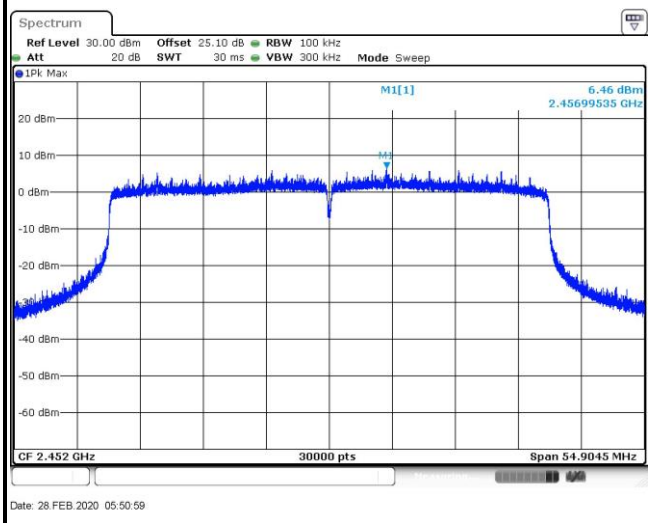
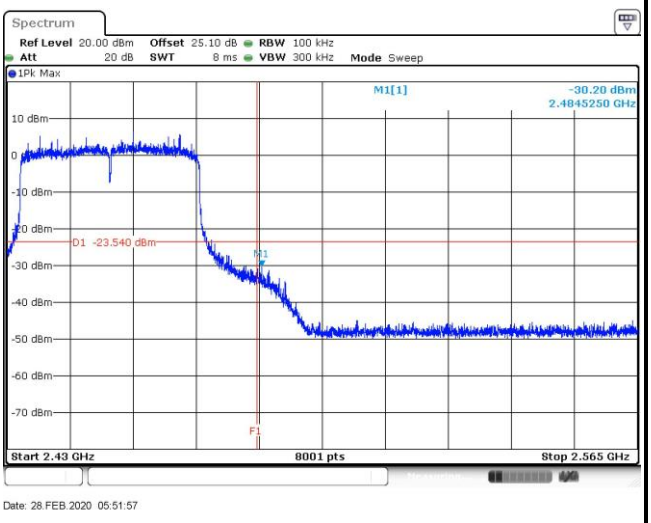
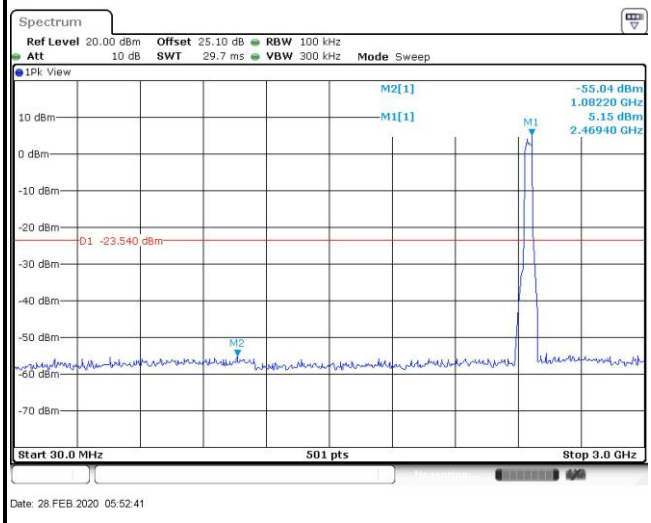
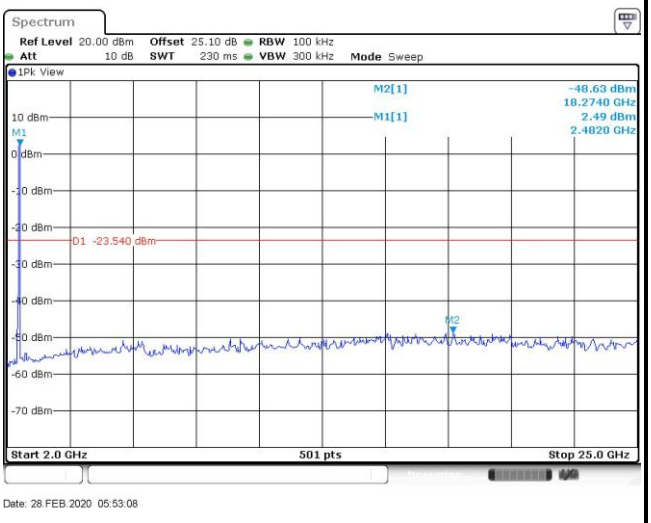
Test Mode :	802.11ax HE40	Test Channel :	09 Full RU

100kHz PSD reference Level	High Channel Plot
	
Spurious Emission 30MHz~3GHz	**Spurious Emission 2GHz~25GHz**
	

3.5 Radiated Band Edges and Spurious Emission Measurement

3.5.1 Limit of Radiated band edge and Spurious Emission Measurement

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

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

3.5.2 Measuring Instruments

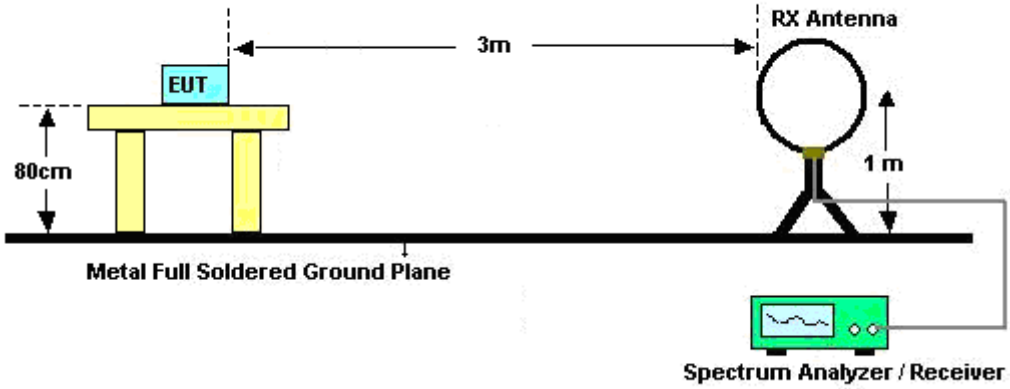
See list of measuring equipment of this test report.

3.5.3 Test Procedures

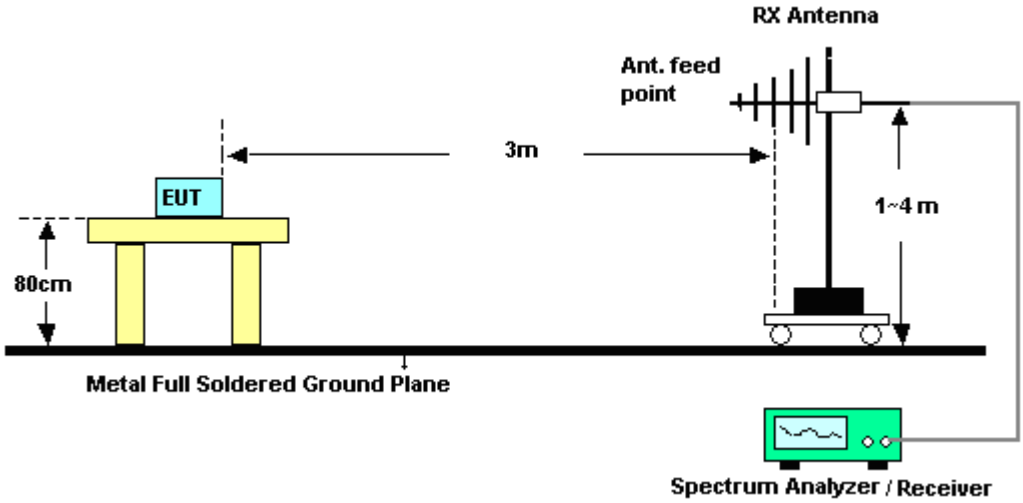
1. The testing follows the ANSI C63.10 Section 11.12.1 Radiated emission measurements.
2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level.
3. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
5. Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level
6. For testing below 1GHz, if the emission level of the EUT in peak mode was 3 dB lower than the limit specified, then peak values of EUT will be reported, otherwise, the emissions will be repeated one by one using the CISPR quasi-peak method and reported.
7. For testing above 1GHz, the emission level of the EUT in peak mode was 20dB lower than average limit (that means the emission level in average mode also complies with the limit in average mode), then peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.
8. Use the following spectrum analyzer settings:
   (1) Span shall wide enough to fully capture the emission being measured;
   (2) Set RBW=100 kHz for f < 1 GHz; VBW ≥ RBW; Sweep = auto; Detector function = peak; Trace = max hold;
   (3) Set RBW = 1 MHz, VBW= 3MHz for f ≥ 1 GHz for peak measurement.
   For average measurement:
   - VBW = 10 Hz, when duty cycle is no less than 98 percent.
   - VBW ≥ 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.

3.5.4 Test Setup

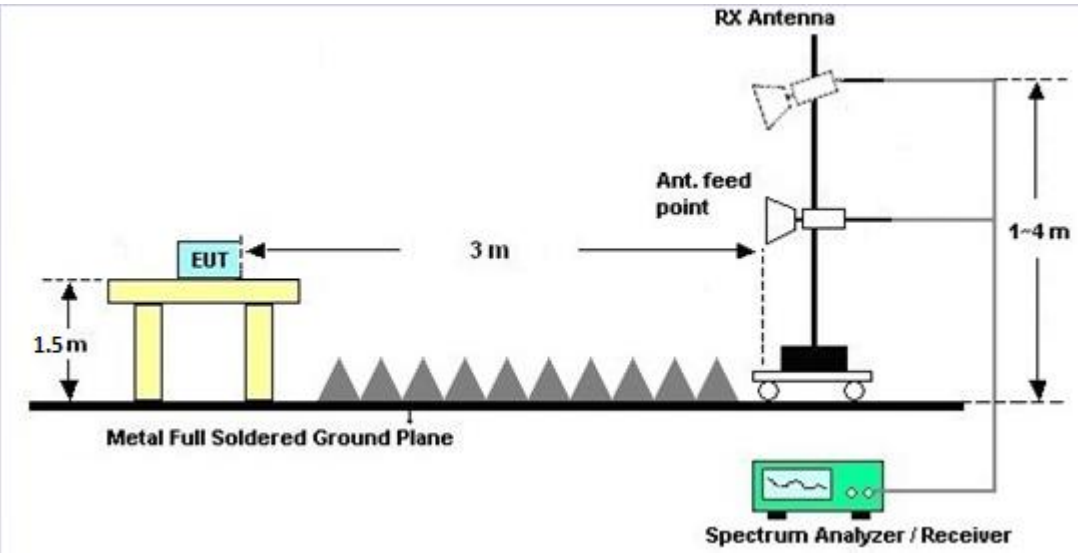
For radiated emissions below 30MHz



For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz



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

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

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

3.5.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C and D.

3.5.7 Duty Cycle

Please refer to Appendix E.

3.5.8 Test Result of Radiated Spurious Emission (30MHz ~ 10th Harmonic)

Please refer to Appendix C and D.

3.6 AC Conducted Emission Measurement

3.6.1 Limit of AC Conducted Emission

For equipment that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the following table.

Frequency of Emission (MHz)	Conducted Limit (dBμV)	
	Quasi-Peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

*Decreases with the logarithm of the frequency.

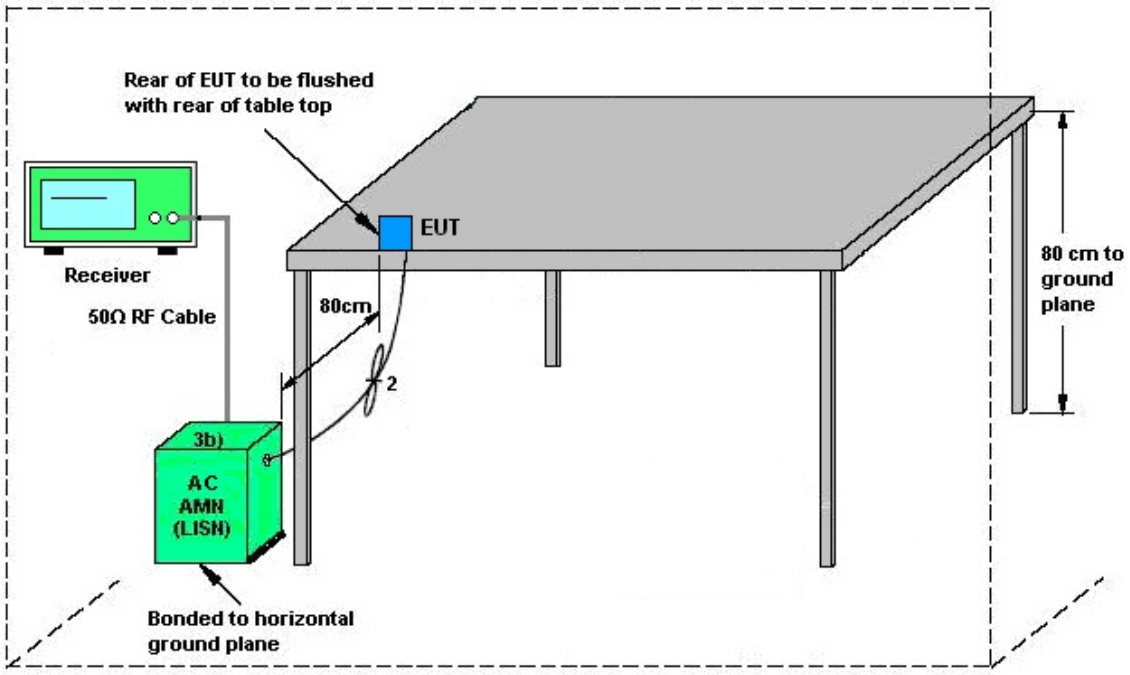
3.6.2 Measuring Instruments

See list of measuring equipment of this test report.

3.6.3 Test Procedures

1. The EUT was placed 0.4 meter from the conducting wall of the shielding room, and it was kept at least 80 centimeters from any other grounded conducting surface.
2. Connect EUT to the power mains through a line impedance stabilization network (LISN).
3. All the support units are connecting to the other LISN.
4. The LISN provides 50 ohm coupling impedance for the measuring instrument.
5. The FCC states that a 50 ohm, 50 microhenry LISN should be used.
6. Both sides of AC line were checked for maximum conducted interference.
7. The frequency range from 150 kHz to 30 MHz was searched.
8. Set the test-receiver system to Peak Detect Function and specified bandwidth (IF bandwidth = 9kHz) with Maximum Hold Mode.

3.6.4 Test Setup



AMN = Artificial mains network (LISN)
AE = Associated equipment
EUT = Equipment under test
ISN = Impedance stabilization network

3.6.5 Test Result of AC Conducted Emission

Please refer to Appendix B.

3.7 Antenna Requirements

3.7.1 Standard Applicable

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

3.7.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.7.3 Antenna Gain

Two antenna has different polarization, one is horizontal and the other one is vertical.

Horizontal antenna gain = 0.5 dBi

Vertical antenna gain = 1.5 dBi

Which use the larger one to calculate the EIRP.

