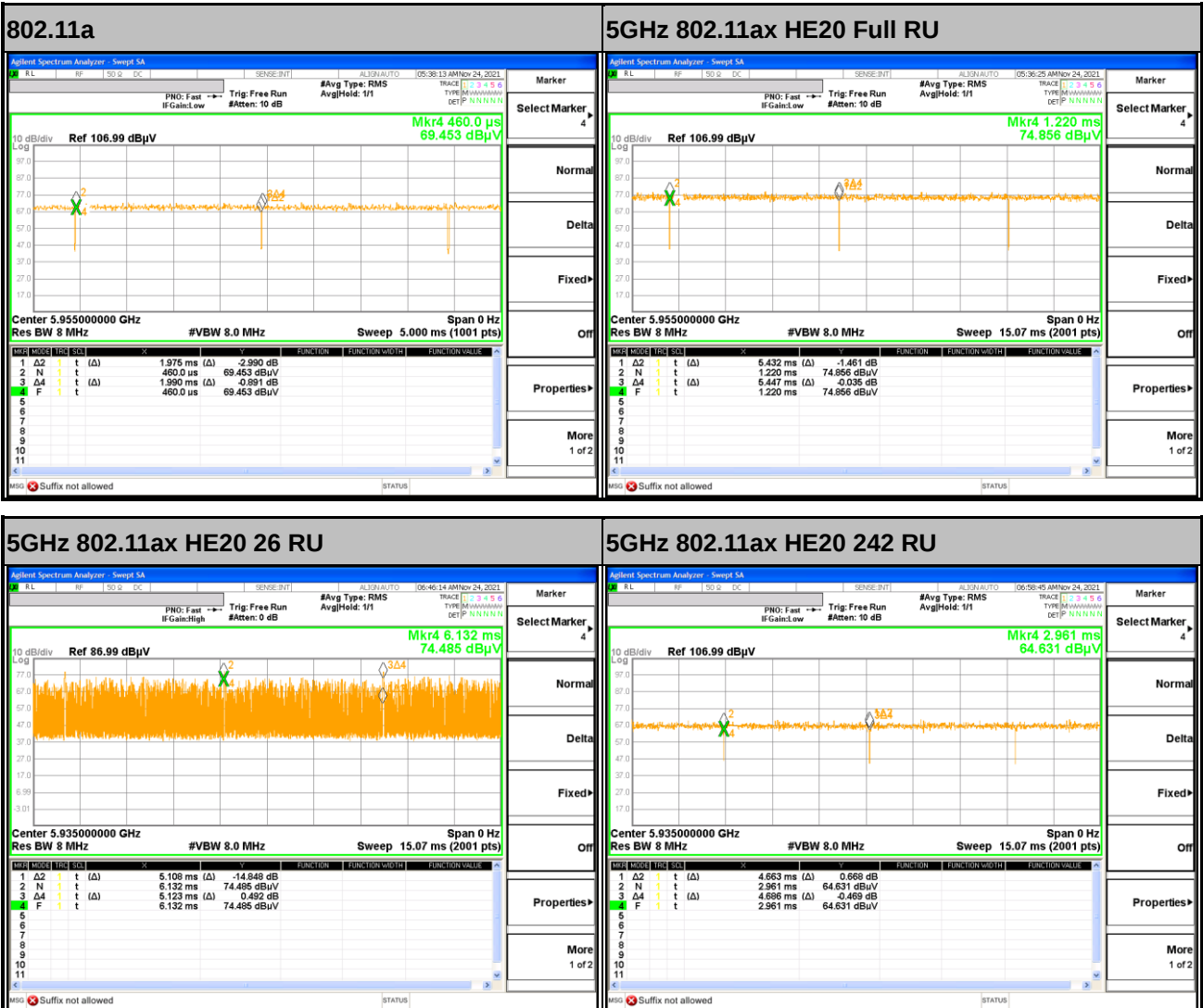
Appendix D. Duty Cycle Plots

Chain	Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting
0	802.11a	99.00	-	-	10Hz
1	802.11a	99.25	-	-	10Hz
0	5GHz 802.11ax HE20 Full RU	99.63	-	-	10Hz
1	5GHz 802.11ax HE20 Full RU	99.72	-	-	10Hz
0	5GHz 802.11ax HE20 26 RU	99.12	-	-	10Hz
1	5GHz 802.11ax HE20 26 RU	99.71	-	-	10Hz
0	5GHz 802.11ax HE20 242 RU	99.57	-	-	10Hz
1	5GHz 802.11ax HE20 242 RU	99.51	-	-	10Hz
0	5GHz 802.11ax HE40 Full RU	99.69	-	-	10Hz
1	5GHz 802.11ax HE40 Full RU	99.55	-	-	10Hz
0	5GHz 802.11ax HE40 484 RU	99.55	-	-	10Hz
1	5GHz 802.11ax HE40 484 RU	99.55	-	-	10Hz
1	5GHz 802.11ax HE160 Full RU	98.37	-	-	10Hz
1	5GHz 802.11ax HE160 1992 RU	99.31	-	-	10Hz
0+1	802.11a	69.76	1430	0.70	1kHz
0+1	5GHz 802.11ax HE20 Full RU	71.91	5415	0.18	300Hz
0+1	5GHz 802.11ax HE20 26 RU	95.87	5110	0.20	300Hz
0+1	5GHz 802.11ax HE20 242 RU	95.49	4660	0.21	300Hz
0+1	5GHz 802.11ax HE40 Full RU	71.88	5445	0.18	300Hz
0+1	5GHz 802.11ax HE40 484 RU	72.13	3430	0.29	300Hz
0+1	5GHz 802.11ax HE160 Full RU	75.26	2160	0.46	1kHz
0+1	5GHz 802.11ax HE160 1992 RU	69.90	2160	0.46	1kHz