4 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
LISN	TESEQ	NNB51	47407	N/A	Jun. 26, 2019	Feb. 25, 2020	Jun. 25, 2020	Conduction (CO01-CA)
EMI Test Receiver	R&S	ESR7	102177	9KHz~7GHz	Jun. 27, 2019	Feb. 25, 2020	Jun. 26, 2020	Conduction (CO01-CA)
Pulse limiter with 10dB attenuation	R&S	VTSD 9561-F N	9561-F-N00412	N/A	Jun. 11, 2019	Feb. 25, 2020	Jun. 10, 2020	Conduction (CO01-CA)
Test Software	EMC32	N/A	N/A	N/A	N/A	Feb. 25, 2020	N/A	Conduction (CO01-CA)
Hygrometer	Testo	608-H1	45142595	N/A	Aug. 07, 2019	Jan. 28, 2020 ~ Feb. 29, 2020	Aug. 06, 2020	Conducted (TH01-CA)
Power Sensor	DARE	RPR3006W	RPR6W-1 901027	50MHz~18GH z	Jun. 27, 2019	Jan. 28, 2020 ~ Feb. 29, 2020	Jun. 26, 2020	Conducted (TH01-CA))
Spectrum Analyzer	Rohde & Schwarz	FSV 40	100895	10Hz~40GHz	Aug. 29, 2019	Jan. 28, 2020 ~ Feb. 29, 2020	Aug. 28, 2020	Conducted (TH01-CA)
Switch Box & RF Cable	EM	EMSW18	SW107090 2	N/A	N/A	Jan. 28, 2020 ~ Feb. 29, 2020	N/A	Conducted (TH01-CA)
Bilog Antenna	TESEQ	6111D	50392	30MHz~1GHz	May 15, 2019	Feb. 06, 2020 ~ Mar. 10, 2020	May 14, 2020	Radiation (03CH02-CA)
Horn Antenna	SCHWARZBE CK	BBHA 9120D	01894	1GHz~18GHz	Jul. 22, 2019	Feb. 06, 2020 ~ Mar. 10, 2020	Jul. 21, 2020	Radiation (03CH02-CA)
Amplifier	SONOMA	310N	372241	N/A	Jul. 26, 2019	Feb. 06, 2020 ~ Mar. 10, 2020	Jul. 25, 2020	Radiation (03CH02-CA)
Preamplifier	Keysight	83017A	MY532703 21	1GHz~26.5G Hz	Jul. 26, 2019	Feb. 06, 2020 ~ Mar. 10, 2020	Jul. 25, 2020	Radiation (03CH02-CA)
Preamplifier	Jet-Power	JPA0118-55-3 03	171000180 0055007	1GHz~18GHz	Apr. 01, 2019	Feb. 06, 2020 ~ Mar. 10, 2020	Mar. 31, 2020	Radiation (03CH02-CA)
Spectrum Analyzer	Keysight	N9010A	MY574202 21	10Hz~44GHz	Sep. 11, 2019	Feb. 06, 2020 ~ Mar. 10, 2020	Sep. 10, 2020	Radiation (03CH02-CA)
Filter	Wainwright	WLK12-1200-1272-11000-4 0SS	SN2	1.2G Low Pass	Aug. 02, 2019	Feb. 06, 2020 ~ Mar. 10, 2020	Aug. 01, 2020	Radiation (03CH02-CA)
Filter	Wainwright	WHKX12-270 0-3000-18000 -60ST	SN10	3G Highpass	Aug. 02, 2019	Feb. 06, 2020 ~ Mar. 10, 2020	Aug. 01, 2020	Radiation (03CH02-CA)
Hygrometer	TESEO	608-H1	45142602	N/A	Jul. 25, 2019	Feb. 06, 2020 ~ Mar. 10, 2020	Jul. 24, 2020	Radiation (03CH02-CA)
Controller	ChainTek	3000-1	N/A	Control Turn table & Ant Mast	N/A	Feb. 06, 2020 ~ Mar. 10, 2020	N/A	Radiation (03CH02-CA)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Feb. 06, 2020 ~ Mar. 10, 2020	N/A	Radiation (03CH02-CA)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Feb. 06, 2020 ~ Mar. 10, 2020	N/A	Radiation (03CH02-CA)

5 Uncertainty of Evaluation

Uncertainty of Conducted Emission Measurement (150kHz ~ 30MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**1.7**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**4.4**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**6.5**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**6.3**

Appendix A. Test Result of Conducted Test Items

Test Engineer:	Howard Lin	Temperature:	21~25	°C
Test Date:	2020/1/28~2020/2/29	Relative Humidity:	51~54	%

TEST RESULTS DATA
6dB and 99% Occupied Bandwidth

2.4GHz Band MIMO										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Occupied BW (MHz)		6dB BW (MHz)		6dB BW Limit (MHz)	Pass/Fail
					Ant1	Ant2	Ant1	Ant2		
11b	1Mbps	2	1	2412	12.79	13.09	7.07	7.55	0.50	Pass
11b	1Mbps	2	6	2437	13.14	13.24	8.05	8.03	0.50	Pass
11b	1Mbps	2	11	2462	13.04	13.09	8.03	8.03	0.50	Pass
11g	6Mbps	2	1	2412	16.43	16.58	15.44	15.70	0.50	Pass
11g	6Mbps	2	6	2437	16.63	16.73	15.88	16.00	0.50	Pass
11g	6Mbps	2	11	2462	16.43	16.48	14.77	16.02	0.50	Pass

TEST RESULTS DATA
6dB and 99% Occupied Bandwidth

2.4GHz Band MIMO											
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	99% Occupied BW (MHz)		6dB BW (MHz)		6dB BW Limit (MHz)	Pass/Fail
						Ant1	Ant2	Ant1	Ant2		
HE20		1	1	2412	Full	18.88	18.88	15.92	17.04	0.50	Pass
HE20		1	6	2437	Full	19.08	19.03	17.74	18.32	0.50	Pass
HE20		1	11	2462	Full	18.93	18.93	17.50	17.70	0.50	Pass
HE40		1	3	2422	Full	37.86	37.76	33.01	35.20	0.50	Pass
HE40		1	6	2437	Full	38.06	37.96	37.32	37.60	0.50	Pass
HE40		1	9	2452	Full	37.76	37.96	36.44	36.60	0.50	Pass

TEST RESULTS DATA
Average Output Power

2.4GHz Band MIMO																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			Conducted Power Limit (dBm)		DG (dBi)		EIRP Power (dBm)		EIRP Power Limit (dBm)		Pass /Fail
					Ant1	Ant2	SUM	Ant1	Ant2	Ant1	Ant2	Ant1	Ant2	Ant1	Ant2	
11b	1Mbps	2	1	2412	22.46	22.99	25.74	30.00		1.50		27.24		36.00		Pass
11b	1Mbps	2	6	2437	21.86	22.94	25.44	30.00		1.50		26.94		36.00		Pass
11b	1Mbps	2	11	2462	22.30	22.74	25.54	30.00		1.50		27.04		36.00		Pass
11g	6Mbps	2	1	2412	20.75	21.30	24.04	30.00		1.50		25.54		36.00		Pass
11g	6Mbps	2	6	2437	20.92	21.82	24.40	30.00		1.50		25.90		36.00		Pass
11g	6Mbps	2	11	2462	19.71	20.07	22.90	30.00		1.50		24.40		36.00		Pass
HT20	MCS0	2	1	2412	19.94	20.43	23.20	30.00		1.50		24.70		36.00		Pass
HT20	MCS0	2	6	2437	20.72	21.44	24.11	30.00		1.50		25.61		36.00		Pass
HT20	MCS0	2	11	2462	19.90	20.13	23.03	30.00		1.50		24.53		36.00		Pass
HT40	MCS0	2	3	2422	19.47	20.20	22.86	30.00		1.50		24.36		36.00		Pass
HT40	MCS0	2	6	2437	19.35	20.04	22.72	30.00		1.50		24.22		36.00		Pass
HT40	MCS0	2	9	2452	19.70	20.23	22.98	30.00		1.50		24.48		36.00		Pass

Note: Measured power (dBm) has offset with cable loss.

TEST RESULTS DATA
Average Output Power

2.4GHz Band MIMO																	
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			Conducted Power Limit (dBm)		DG (dBi)		EIRP Power (dBm)		EIRP Power Limit (dBm)		Pass /Fail
						Ant1	Ant2	SUM	Ant1	Ant2	Ant1	Ant2	Ant1	Ant2	Ant1	Ant2	
HE20	MCS0	2	1	2412	Full	20.00	20.45	23.24	30.00		1.50		24.74		36.00		Pass
HE20	MCS0	2	6	2437	Full	20.74	21.50	24.15	30.00		1.50		25.65		36.00		Pass
HE20	MCS0	2	11	2462	Full	19.94	20.17	23.07	30.00		1.50		24.57		36.00		Pass
HE40	MCS0	2	3	2422	Full	19.50	20.23	22.89	30.00		1.50		24.39		36.00		Pass
HE40	MCS0	2	6	2437	Full	19.41	20.09	22.77	30.00		1.50		24.27		36.00		Pass
HE40	MCS0	2	9	2452	Full	19.74	20.29	23.03	30.00		1.50		24.53		36.00		Pass

Note: Measured power (dBm) has offset with cable loss.

TEST RESULTS DATA
Peak Power Spectral Density

2.4GHz Band MIMO												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Peak PSD (dBm/3kHz)			DG (dBi)		Peak PSD Limit (dBm/3kHz)		Pass/Fail
					Ant1	Ant2	Worse + 3.01	Ant1	Ant2	Ant1	Ant2	
11b	1Mbps	2	1	2412	-6.03	-3.07	-0.06	1.50		8.00		Pass
11b	1Mbps	2	6	2437	-6.99	-5.91	-2.90	1.50		8.00		Pass
11b	1Mbps	2	11	2462	-6.10	-2.98	0.03	1.50		8.00		Pass
11g	6Mbps	2	1	2412	-11.44	-11.31	-8.30	1.50		8.00		Pass
11g	6Mbps	2	6	2437	-11.97	-10.79	-7.78	1.50		8.00		Pass
11g	6Mbps	2	11	2462	-12.92	-12.52	-9.51	1.50		8.00		Pass

Measured power density (dBm) has offset with cable loss.

TEST RESULTS DATA
Peak Power Spectral Density

2.4GHz Band MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Peak PSD (dBm/3kHz)			DG (dBi)		Peak PSD Limit (dBm/3kHz)		Pass/Fail
						Ant1	Ant2	Worse + 3.01	Ant1	Ant2	Ant1	Ant2	
HE20	MCS0	2	1	2412	Full	-15.83	-15.01	-12.00	1.50		8.00		Pass
HE20	MCS0	2	6	2437	Full	-15.05	-14.70	-11.69	1.50		8.00		Pass
HE20	MCS0	2	11	2462	Full	-15.58	-15.90	-12.57	1.50		8.00		Pass
HE40	MCS0	2	3	2422	Full	-18.50	-18.14	-15.13	1.50		8.00		Pass
HE40	MCS0	2	6	2437	Full	-18.39	-18.28	-15.27	1.50		8.00		Pass
HE40	MCS0	2	9	2452	Full	-18.55	-18.45	-15.44	1.50		8.00		Pass

Measured power density (dBm) has offset with cable loss.

TEST RESULTS DATA
Average Output Power

<Band-edge Unmodulated>

2.4GHz Band MIMO																	
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			Conducted Power Limit (dBm)		DG (dBi)		EIRP Power (dBm)		EIRP Power Limit (dBm)		Pass /Fail
						Ant1	Ant2	SUM	Ant1	Ant2	Ant1	Ant2	Ant1	Ant2	Ant1	Ant2	
HE20	MCS0	2	1	2412	Full	17.11	17.25	20.19	30.00		1.50		21.69		36.00		Pass
HE20	MCS0	2	6	2437	Full	17.15	17.71	20.45	30.00		1.50		21.95		36.00		Pass
HE20	MCS0	2	11	2462	Full	16.43	16.63	19.54	30.00		1.50		21.04		36.00		Pass
HE40	MCS0	2	3	2422	Full	17.01	17.64	20.35	30.00		1.50		21.85		36.00		Pass
HE40	MCS0	2	6	2437	Full	16.49	16.98	19.75	30.00		1.50		21.25		36.00		Pass
HE40	MCS0	2	9	2452	Full	17.37	17.33	20.36	30.00		1.50		21.86		36.00		Pass

Note: Measured power (dBm) has offset with cable loss.

TEST RESULTS DATA
Peak Power Spectral Density

2.4GHz Band MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Peak PSD (dBm/3kHz)			DG (dBi)		Peak PSD Limit (dBm/3kHz)		Pass/Fail
						Ant1	Ant2	Worse + 3.01	Ant1	Ant2	Ant1	Ant2	
HE20	MCS0	2	1	2412	Full	-15.52	-15.17	-12.16	1.50		8.00		Pass
HE20	MCS0	2	6	2437	Full	-15.91	-14.87	-11.86	1.50		8.00		Pass
HE20	MCS0	2	11	2462	Full	-16.18	-15.94	-12.93	1.50		8.00		Pass
HE40	MCS0	2	3	2422	Full	-18.94	-18.38	-15.37	1.50		8.00		Pass
HE40	MCS0	2	6	2437	Full	-19.33	-18.33	-15.32	1.50		8.00		Pass
HE40	MCS0	2	9	2452	Full	-18.67	-18.57	-15.56	1.50		8.00		Pass

Measured power density (dBm) has offset with cable loss.

TEST RESULTS DATA
Average Output Power

<Middle Unmodulated>

2.4GHz Band MIMO																	
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			Conducted Power Limit (dBm)		DG (dBi)		EIRP Power (dBm)		EIRP Power Limit (dBm)		Pass /Fail
						Ant1	Ant2	SUM	Ant1	Ant2	Ant1	Ant2	Ant1	Ant2	Ant1	Ant2	
HE20	MCS0	2	1	2412	Full	14.41	15.23	17.85	30.00		1.50		19.35		36.00		Pass
HE20	MCS0	2	6	2437	Full	17.79	18.11	20.96	30.00		1.50		22.46		36.00		Pass
HE20	MCS0	2	11	2462	Full	13.72	14.19	16.97	30.00		1.50		18.47		36.00		Pass
HE40	MCS0	2	3	2422	Full	15.58	16.17	18.90	30.00		1.50		20.40		36.00		Pass
HE40	MCS0	2	6	2437	Full	16.35	16.78	19.58	30.00		1.50		21.08		36.00		Pass
HE40	MCS0	2	9	2452	Full	14.98	15.82	18.43	30.00		1.50		19.93		36.00		Pass

Note: Measured power (dBm) has offset with cable loss.

TEST RESULTS DATA
Peak Power Spectral Density

2.4GHz Band MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Peak PSD (dBm/3kHz)			DG (dBi)		Peak PSD Limit (dBm/3kHz)		Pass/Fail
						Ant1	Ant2	Worse + 3.01	Ant1	Ant2	Ant1	Ant2	
HE20	MCS0	2	1	2412	Full	-18.16	-17.63	-14.62	1.50		8.00		Pass
HE20	MCS0	2	6	2437	Full	-15.76	-15.15	-12.14	1.50		8.00		Pass
HE20	MCS0	2	11	2462	Full	-20.10	-19.94	-16.93	1.50		8.00		Pass
HE40	MCS0	2	3	2422	Full	-19.05	-18.84	-15.83	1.50		8.00		Pass
HE40	MCS0	2	6	2437	Full	-18.93	-18.68	-15.67	1.50		8.00		Pass
HE40	MCS0	2	9	2452	Full	-20.12	-19.41	-16.40	1.50		8.00		Pass

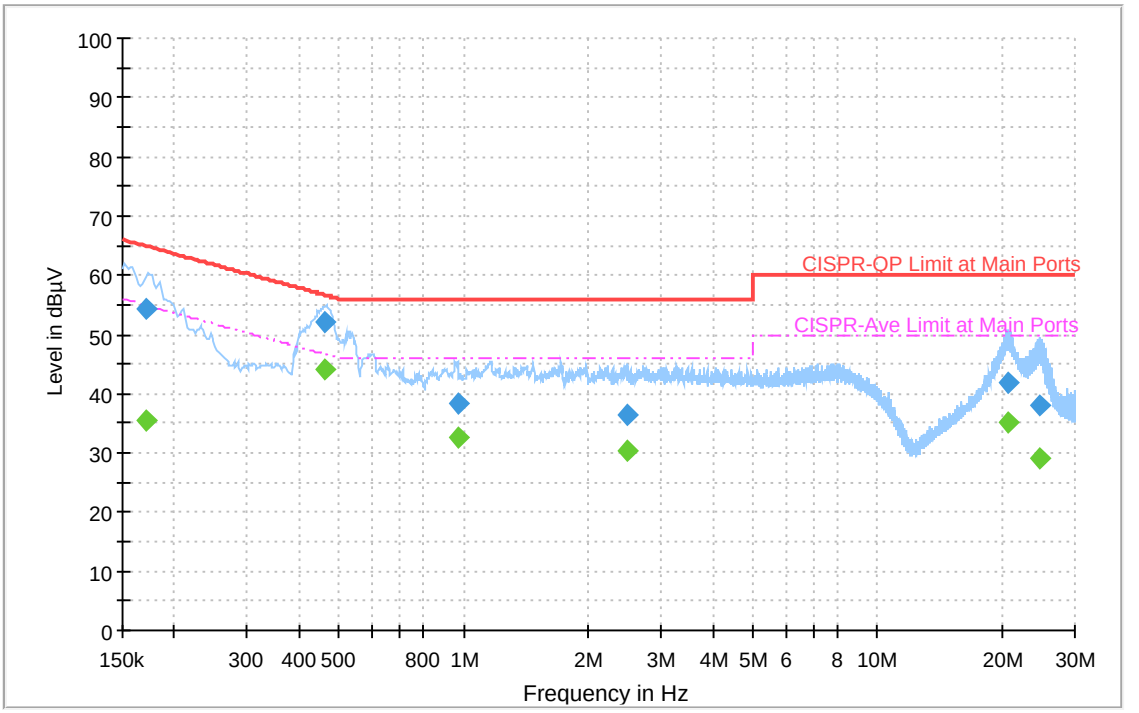
Appendix B. AC Conducted Emission Test Results

Test Engineer :	JC Liang	**Temperature :**	24~26℃
		Relative Humidity :	22~25%

EUT Information

Site:	CO01-CA
Project:	200117001
Power:	120Vac/60Hz
Mode:	1

Full Spectrum



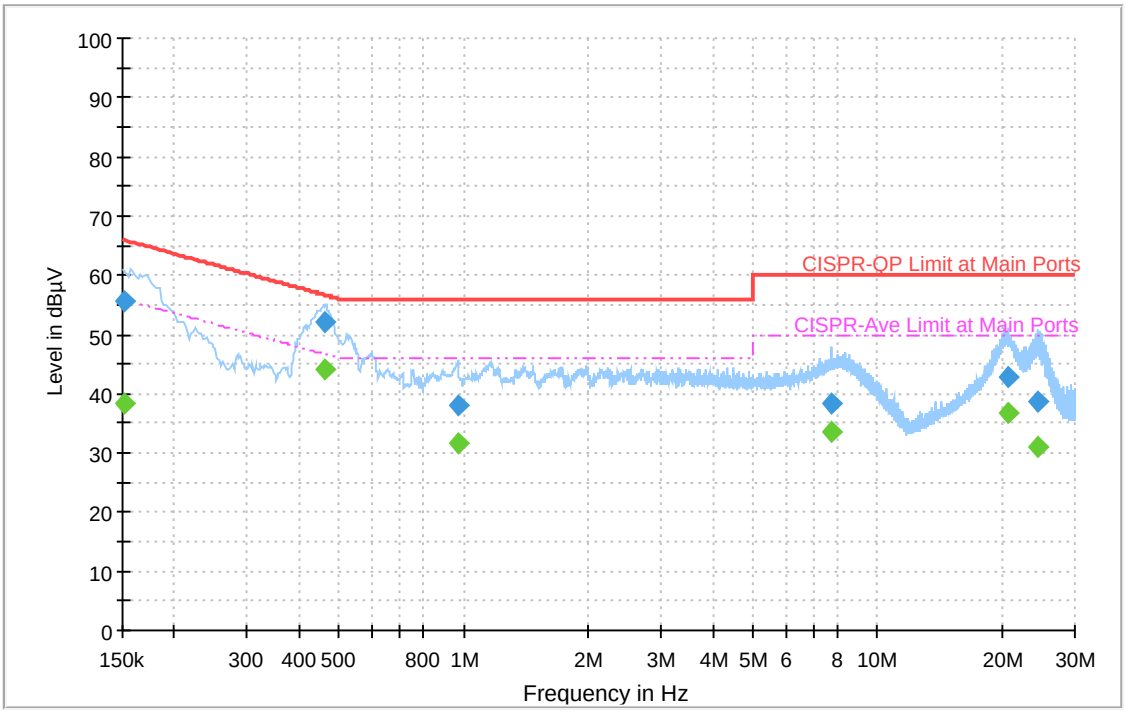
Final_Result

Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.170250	---	35.62	54.95	19.33	L1	OFF	20.3
0.170250	54.31	---	64.95	10.64	L1	OFF	20.3
0.460500	---	44.12	46.68	2.56	L1	OFF	20.4
0.460500	51.95	---	56.68	4.73	L1	OFF	20.4
0.971250	---	32.49	46.00	13.51	L1	OFF	20.4
0.971250	38.47	---	56.00	17.53	L1	OFF	20.4
2.484330	---	30.21	46.00	15.79	L1	OFF	20.4
2.484330	36.36	---	56.00	19.64	L1	OFF	20.4
20.640750	---	35.14	50.00	14.86	L1	OFF	20.7
20.640750	41.76	---	60.00	18.24	L1	OFF	20.7
24.702000	---	29.18	50.00	20.82	L1	OFF	20.8
24.702000	37.87	---	60.00	22.13	L1	OFF	20.8

EUT Information

Site:	CO01-CA
Project:	200117001
Power:	120Vac/60Hz
Mode:	1

Full Spectrum



Final_Result

Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	38.43	55.88	17.45	N	OFF	20.3
0.152250	55.63	---	65.88	10.25	N	OFF	20.3
0.460500	---	44.20	46.68	2.48	N	OFF	20.4
0.460500	51.93	---	56.68	4.75	N	OFF	20.4
0.971250	---	31.73	46.00	14.27	N	OFF	20.4
0.971250	37.90	---	56.00	18.10	N	OFF	20.4
7.741500	---	33.48	50.00	16.52	N	OFF	20.5
7.741500	38.49	---	60.00	21.51	N	OFF	20.5
20.715000	---	36.76	50.00	13.24	N	OFF	20.7
20.715000	42.79	---	60.00	17.21	N	OFF	20.7
24.384750	---	30.98	50.00	19.02	N	OFF	20.8
24.384750	38.52	---	60.00	21.48	N	OFF	20.8

Appendix C. Radiated Spurious Emission

Test Engineer :	Calvin Wu, Leo Luo, and Jacky Hong	Temperature :	19~22℃
		Relative Humidity :	36 ~45%

2.4GHz 2400~2483.5MHz

WIFI 802.11b (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b CH 01 2412MHz		2384.97	55.82	-18.18	74	42.05	27.62	17.32	31.17	292	202	P	H
		2390	44.5	-9.5	54	30.74	27.6	17.33	31.17	292	202	A	H
	*	2412	115.5	-	-	101.78	27.52	17.36	31.16	292	202	P	H
	*	2412	112.95	-	-	99.23	27.52	17.36	31.16	292	202	A	H
		2389.065	55.24	-18.76	74	41.42	27.67	17.32	31.17	225	140	P	V
		2390	45.03	-8.97	54	31.21	27.66	17.33	31.17	225	140	A	V
	*	2412	116.85	-	-	103.12	27.53	17.36	31.16	225	140	P	V
	*	2412	114.3	-	-	100.57	27.53	17.36	31.16	225	140	A	V
802.11b CH 06 2437MHz		2313.04	55.44	-18.56	74	41.44	28	17.21	31.21	322	198	P	H
		2389.68	43.99	-10.01	54	30.24	27.6	17.32	31.17	322	198	A	H
	*	2437	114.85	-	-	101.11	27.48	17.4	31.14	322	198	P	H
	*	2437	112.29	-	-	98.55	27.48	17.4	31.14	322	198	A	H
		2489.04	55.11	-18.89	74	41.22	27.52	17.49	31.12	322	198	P	H
		2484.64	44.52	-9.48	54	30.64	27.52	17.48	31.12	322	198	A	H
		2381.84	55.16	-18.84	74	41.29	27.73	17.31	31.17	221	136	P	V
		2346.16	44.19	-9.81	54	30.12	28	17.26	31.19	221	136	A	V
	*	2437	115.9	-	-	102.2	27.44	17.4	31.14	221	136	P	V
	*	2437	113.35	-	-	99.65	27.44	17.4	31.14	221	136	A	V
		2490.4	55.67	-18.33	74	41.8	27.5	17.49	31.12	221	136	P	V
		2484.56	44.85	-9.15	54	31	27.49	17.48	31.12	221	136	A	V

802.11b CH 11 2462MHz	*	2462	114.69	-	-	100.9	27.48	17.44	31.13	318	193	P	H
	*	2462	112.19	-	-	98.4	27.48	17.44	31.13	318	193	A	H
		2483.52	56.4	-17.6	74	42.53	27.51	17.48	31.12	318	193	P	H
		2483.52	45.49	-8.51	54	31.62	27.51	17.48	31.12	318	193	A	H
													H
													H
	*	2462	116.39	-	-	102.66	27.42	17.44	31.13	246	132	P	V
	*	2462	113.92	-	-	100.19	27.42	17.44	31.13	246	132	A	V
		2491.2	56.38	-17.62	74	42.49	27.51	17.49	31.11	246	132	P	V
		2483.52	46.07	-7.93	54	32.23	27.48	17.48	31.12	246	132	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

2.4GHz 2400~2483.5MHz

WIFI 802.11b (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)
802.11b CH 01 2412MHz		4824	44.93	-29.07	74	58.23	31.36	11.81	56.47	100	0	P	H
													H
													H
													H
		4824	42.88	-31.12	74	56.17	31.37	11.81	56.47	100	0	P	V
													V
													V
													V
802.11b CH 06 2437MHz		4874	40.47	-33.53	74	53.93	31.31	11.68	56.45	100	0	P	H
		7311	45.55	-28.45	74	51.69	36.36	14.13	56.63	100	0	P	H
													H
													H
		4874	39.52	-34.48	74	53.03	31.26	11.68	56.45	100	0	P	V
		7311	44.72	-29.28	74	50.87	36.35	14.13	56.63	100	0	P	V
													V
													V
802.11b CH 11 2462MHz		4924	45.37	-28.63	74	58.92	31.34	11.54	56.43	100	0	P	H
		7386	44	-30	74	49.95	36.39	14.2	56.54	100	0	P	H
													H
													H
		4924	40.76	-33.24	74	54.35	31.3	11.54	56.43	100	0	P	V
		7386	44.55	-29.45	74	50.53	36.36	14.2	56.54	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

2.4GHz 2400~2483.5MHz

WIFI 802.11g (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)
802.11g CH 01 2412MHz		2390	63.65	-10.35	74	49.89	27.6	17.33	31.17	378	202	P	H
		2390	52.98	-1.02	54	39.22	27.6	17.33	31.17	378	202	A	H
	*	2412	117.28	-	-	103.56	27.52	17.36	31.16	378	202	P	H
	*	2412	109.67	-	-	95.95	27.52	17.36	31.16	378	202	A	H
													H
													H
		2390	64.44	-9.56	74	50.62	27.66	17.33	31.17	287	137	P	V
		2390	53.8	-0.2	54	39.98	27.66	17.33	31.17	287	137	A	V
	*	2412	117.69	-	-	103.96	27.53	17.36	31.16	287	137	P	V
	*	2412	110.47	-	-	96.74	27.53	17.36	31.16	287	137	A	V
													V
													V
802.11g CH 06 2437MHz		2338.8	54.87	-19.13	74	40.95	27.87	17.25	31.2	323	206	P	H
		2385.36	45.02	-8.98	54	31.25	27.62	17.32	31.17	323	206	A	H
	*	2437	115.69	-	-	101.95	27.48	17.4	31.14	323	206	P	H
	*	2437	108.63	-	-	94.89	27.48	17.4	31.14	323	206	A	H
		2483.92	54.97	-19.03	74	41.1	27.51	17.48	31.12	323	206	P	H
		2483.68	45.42	-8.58	54	31.55	27.51	17.48	31.12	323	206	A	H
		2335.44	55.6	-18.4	74	41.57	27.99	17.24	31.2	281	134	P	V
		2341.04	45.1	-8.9	54	31.05	28	17.25	31.2	281	134	A	V
	*	2437	116.74	-	-	103.04	27.44	17.4	31.14	281	134	P	V
	*	2437	109.45	-	-	95.75	27.44	17.4	31.14	281	134	A	V
		2483.6	57.11	-16.89	74	43.27	27.48	17.48	31.12	281	134	P	V
		2485.28	45.88	-8.12	54	32.03	27.49	17.48	31.12	281	134	A	V

802.11g CH 11 2462MHz	*	2462	113.9	-	-	100.11	27.48	17.44	31.13	366	201	P	H
	*	2462	106.52	-	-	92.73	27.48	17.44	31.13	366	201	A	H
		2483.52	60.94	-13.06	74	47.07	27.51	17.48	31.12	366	201	P	H
		2483.84	50.76	-3.24	54	36.89	27.51	17.48	31.12	366	201	A	H
													H
													H
	*	2462	115.62	-	-	101.89	27.42	17.44	31.13	298	218	P	V
	*	2462	108.43	-	-	94.7	27.42	17.44	31.13	298	218	A	V
		2487.84	60.02	-13.98	74	46.16	27.5	17.48	31.12	298	218	P	V
		2485.64	48.87	-5.13	54	35.02	27.49	17.48	31.12	298	218	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

2.4GHz 2400~2483.5MHz

WIFI 802.11g (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)
802.11g CH 01 2412MHz		4824	40.76	-33.24	74	54.06	31.36	11.81	56.47	-	-	P	H
													H
													H
													H
		4824	39.64	-34.36	74	52.93	31.37	11.81	56.47	-	-	P	V
													V
													V
													V
802.11g CH 06 2437MHz		4874	39.54	-34.46	74	53	31.31	11.68	56.45	100	0	P	H
													H
													H
													H
		4874	39.56	-34.44	74	53.07	31.26	11.68	56.45	100	0	P	V
													V
													V
													V
802.11g CH 11 2462MHz		4924	41.15	-32.85	74	54.7	31.34	11.54	56.43	100	0	P	H
		7386	44.86	-29.14	74	50.81	36.39	14.2	56.54	100	0	P	H
													H
													H
		4924	39.26	-34.74	74	52.85	31.3	11.54	56.43	100	0	P	V
		7386	44.2	-29.8	74	50.18	36.36	14.2	56.54	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

2.4GHz 2400~2483.5MHz

WIFI 802.11 ax 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)
		2390	57.63	-16.37	74	43.87	27.6	17.33	31.17	247	302	P	H
		2390	48.38	-5.62	54	34.62	27.6	17.33	31.17	247	302	A	H
	*	2412	113.75	-	-	100.03	27.52	17.36	31.16	247	302	P	H
	*	2412	104.57	-	-	90.85	27.52	17.36	31.16	247	302	A	H
802.11ax													H
HE20 Full													H
CH 01		2390	60.48	-13.52	74	46.66	27.66	17.33	31.17	256	139	P	V
2412MHz		2390	51.04	-2.96	54	37.22	27.66	17.33	31.17	256	139	A	V
	*	2412	116.41	-	-	102.68	27.53	17.36	31.16	256	139	P	V
	*	2412	108.19	-	-	94.46	27.53	17.36	31.16	256	139	A	V
													V
													V
		2363.2	55.47	-18.53	74	41.62	27.75	17.28	31.18	298	9	P	H
		2389.94	44.9	-9.1	54	31.15	27.6	17.32	31.17	298	9	A	H
	*	2437	119.63	-	-	105.89	27.48	17.4	31.14	298	9	P	H
	*	2437	109.89	-	-	96.15	27.48	17.4	31.14	298	9	A	H
802.11ax		2491.68	55.82	-18.18	74	41.91	27.53	17.49	31.11	298	9	P	H
HE20 Full		2483.6	46.27	-7.73	54	32.4	27.51	17.48	31.12	298	9	A	H
CH 06		2322.32	55.6	-18.4	74	41.6	27.99	17.22	31.21	100	69	P	V
2437MHz		2389.8	44.8	-9.2	54	30.98	27.67	17.32	31.17	100	69	A	V
	*	2437	115.65	-	-	101.95	27.44	17.4	31.14	100	69	P	V
	*	2437	106.79	-	-	93.09	27.44	17.4	31.14	100	69	A	V
		2498.08	55.73	-18.27	74	41.82	27.52	17.5	31.11	100	69	P	V
		2483.6	45.24	-8.76	54	31.4	27.48	17.48	31.12	100	69	A	V

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)
	*	2462	113.27	-	-	99.48	27.48	17.44	31.13	397	137	P	H
	*	2462	105.59	-	-	91.8	27.48	17.44	31.13	397	137	A	H
		2486.6	60.28	-13.72	74	46.4	27.52	17.48	31.12	397	137	P	H
		2486.12	49.11	-4.89	54	35.23	27.52	17.48	31.12	397	137	A	H
8802.11ax													H
HE20 Full													H
CH 11	*	2458	116.26	-	-	102.54	27.41	17.44	31.13	301	216	P	V
2462MHz	*	2460	108.48	-	-	94.75	27.42	17.44	31.13	301	216	A	V
		2485.48	62.61	-11.39	74	48.76	27.49	17.48	31.12	301	216	P	V
		2485.92	52.59	-1.41	54	38.74	27.49	17.48	31.12	301	216	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

2.4GHz 2400~2483.5MHz

WIFI 802.11 ax HE20 Full (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)
		4824	39.38	-34.62	74	52.68	31.36	11.81	56.47	100	0	P	H
													H
802.11ax													H
HE20 Full													H
CH 01		4824	39.77	-34.23	74	53.06	31.37	11.81	56.47	100	0	P	V
2412MHz													V
													V
													V
		4874	39.5	-34.5	74	52.96	31.31	11.68	56.45	100	0	P	H
		7311	43.82	-30.18	74	49.96	36.36	14.13	56.63	100	0	P	H
802.11ax													H
HE20 Full													H
CH 06		4874	39.01	-34.99	74	52.52	31.26	11.68	56.45	100	0	P	V
2437MHz		7311	43.82	-30.18	74	49.97	36.35	14.13	56.63	100	0	P	V
													V
													V
		4924	37.87	-36.13	74	51.42	31.34	11.54	56.43	100	0	P	H
		7386	43.86	-30.14	74	49.81	36.39	14.2	56.54	100	0	P	H
802.11ax													H
HE20 Full													H
CH 11		4924	37.45	-36.55	74	51.04	31.3	11.54	56.43	100	0	P	V
2462MHz		7386	42.96	-31.04	74	48.94	36.36	14.2	56.54	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