<Chain 1>

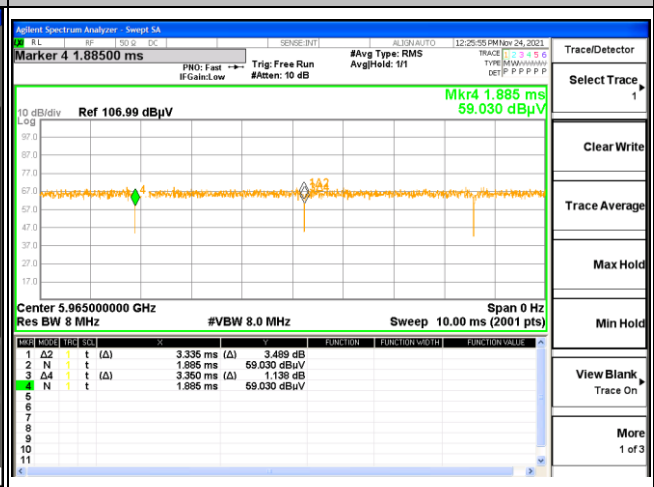




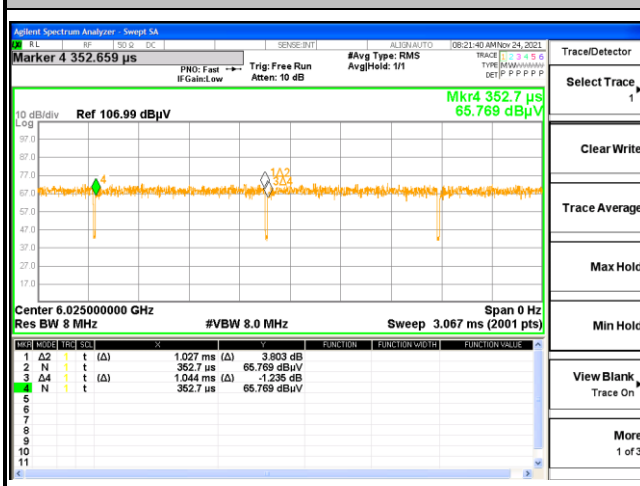
5GHz 802.11ax HE40 Full RU



5GHz 802.11ax HE40 484 RU



5GHz 802.11ax HE160 Full RU



5GHz 802.11ax HE160 1992 RU



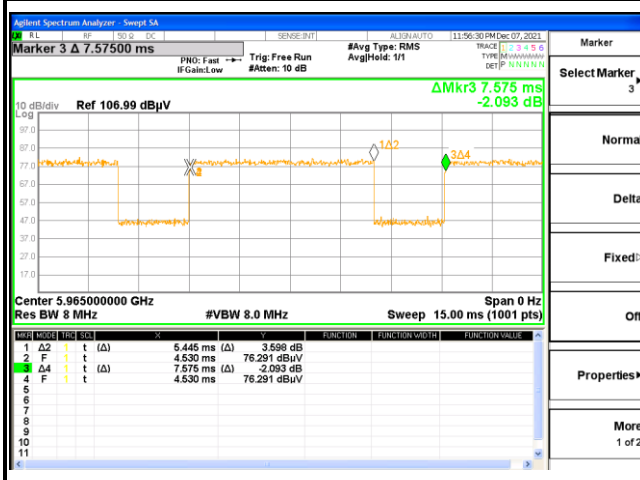


MIMO <Chain 0+1>

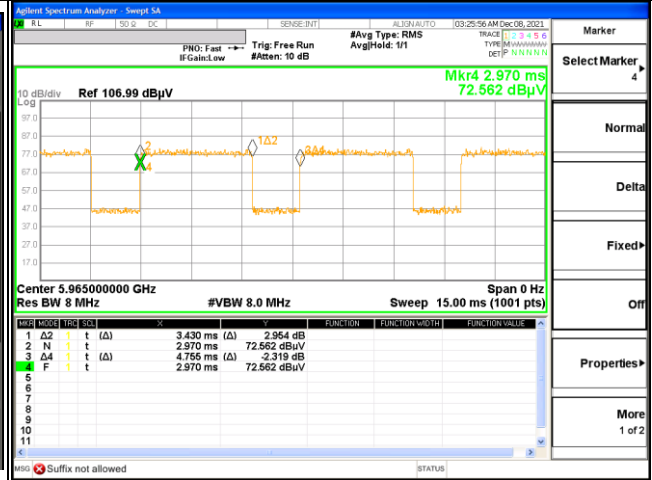




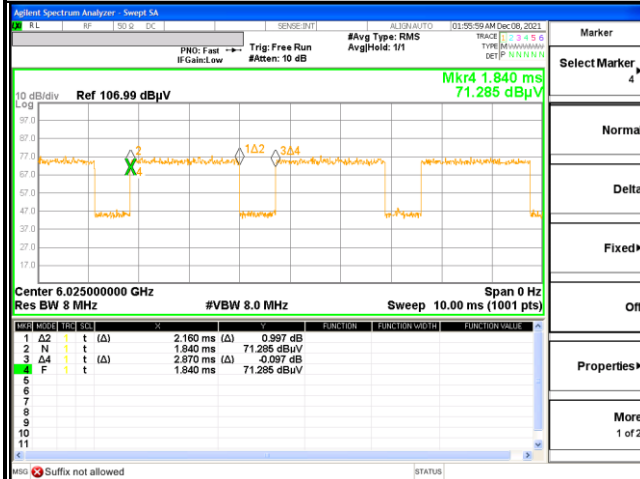
5GHz 802.11ax HE40 Full RU



5GHz 802.11ax HE40 484 RU



5GHz 802.11ax HE160 Full RU



5GHz 802.11ax HE160 1992 RU