2.4GHz 2400~2483.5MHz

WIFI 802.11 ax 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)
		2389.8	59.2	-14.8	74	45.45	27.6	17.32	31.17	114	296	P	H
		2389.94	50.11	-3.89	54	36.36	27.6	17.32	31.17	114	296	A	H
	*	2422	109.88	-	-	96.15	27.5	17.38	31.15	114	296	P	H
	*	2422	101.16	-	-	87.43	27.5	17.38	31.15	114	296	A	H
802.11ax		2499.28	55.03	-18.97	74	41.1	27.54	17.5	31.11	114	296	P	H
HE40 Full		2484.32	45.52	-8.48	54	31.65	27.51	17.48	31.12	114	296	A	H
CH 03		2389.94	64.8	-9.2	74	50.99	27.66	17.32	31.17	300	217	P	V
2422MHz		2389.94	52.32	-1.68	54	38.51	27.66	17.32	31.17	300	217	A	V
	*	2422	113.68	-	-	99.95	27.5	17.38	31.15	300	217	P	V
	*	2422	105.99	-	-	92.26	27.5	17.38	31.15	300	217	A	V
		2488.64	56.43	-17.57	74	42.56	27.5	17.49	31.12	300	217	P	V
		2485.92	46.49	-7.51	54	32.64	27.49	17.48	31.12	300	217	A	V
		2316.86	56.17	-17.83	74	42.18	27.98	17.22	31.21	383	284	P	H
		2389.66	45.16	-8.84	54	31.41	27.6	17.32	31.17	383	284	A	H
	*	2437	110.33	-	-	96.59	27.48	17.4	31.14	383	284	P	H
	*	2437	102.34	-	-	88.6	27.48	17.4	31.14	383	284	A	H
802.11ax		2483.68	56.1	-17.9	74	42.23	27.51	17.48	31.12	383	284	P	H
HE40 Full		2483.52	46.37	-7.63	54	32.5	27.51	17.48	31.12	383	284	A	H
CH 06		2389.24	56.23	-17.77	74	42.41	27.67	17.32	31.17	169	210	P	V
2437MHz		2389.94	46.32	-7.68	54	32.51	27.66	17.32	31.17	169	210	A	V
	*	2437	111.28	-	-	97.58	27.44	17.4	31.14	169	210	P	V
	*	2437	102.14	-	-	88.44	27.44	17.4	31.14	169	210	A	V
		2484.4	62.97	-11.03	74	49.12	27.49	17.48	31.12	169	210	P	V
		2483.76	53.36	-0.64	54	39.52	27.48	17.48	31.12	169	210	A	V

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)
		2342.34	55.44	-18.56	74	41.53	27.86	17.25	31.2	360	132	P	H
		2310.84	44.87	-9.13	54	30.86	28.01	17.21	31.21	360	132	A	H
	*	2452	108.93	-	-	95.18	27.46	17.43	31.14	360	132	P	H
	*	2452	100.13	-	-	86.38	27.46	17.43	31.14	360	132	A	H
802.11ax		2483.92	57.98	-16.02	74	44.11	27.51	17.48	31.12	360	132	P	H
HE40 Full		2483.52	48.22	-5.78	54	34.35	27.51	17.48	31.12	360	132	A	H
CH 09		2349.2	55.96	-18.04	74	41.89	28	17.26	31.19	278	136	P	V
2452MHz		2349.9	45.06	-8.94	54	30.99	28	17.26	31.19	278	136	A	V
	*	2452	109.65	-	-	95.96	27.4	17.43	31.14	278	136	P	V
	*	2452	101.55	-	-	87.86	27.4	17.43	31.14	278	136	A	V
		2483.52	63.41	-10.59	74	49.57	27.48	17.48	31.12	278	136	P	V
		2483.52	53.65	-0.35	54	39.81	27.48	17.48	31.12	278	136	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

2.4GHz 2400~2483.5MHz

WIFI 802.11 ax HE40 Full (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)
		4844	39.37	-34.63	74	52.74	31.33	11.76	56.46	100	0	P	H
		7266	44.85	-29.15	74	51.08	36.36	14.09	56.68	100	0	P	H
802.11ax													H
HE40 Full													H
CH 03		4844	39.09	-34.91	74	52.47	31.32	11.76	56.46	100	0	P	V
2422MHz		7266	45.35	-28.65	74	51.6	36.34	14.09	56.68	100	0	P	V
													V
													V
		4874	39.31	-34.69	74	52.77	31.31	11.68	56.45	100	0	P	H
		7311	43.88	-30.12	74	50.02	36.36	14.13	56.63	100	0	P	H
802.11ax													H
HE40 Full													H
CH 06		4874	38.69	-35.31	74	52.2	31.26	11.68	56.45	100	0	P	V
2437MHz		7311	44.99	-29.01	74	51.14	36.35	14.13	56.63	100	0	P	V
													V
													V
		4904	38.8	-35.2	74	52.34	31.31	11.59	56.44	100	0	P	H
		7356	44.51	-29.49	74	50.57	36.34	14.17	56.57	100	0	P	H
802.11ax													H
HE40 Full													H
CH 09		4904	38.1	-35.9	74	51.72	31.23	11.59	56.44	100	0	P	V
2452MHz		7356	43.87	-30.13	74	49.96	36.31	14.17	56.57	100	0	P	V
													V
													V

Remark

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

Emission below 1GHz

2.4GHz WIFI 802.11g (LF)

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)
2.4GHz 802.11g LF		30	21.73	-18.27	40	28.58	24.7	0.93	32.48	-	-	P	H
		104.69	22.28	-21.22	43.5	36.44	16.57	1.69	32.42	-	-	P	H
		130.88	25.16	-18.34	43.5	37.97	17.7	1.92	32.43	-	-	P	H
		517.91	24.4	-21.6	46	29.33	24	3.63	32.56	-	-	P	H
		859.35	31.18	-14.82	46	29.01	29.2	4.86	31.89	-	-	P	H
		941.8	33	-13	46	28.7	30.57	5	31.27	100	0	P	H
													H
													H
													H
													H
													H
													H
		30	26.74	-13.26	40	33.59	24.7	0.93	32.48	-	-	P	V
		57.16	27.7	-12.3	40	46.72	11.88	1.54	32.44	100	0	P	V
		123.12	28.17	-15.33	43.5	41.19	17.6	1.8	32.42	-	-	P	V
		333.61	22.78	-23.22	46	32.47	19.87	2.87	32.43	-	-	P	V
		796.3	30.11	-15.89	46	29.62	28.1	4.6	32.21	-	-	P	V
		942.77	33.27	-12.73	46	28.92	30.61	5	31.26	-	-	P	V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												

<Band-edge Unmodulated>

2.4GHz 2400~2483.5MHz

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

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		2389.695	69.7	-4.3	74	55.95	27.6	17.32	31.17	334	180	P	H
		2390	53.61	-0.39	54	39.85	27.6	17.33	31.17	334	180	A	H
	*	2412	118.09	-	-	104.37	27.52	17.36	31.16	334	180	P	H
802.11ax	*	2412	109.21	-	-	95.49	27.52	17.36	31.16	334	180	A	H
HE20 Full													H
CH 01		2387.07	68.6	-5.4	74	54.76	27.69	17.32	31.17	264	136	P	V
2412MHz		2390	53.62	-0.38	54	39.8	27.66	17.33	31.17	264	136	A	V
	*	2412	119.45	-	-	105.72	27.53	17.36	31.16	264	136	P	V
	*	2412	111.48	-	-	97.75	27.53	17.36	31.16	264	136	A	V
													V
	*	2462	119.18	-	-	105.39	27.48	17.44	31.13	366	145	P	H
	*	2462	109.51	-	-	95.72	27.48	17.44	31.13	366	145	A	H
		2487	70.16	-3.84	74	56.28	27.52	17.48	31.12	366	145	P	H
8802.11ax		2483.52	49.06	-4.94	54	35.19	27.51	17.48	31.12	366	145	A	H
HE20 Full													H
CH 11	*	2462	117.19	-	-	103.46	27.42	17.44	31.13	256	138	P	V
2462MHz	*	2462	108.77	-	-	95.04	27.42	17.44	31.13	256	138	A	V
		2484.48	72.26	-1.74	74	58.41	27.49	17.48	31.12	256	138	P	V
		2484.2	53.38	-0.62	54	39.53	27.49	17.48	31.12	256	138	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

2.4GHz 2400~2483.5MHz

WIFI 802.11 ax 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)
		2389.66	70.45	-3.55	74	56.7	27.6	17.32	31.17	380	146	P	H
		2389.94	53.38	-0.62	54	39.63	27.6	17.32	31.17	380	146	A	H
	*	2422	113.75	-	-	100.02	27.5	17.38	31.15	380	146	P	H
	*	2422	105.41	-	-	91.68	27.5	17.38	31.15	380	146	A	H
802.11ax		2486	62.4	-11.6	74	48.52	27.52	17.48	31.12	380	146	P	H
HE40 Full		2484.96	45	-9	54	31.12	27.52	17.48	31.12	380	146	A	H
CH 03		2389.1	73.29	-0.71	74	59.47	27.67	17.32	31.17	263	132	P	V
2422MHz		2388.82	52.95	-1.05	54	39.13	27.67	17.32	31.17	263	132	A	V
	*	2422	114.5	-	-	100.77	27.5	17.38	31.15	263	132	P	V
	*	2422	105.47	-	-	91.74	27.5	17.38	31.15	263	132	A	V
		2486.56	62.06	-11.94	74	48.21	27.49	17.48	31.12	263	132	P	V
		2484.48	45.22	-8.78	54	31.37	27.49	17.48	31.12	263	132	A	V
		2328.62	55.51	-18.49	74	41.56	27.92	17.23	31.2	195	230	P	H
		2389.52	44.54	-9.46	54	30.79	27.6	17.32	31.17	195	230	A	H
	*	2452	111.4	-	-	97.65	27.46	17.43	31.14	195	230	P	H
	*	2452	102.4	-	-	88.65	27.46	17.43	31.14	195	230	A	H
802.11ax		2487.36	68.06	-5.94	74	54.18	27.52	17.48	31.12	195	230	P	H
HE40 Full		2484.24	47.95	-6.05	54	34.08	27.51	17.48	31.12	195	230	A	H
CH 09		2380.28	55.63	-18.37	74	41.74	27.75	17.31	31.17	288	138	P	V
2452MHz		2343.18	44.8	-9.2	54	30.74	28	17.25	31.19	288	138	A	V
	*	2452	112.41	-	-	98.72	27.4	17.43	31.14	288	138	P	V
	*	2452	103.42	-	-	89.73	27.4	17.43	31.14	288	138	A	V
		2484.72	71.86	-2.14	74	58.01	27.49	17.48	31.12	288	138	P	V
		2484.4	50.34	-3.66	54	36.49	27.49	17.48	31.12	288	138	A	V

Remark

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

Emission below 1GHz

2.4GHz WIFI 802.11ax HE20 (LF)

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)
		36.79	22.35	-17.65	40	32.23	21.53	1.06	32.47	-	-	P	H
		105.66	24.8	-18.7	43.5	38.86	16.67	1.69	32.42	-	-	P	H
		135.73	27.19	-16.31	43.5	39.91	17.7	2.01	32.43	-	-	P	H
		746.83	31.8	-14.2	46	31.54	28.2	4.46	32.4	-	-	P	H
		782.72	32.04	-13.96	46	31.63	28.1	4.56	32.25	100	0	P	H
		962.17	34.15	-19.85	54	29.13	31	5.09	31.07	-	-	P	H
													H
													H
													H
													H
2.4GHz													H
802.11ax													H
HE20		37.76	27.48	-12.52	40	37.86	21.02	1.06	32.46	100	0	P	V
LF		60.07	26.49	-13.51	40	45.61	11.7	1.62	32.44	-	-	P	V
		123.12	29	-14.5	43.5	42.02	17.6	1.8	32.42	-	-	P	V
		412.18	23.28	-22.72	46	30.18	22.39	3.19	32.48	-	-	P	V
		730.34	29.42	-16.58	46	29.78	27.61	4.45	32.42	-	-	P	V
		960.23	33.94	-20.06	54	28.94	31	5.08	31.08	-	-	P	V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												

<Middle Unmodulated>

2.4GHz 2400~2483.5MHz

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

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		2389.38	67.63	-6.37	74	53.88	27.6	17.32	31.17	377	225	P	H
		2389.695	49.17	-4.83	54	35.42	27.6	17.32	31.17	377	225	A	H
	*	2412	111.46	-	-	97.74	27.52	17.36	31.16	377	225	P	H
802.11ax	*	2412	103.42	-	-	89.7	27.52	17.36	31.16	377	225	A	H
HE20 Full													H
CH 01		2388.75	69.82	-4.18	74	56	27.67	17.32	31.17	300	222	P	V
2412MHz		2390	52.87	-1.13	54	39.05	27.66	17.33	31.17	300	222	A	V
	*	2412	111.69	-	-	97.96	27.53	17.36	31.16	300	222	P	V
	*	2412	103.99	-	-	90.26	27.53	17.36	31.16	300	222	A	V
													V
	*	2462	109.31	-	-	95.52	27.48	17.44	31.13	376	229	P	H
	*	2462	100.75	-	-	86.96	27.48	17.44	31.13	376	229	A	H
		2483.52	69.49	-4.51	74	55.62	27.51	17.48	31.12	376	229	P	H
8802.11ax		2483.52	52.32	-1.68	54	38.45	27.51	17.48	31.12	376	229	A	H
HE20 Full													H
CH 11	*	2462	111.06	-	-	97.33	27.42	17.44	31.13	295	213	P	V
2462MHz	*	2462	103.04	-	-	89.31	27.42	17.44	31.13	295	213	A	V
		2484.28	70.87	-3.13	74	57.02	27.49	17.48	31.12	295	213	P	V
		2485.8	52.4	-1.6	54	38.55	27.49	17.48	31.12	295	213	A	V
													V

Remark

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

2.4GHz 2400~2483.5MHz

WIFI 802.11 ax 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)
		2389.52	67.5	-6.5	74	53.75	27.6	17.32	31.17	340	225	P	H
		2388.88	49.06	-4.94	54	35.31	27.6	17.32	31.17	340	225	A	H
	*	2422	111.26	-	-	97.53	27.5	17.38	31.15	340	225	P	H
	*	2422	102.39	-	-	88.66	27.5	17.38	31.15	340	225	A	H
802.11ax		2488.64	58.73	-15.27	74	44.84	27.52	17.49	31.12	340	225	P	H
HE40 Full		2484.48	45.46	-8.54	54	31.58	27.52	17.48	31.12	340	225	A	H
CH 03		2390	65.49	-8.51	74	51.67	27.66	17.33	31.17	297	225	P	V
2422MHz		2390	49.74	-4.26	54	35.92	27.66	17.33	31.17	297	225	A	V
	*	2422	112.23	-	-	98.5	27.5	17.38	31.15	297	225	P	V
	*	2422	103.46	-	-	89.73	27.5	17.38	31.15	297	225	A	V
		2490.88	58.77	-15.23	74	44.89	27.5	17.49	31.11	297	225	P	V
		2490.16	45.88	-8.12	54	32.01	27.5	17.49	31.12	297	225	A	V
		2330.64	55.24	-18.76	74	41.29	27.91	17.24	31.2	304	225	P	H
		2319.76	44.83	-9.17	54	30.85	27.97	17.22	31.21	304	225	A	H
	*	2452	110.28	-	-	96.53	27.46	17.43	31.14	304	225	P	H
	*	2452	101.15	-	-	87.4	27.46	17.43	31.14	304	225	A	H
802.11ax		2484.56	64.56	-9.44	74	50.68	27.52	17.48	31.12	304	225	P	H
HE40 Full		2483.52	50.53	-3.47	54	36.66	27.51	17.48	31.12	304	225	A	H
CH 09		2378.16	55.11	-18.89	74	41.22	27.76	17.31	31.18	300	214	P	V
2452MHz		2315.12	44.93	-9.07	54	30.94	27.99	17.21	31.21	300	214	A	V
	*	2452	111.77	-	-	98.08	27.4	17.43	31.14	300	214	P	V
	*	2452	102.52	-	-	88.83	27.4	17.43	31.14	300	214	A	V
		2484.4	68.68	-5.32	74	54.83	27.49	17.48	31.12	300	214	P	V
		2489.36	52.35	-1.65	54	38.48	27.5	17.49	31.12	300	214	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Emission below 1GHz

2.4GHz WIFI 802.11ax HE20 (LF)

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)
		33.88	20.97	-19.03	40	29.36	23.07	1.01	32.47	-	-	P	H
		108.57	22.72	-20.78	43.5	36.48	16.96	1.7	32.42	-	-	P	H
		139.61	25.15	-18.35	43.5	37.9	17.6	2.07	32.42	-	-	P	H
		638.19	28.47	-17.53	46	30.52	26.46	4.06	32.57	-	-	P	H
		763.32	32.52	-13.48	46	32.28	28.1	4.5	32.36	100	0	P	H
		973.81	34.44	-19.56	54	29.44	30.82	5.17	30.99	-	-	P	H
													H
													H
													H
													H
2.4GHz													H
802.11ax													H
HE20		35.82	26.27	-13.73	40	35.61	22.09	1.04	32.47	-	-	P	V
LF		59.1	27.88	-12.12	40	47.03	11.7	1.59	32.44	-	-	P	V
		120.21	19.85	-23.65	43.5	33	17.52	1.75	32.42	-	-	P	V
		123.12	28	-15.5	43.5	41.02	17.6	1.8	32.42	-	-	P	V
		336.52	25.11	-20.89	46	34.66	20.01	2.87	32.43	-	-	P	V
		937.92	34.34	-11.66	46	30.24	30.42	4.99	31.31	100	0	P	V
													V
													V
													V
													V
													V
													V

Remark

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

Note symbol

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

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

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)
802.11b CH 01 2412MHz		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
		2390	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H

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

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

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

For Peak Limit @ 2390MHz:

1. Level(dBµV/m)

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

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

= 55.45 (dBµV/m)

2. Over Limit(dB)

= Level(dBµV/m) – Limit Line(dBµV/m)

= 55.45(dBµV/m) – 74(dBµV/m)

= -18.55(dB)

For Average Limit @ 2390MHz:

1. Level(dBµV/m)

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

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

= 43.54 (dBµV/m)

2. Over Limit(dB)

= Level(dBµV/m) – Limit Line(dBµV/m)

= 43.54(dBµV/m) – 54(dBµV/m)

= -10.46(dB)

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

Appendix D. Radiated Spurious Emission Plots

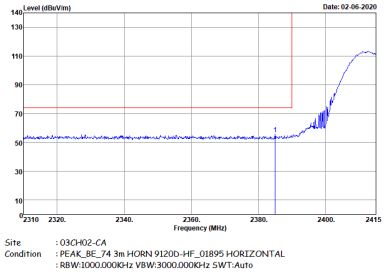
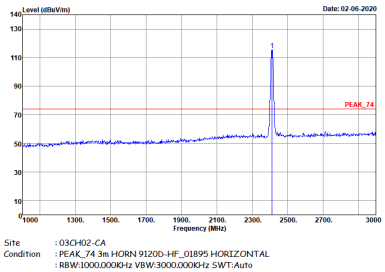
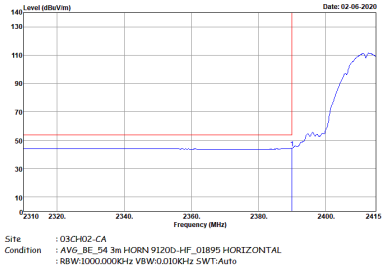
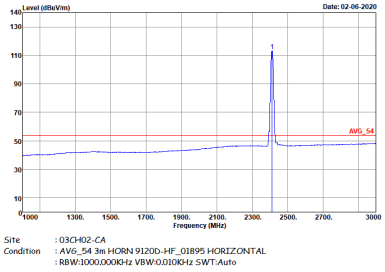
Test Engineer :	Calvin Wu, Leo Luo, and Jacky Hong	**Temperature :**	19~22℃
		Relative Humidity :	36 ~45%

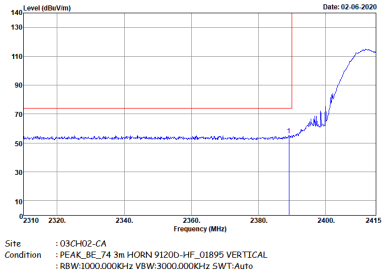
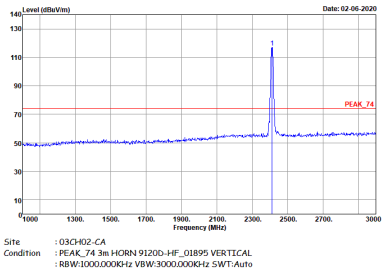
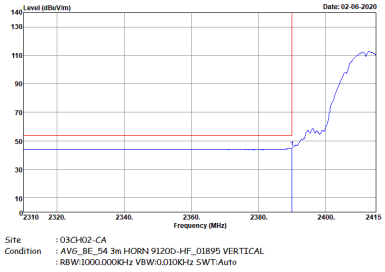
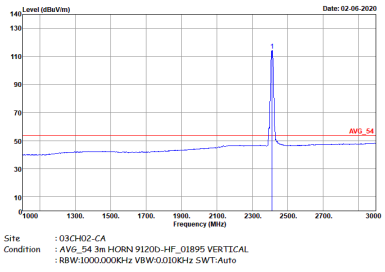
Note symbol

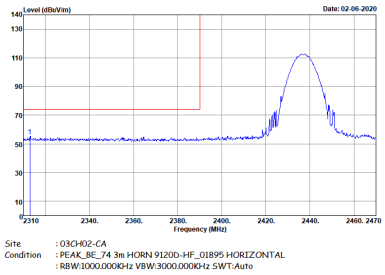
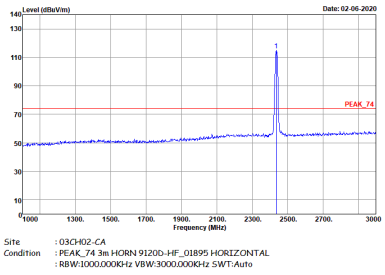
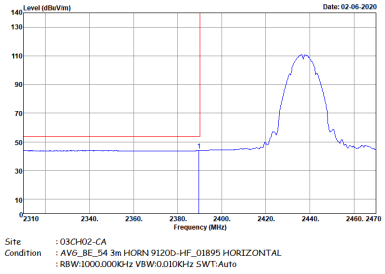
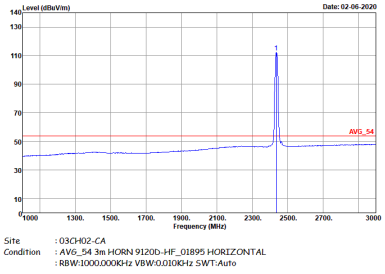
-L	**Low channel location**
-R	**High channel location**

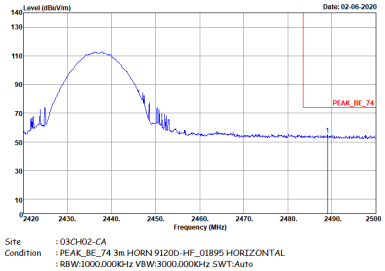
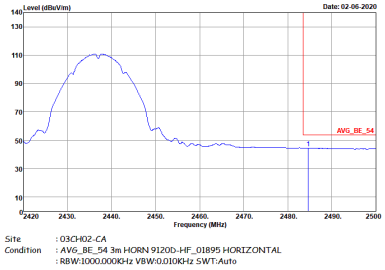
2.4GHz 2400~2483.5MHz

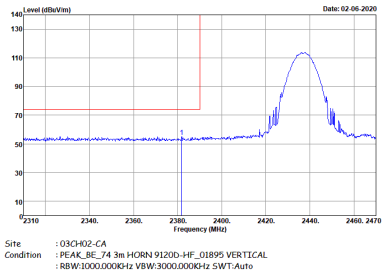
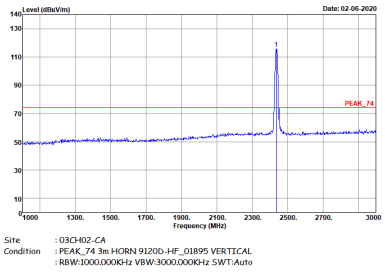
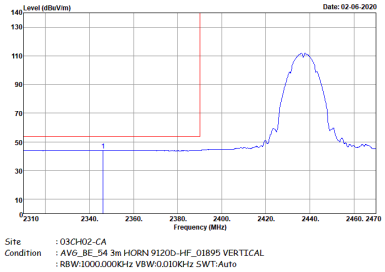
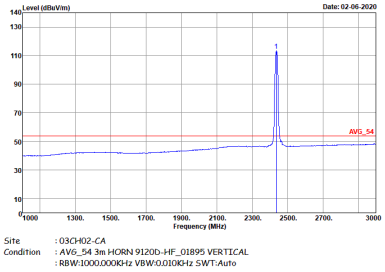
WIFI 802.11b (Band Edge @ 3m)

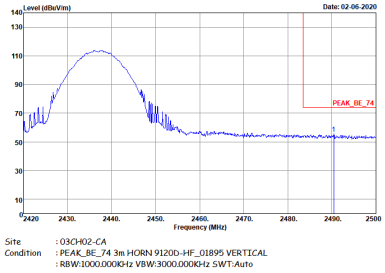
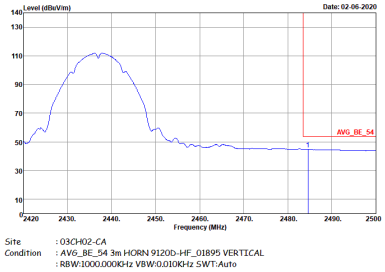
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH01 2412MHz	
1+2	Horizontal	Fundamental
Peak		
Avg.		

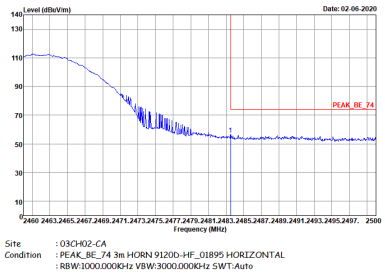
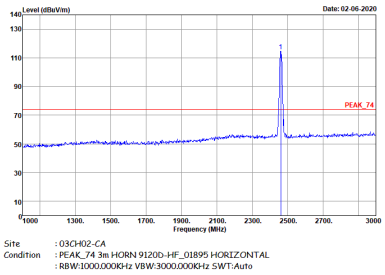
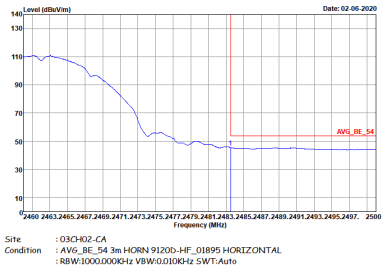
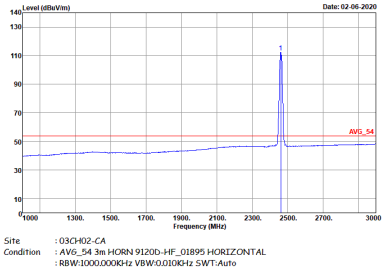
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH01 2412MHz	
1+2	Vertical	Fundamental
Peak		
Avg.		

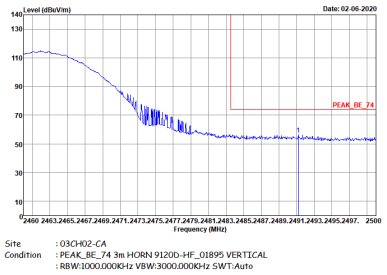
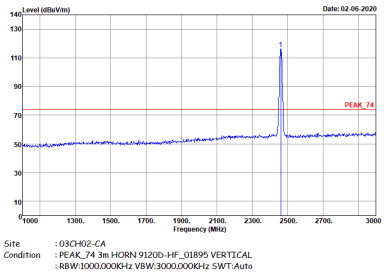
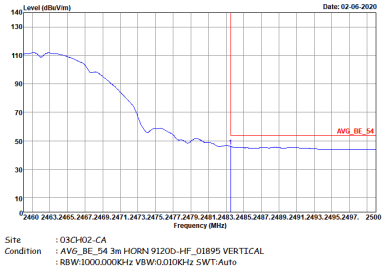
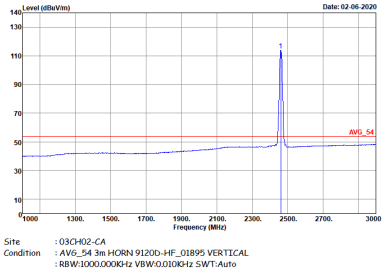
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH02-CA Condition : PEAK_74 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_54 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

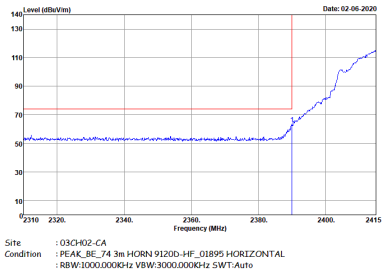
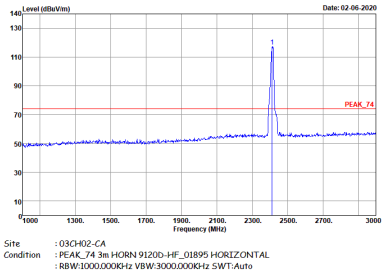
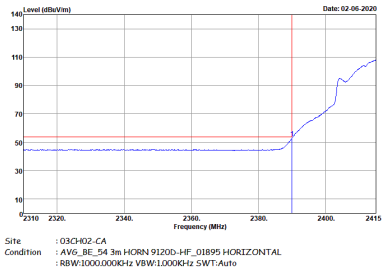
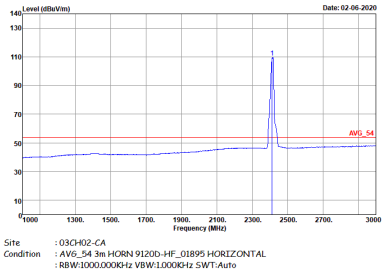
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

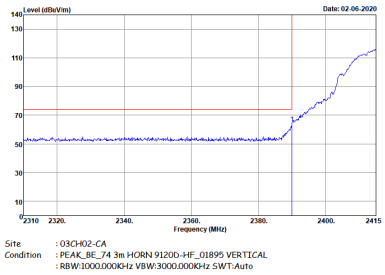
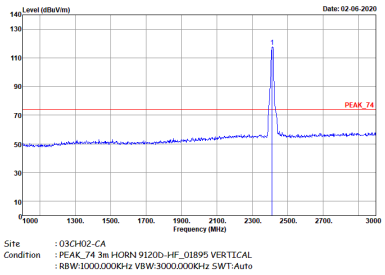
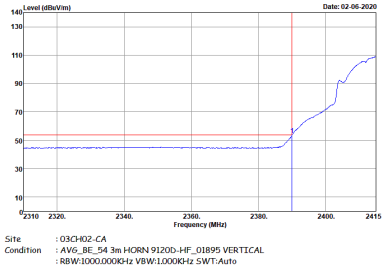
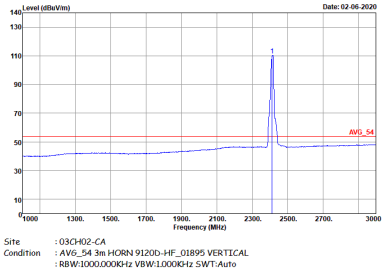
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH11 2462MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH02-CA Condition : PEAK_74 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_54 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

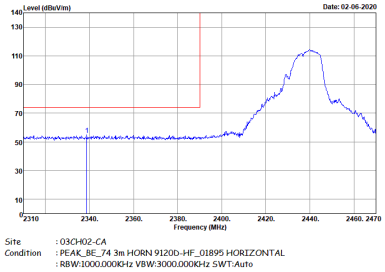
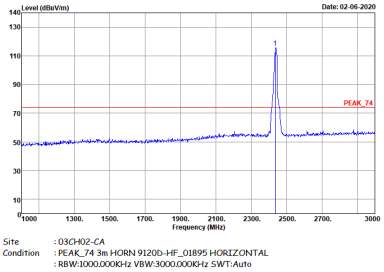
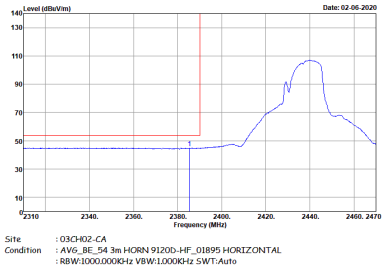
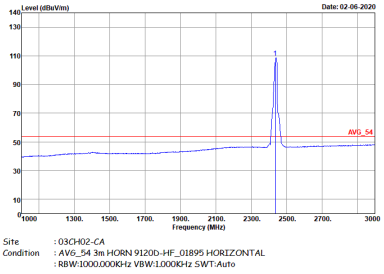
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH11 2462MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH02-CA Condition : PEAK_74 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_54 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

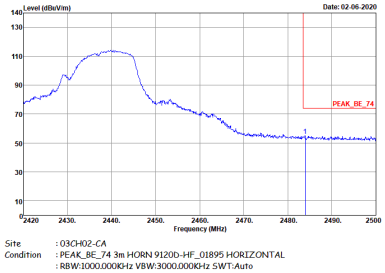
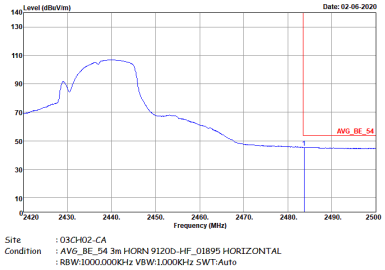
2.4GHz 2400~2483.5MHz

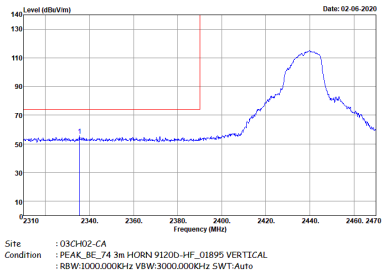
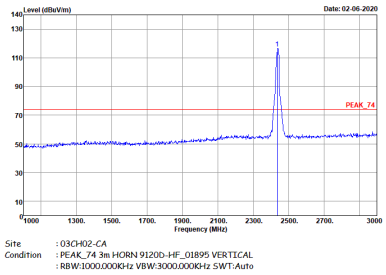
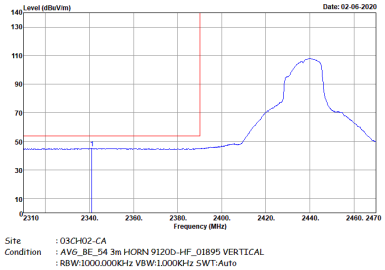
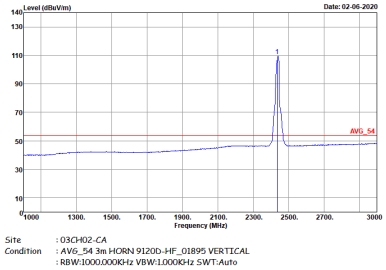
WIFI 802.11g (Band Edge @ 3m)

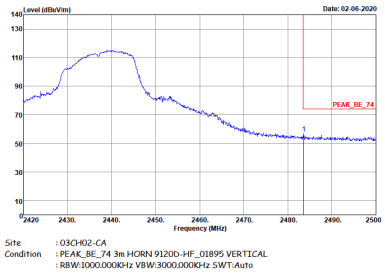
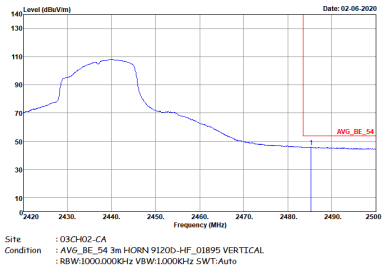
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH01 2412MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH02-CA Condition : PEAK_74 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_54 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto

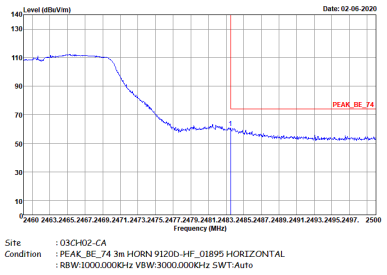
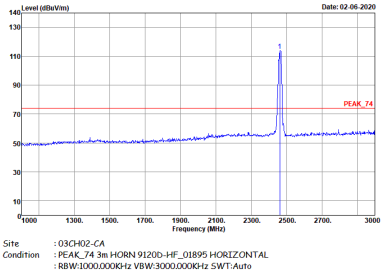
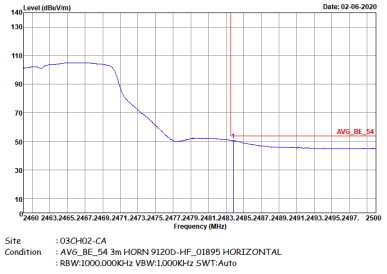
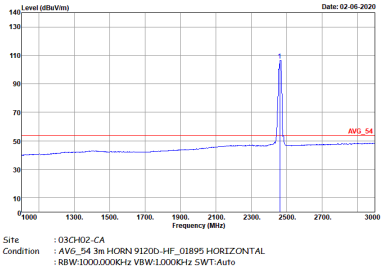
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH01 2412MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH02-CA Condition : PEAK_74 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_54 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto

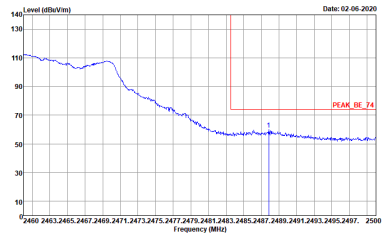
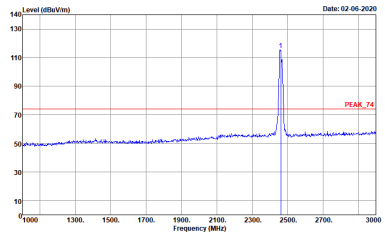
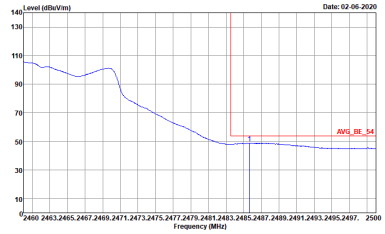
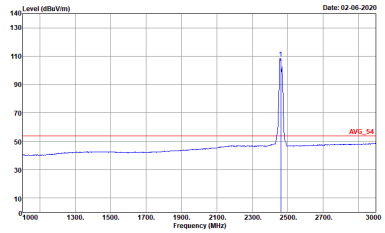
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH02-CA Condition : PEAK_74 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_54 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - L	
1+2	Vertical	Fundamental
Peak		
Avg.		

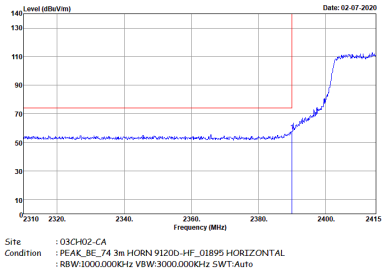
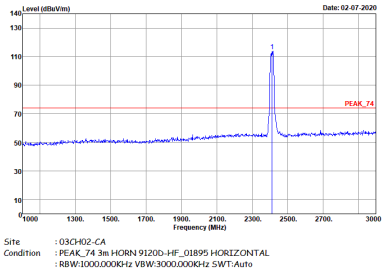
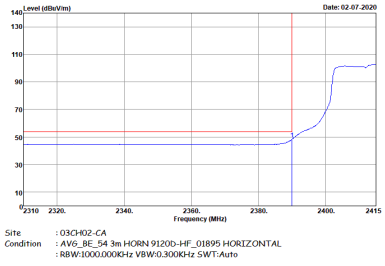
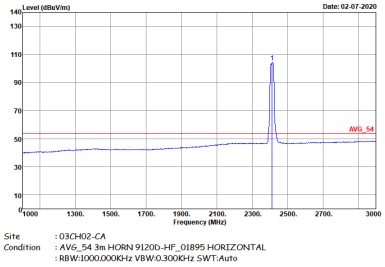
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
1+2	Vertical	Fundamental
Peak		Left Blank
Avg.		Left Blank

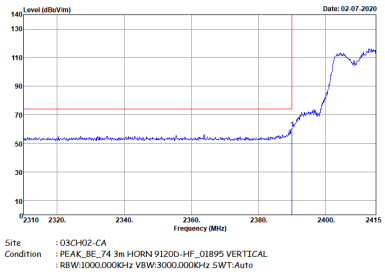
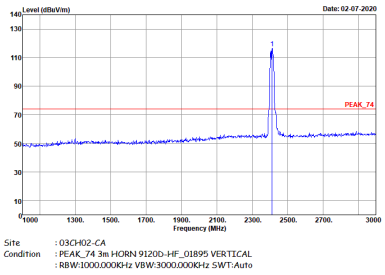
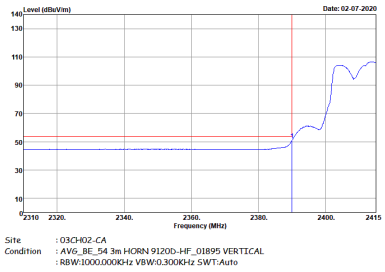
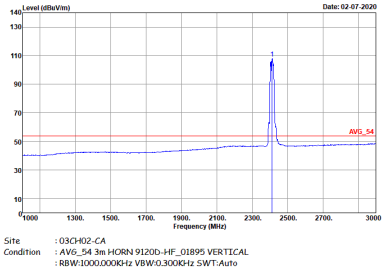
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH11 2462MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH02-CA Condition : PEAK_74 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_54 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto

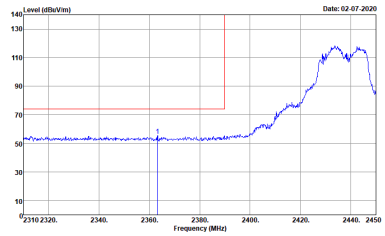
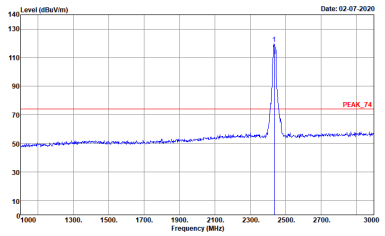
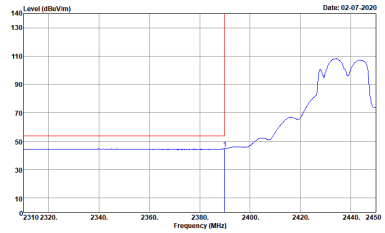
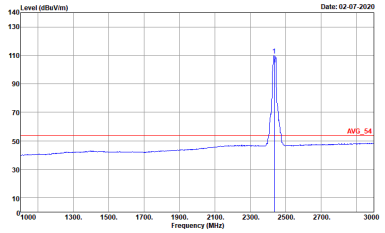
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH11 2462MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH02-CA Condition : PEAK_74 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_54 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto

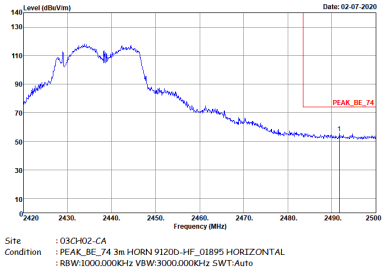
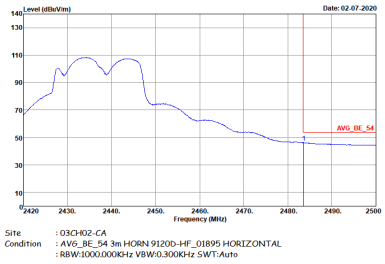
2.4GHz 2400~2483.5MHz

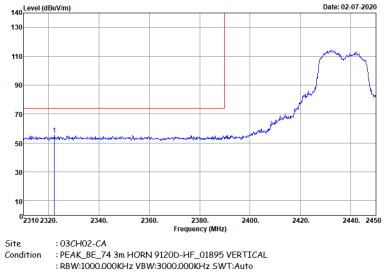
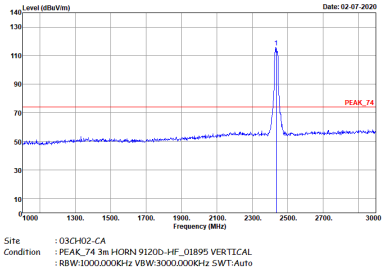
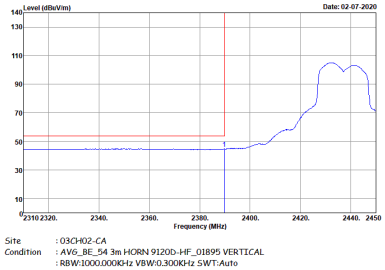
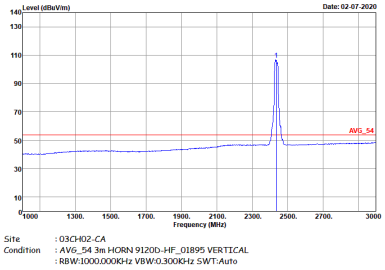
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

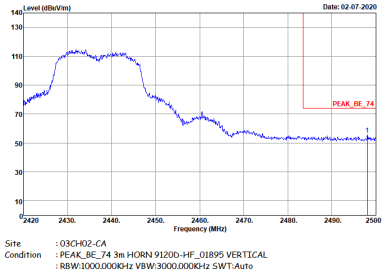
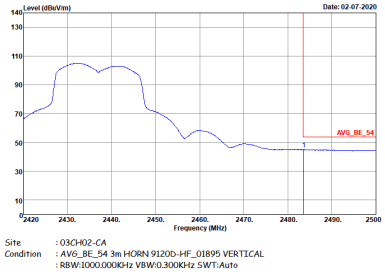
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH01 2412MHz	
1+2	Horizontal	Fundamental
Peak		
Avg.		

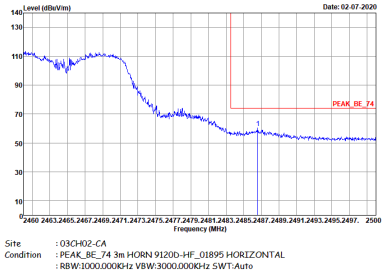
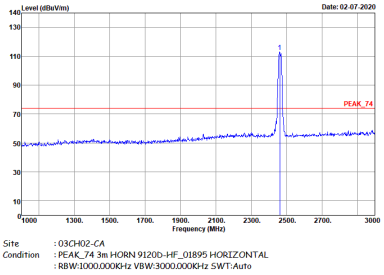
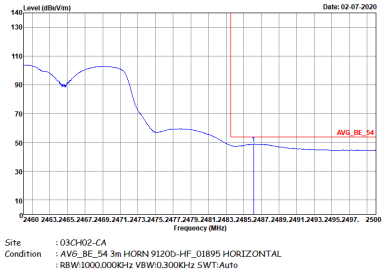
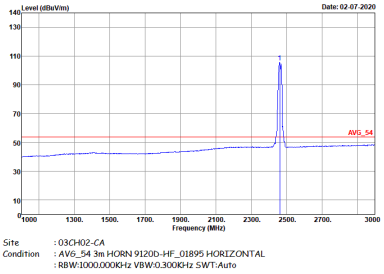
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH01 2412MHz	
1+2	Vertical	Fundamental
Peak		
Avg.		

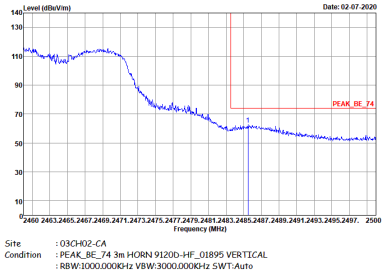
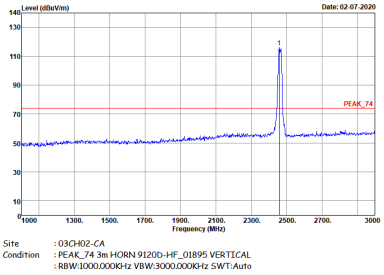
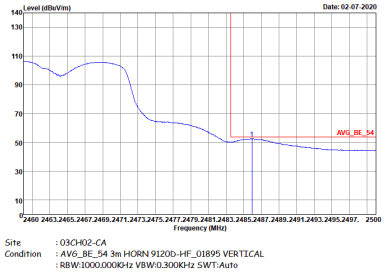
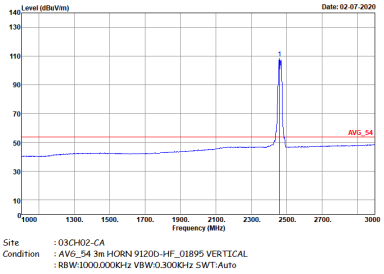
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH06 2437MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH02-CA Condition : PEAK_74 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_54 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH06 2437MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH06 2437MHz - L	
1+2	Vertical	Fundamental
Peak		
Avg.		

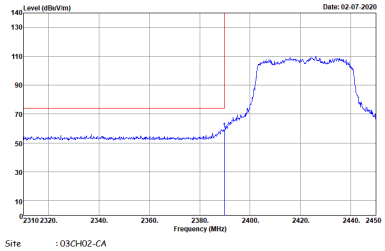
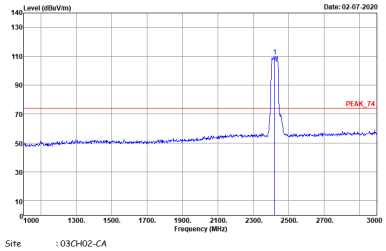
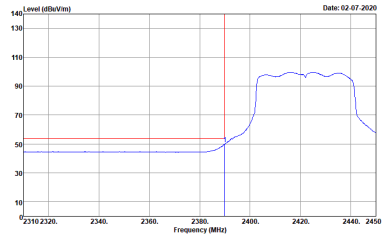
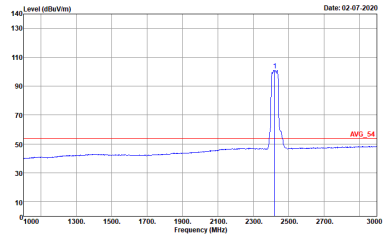
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH06 2437MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

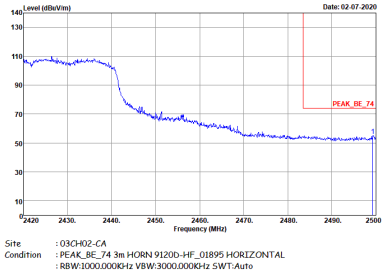
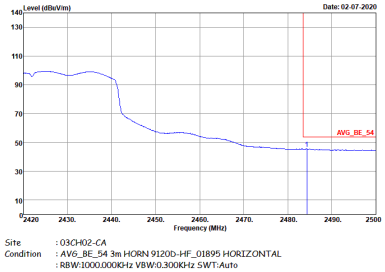
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH11 2462MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH02-CA Condition : PEAK_74 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_54 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto

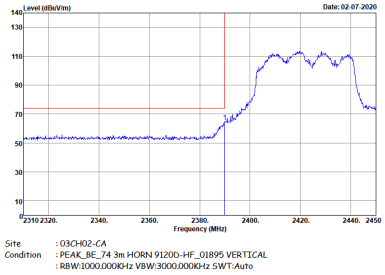
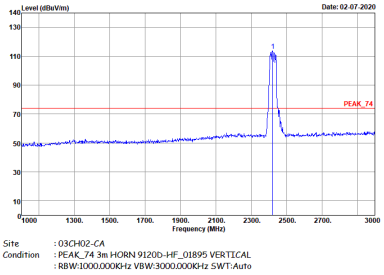
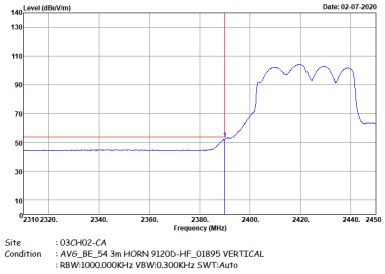
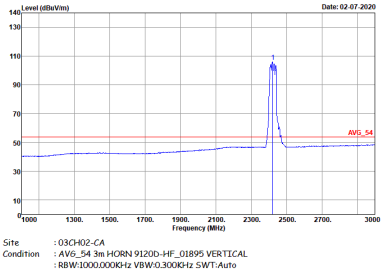
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH11 2462MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH02-CA Condition : PEAK_74 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_54 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto

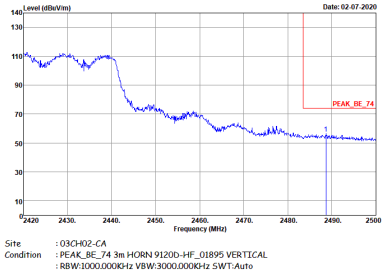
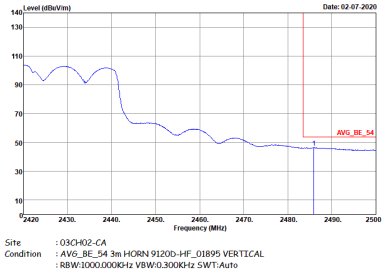
2.4GHz 2400~2483.5MHz

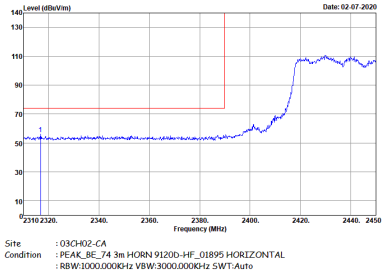
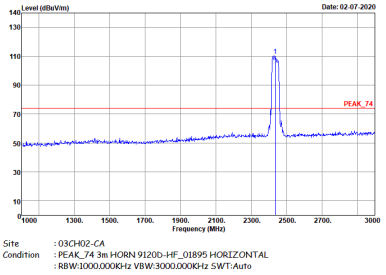
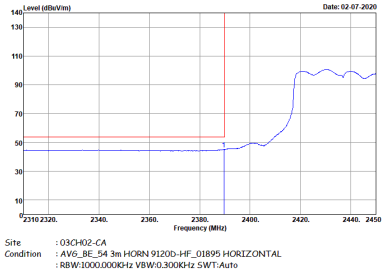
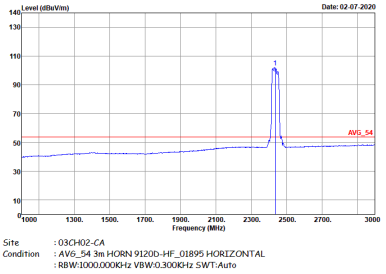
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

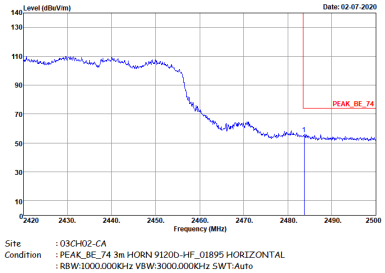
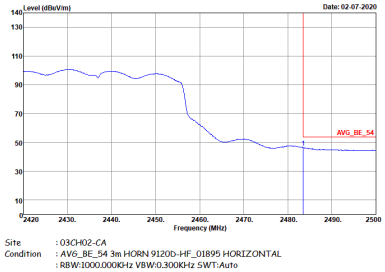
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH03 2422MHz - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		

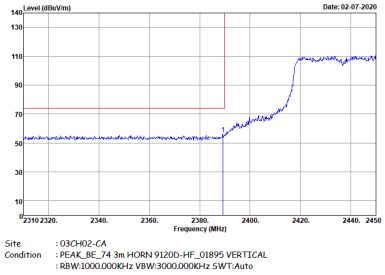
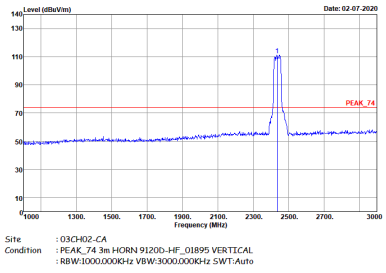
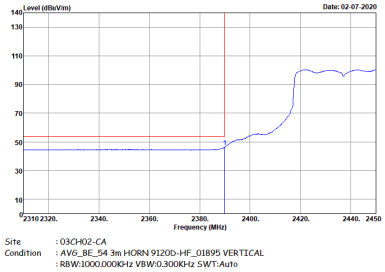
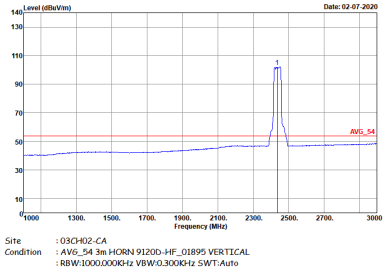
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH03 2422MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

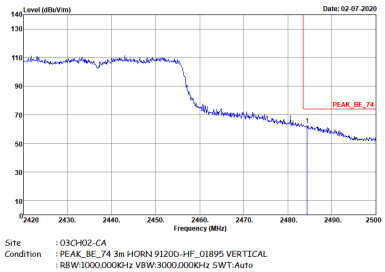
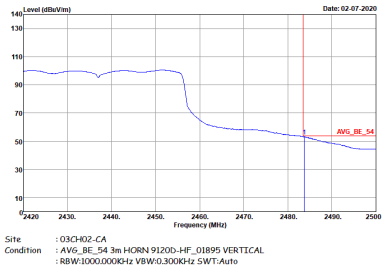
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH03 2422MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH02-CA Condition : PEAK_74 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_54 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto

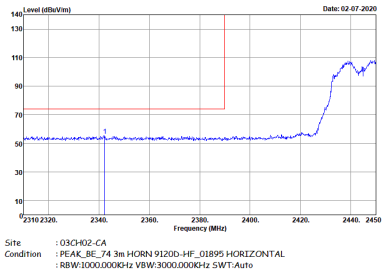
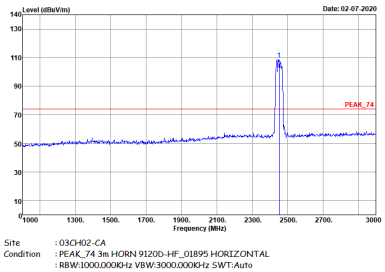
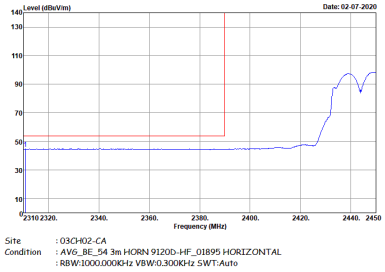
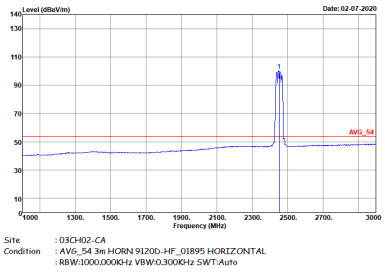
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH03 2422MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

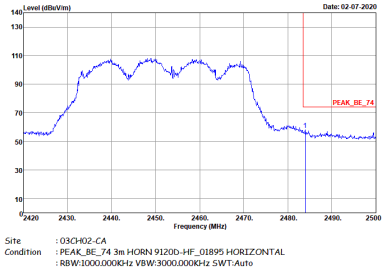
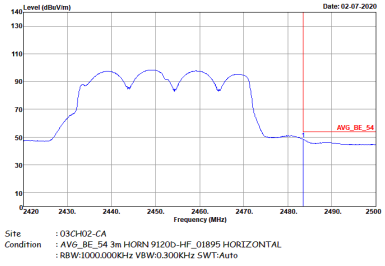
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH06 2437MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH02-CA Condition : PEAK_74 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_54 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto

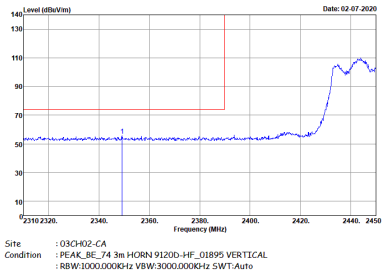
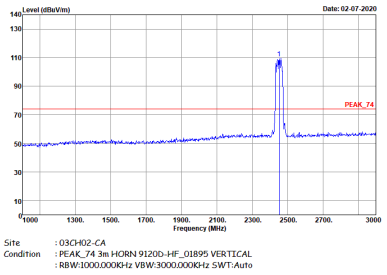
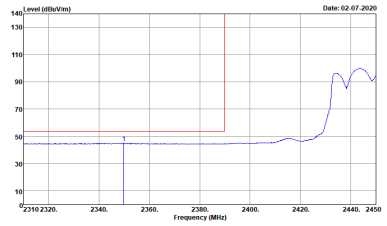
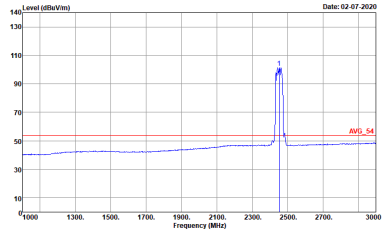
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH06 2437MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

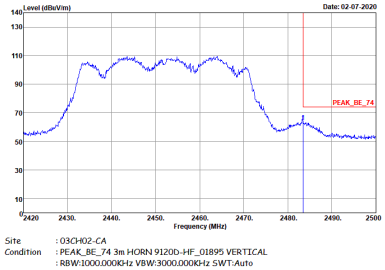
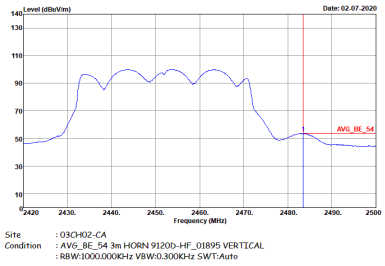
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH06 2437MHz - L	
1+2	Vertical	Fundamental
Peak		
Avg.		

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH06 2437MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH09 2452MHz - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		

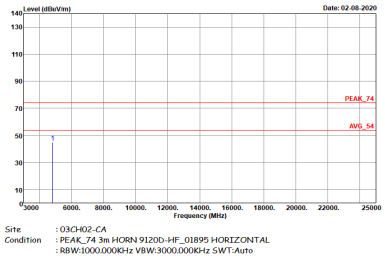
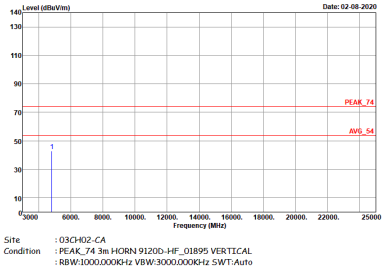
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH09 2452MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

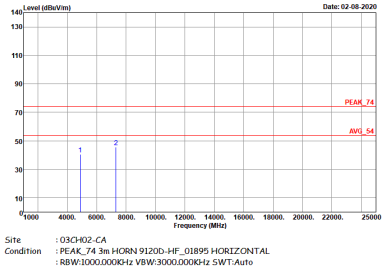
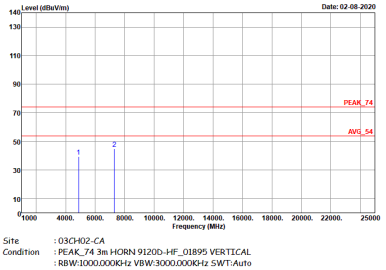
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH09 2452MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH02-CA Condition : PEAK_74 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_54 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto

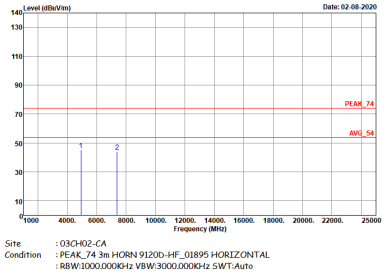
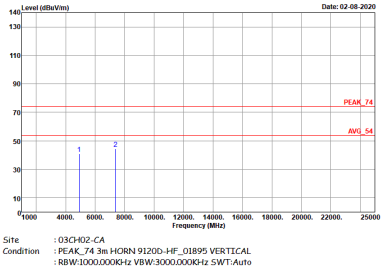
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH09 2452MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

2.4GHz 2400~2483.5MHz

WIFI 802.11b (Harmonic @ 3m)

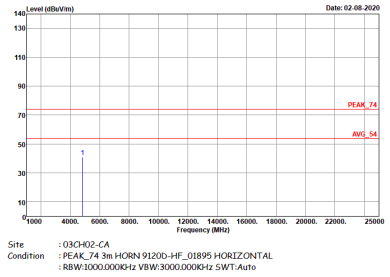
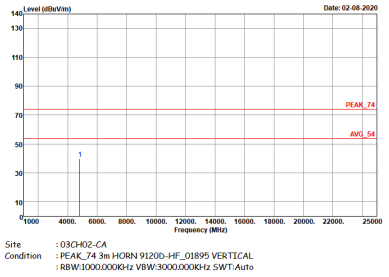
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH01 2412MHz	
1+2	Horizontal	Vertical
Peak Avg.		

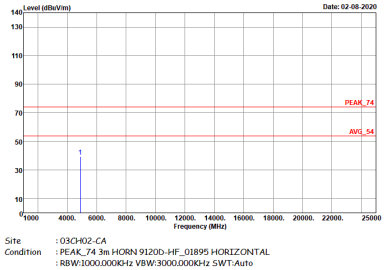
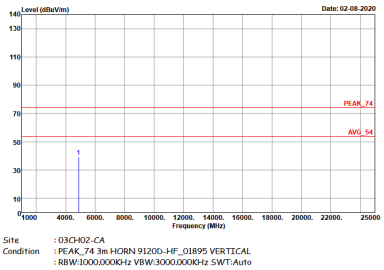
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH06 2437MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK_74 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH02-CA Condition : PEAK_74 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto

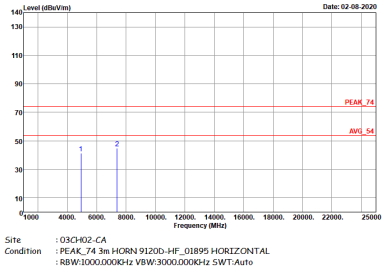
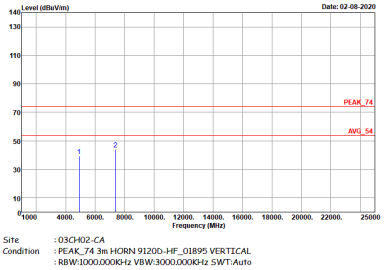
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH11 2462MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK_74 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH02-CA Condition : PEAK_74 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto

2.4GHz 2400~2483.5MHz

WIFI 802.11g (Harmonic @ 3m)

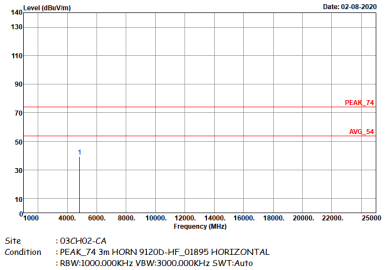
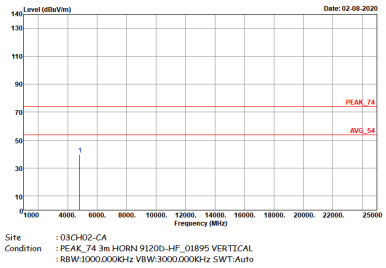
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH01 2412MHz	
1+2	Horizontal	Vertical
Peak Avg.		

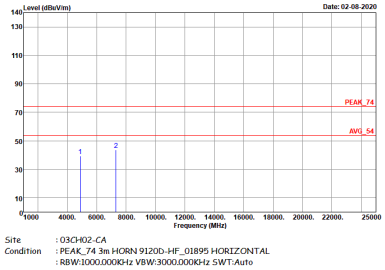
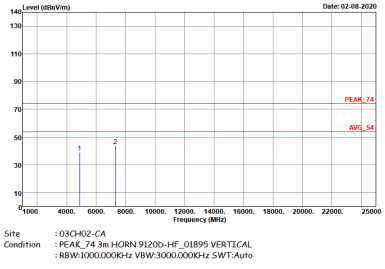
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH06 2437MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK_74 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH02-CA Condition : PEAK_74 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto

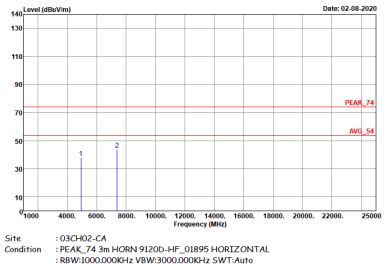
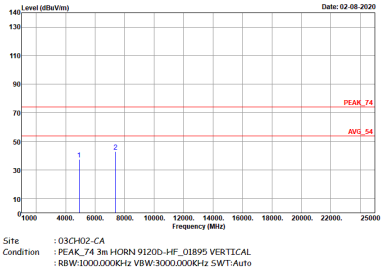
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH11 2462MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK_74 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH02-CA Condition : PEAK_74 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto

2.4GHz 2400~2483.5MHz

WIFI 802.11 ax HE20 Full (Harmonic @ 3m)

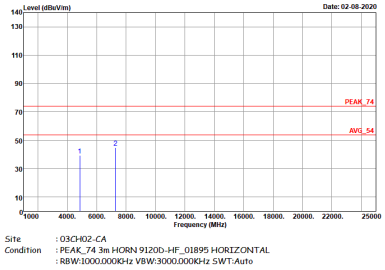
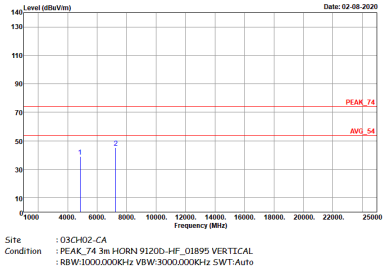
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE20 Full CH01 2412MHz	
1+2	Horizontal	Vertical
Peak Avg.		

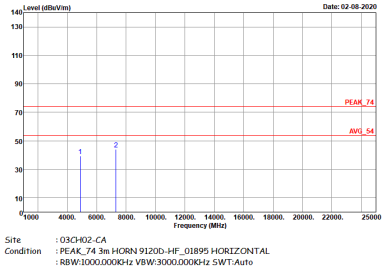
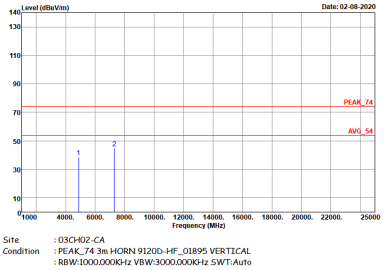
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE20 Full CH06 2437MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK_74 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH02-CA Condition : PEAK_74 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto

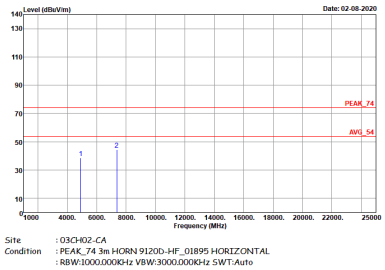
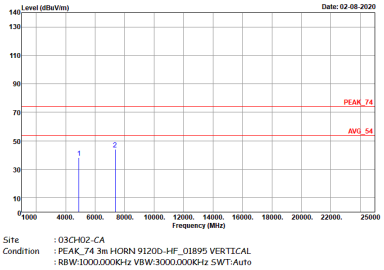
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE20 Full CH11 2462MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK_74 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH02-CA Condition : PEAK_74 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto

2.4GHz 2400~2483.5MHz

WIFI 802.11 ax HE40 Full (Harmonic @ 3m)

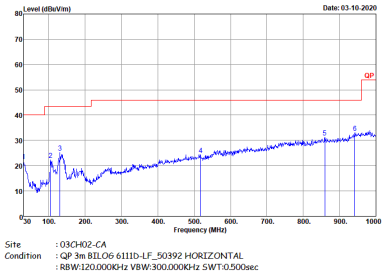
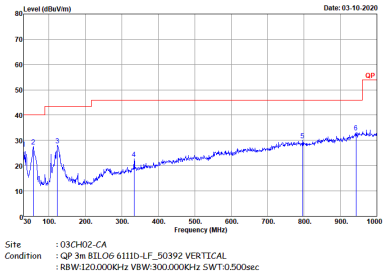
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE40 Full CH03 2422MHz	
1+2	Horizontal	Vertical
Peak Avg.		

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE40 Full CH06 2437MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK_74 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH02-CA Condition : PEAK_74 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE40 Full CH09 2452MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK_74 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH02-CA Condition : PEAK_74 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto

Emission below 1GHz

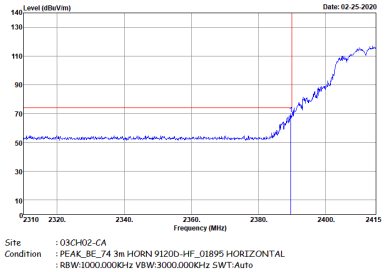
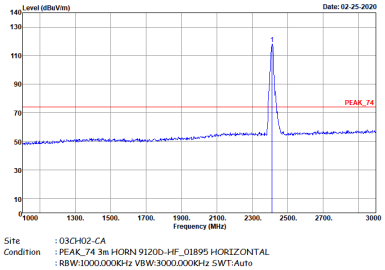
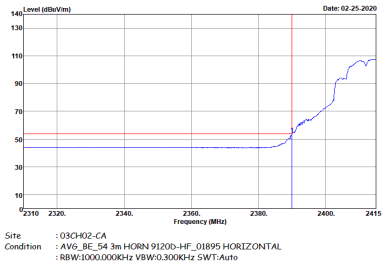
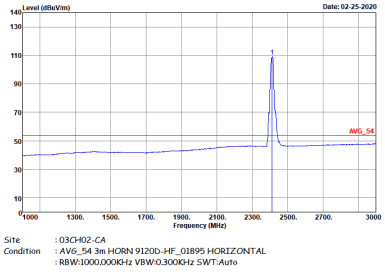
2.4GHz WIFI 802.11g (LF)

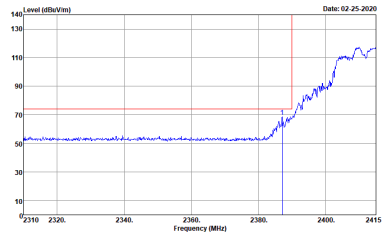
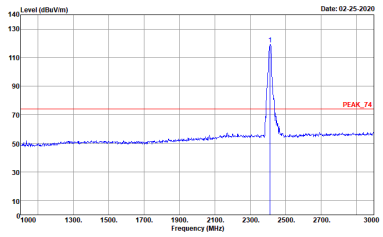
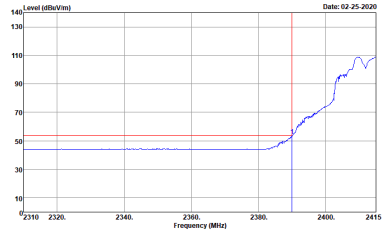
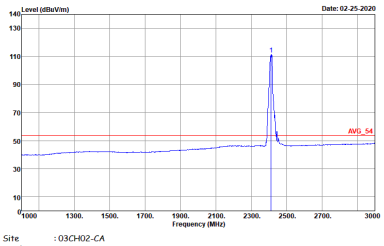
WIFI	2.4GHz 2400~2483.5MHz	
ANT	802.11g LF	
1+2	Horizontal	Vertical
QP / Peak		

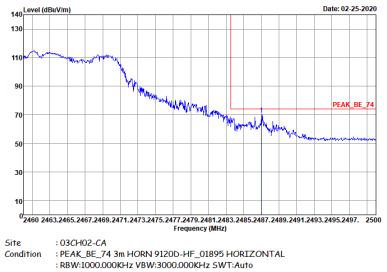
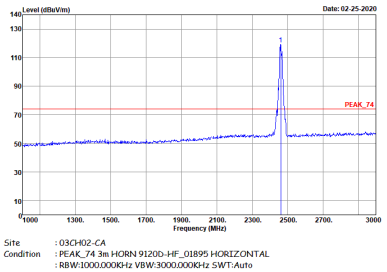
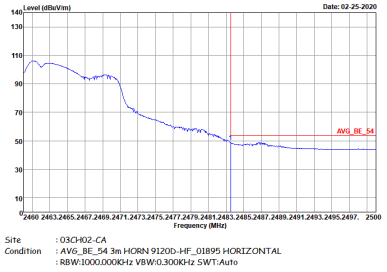
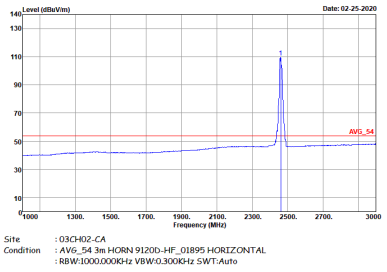
<Band-edge Unmodulated>

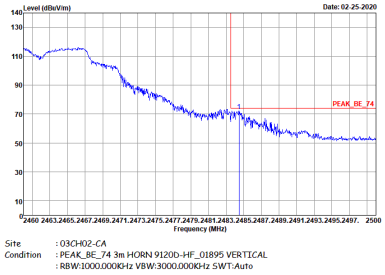
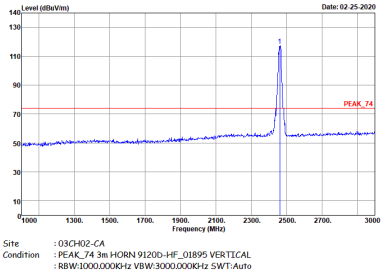
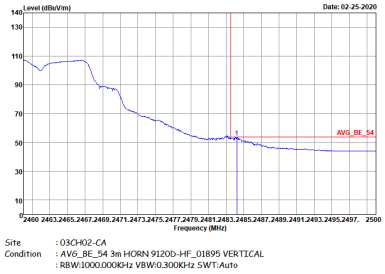
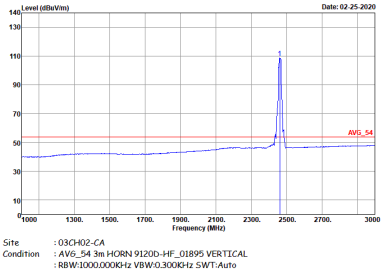
2.4GHz 2400~2483.5MHz

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

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH01 2412MHz	
1+2	Horizontal	Fundamental
Peak		
Avg.		

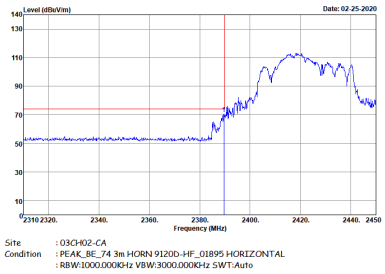
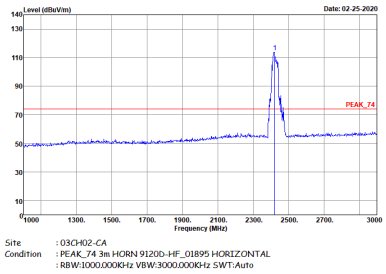
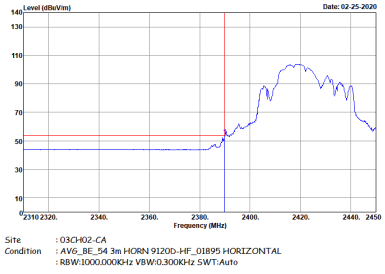
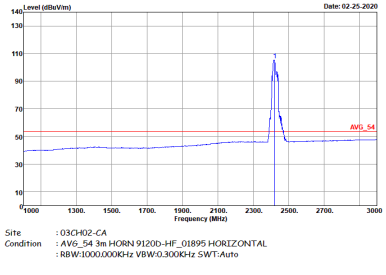
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH01 2412MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH02-CA Condition : PEAK_74 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_54 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto

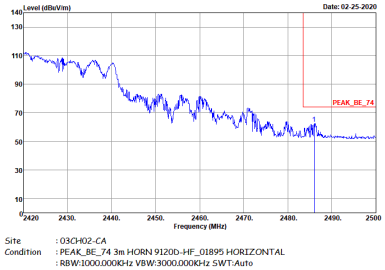
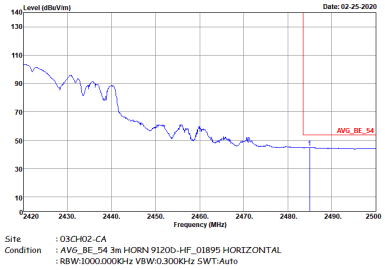
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH11 2462MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH02-CA Condition : PEAK_74 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_54 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto

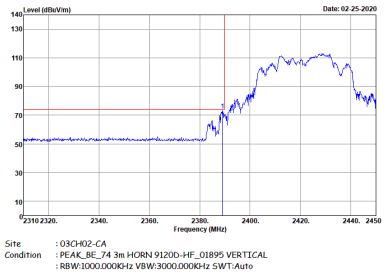
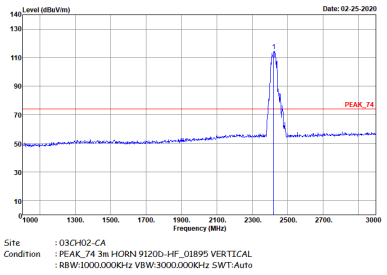
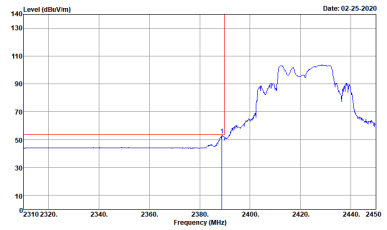
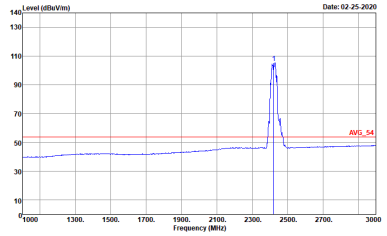
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH11 2462MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH02-CA Condition : PEAK_74 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_54 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto

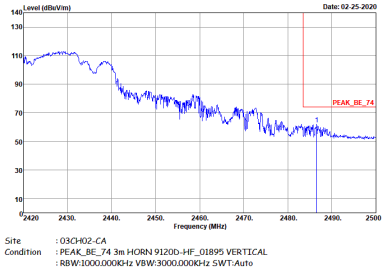
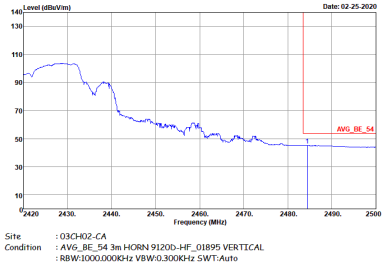
2.4GHz 2400~2483.5MHz

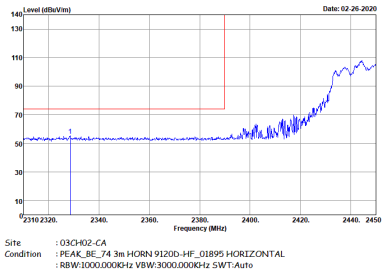
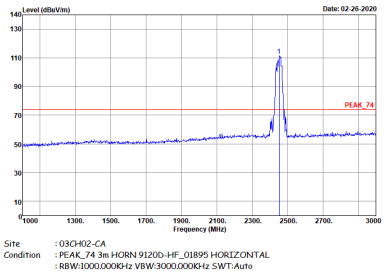
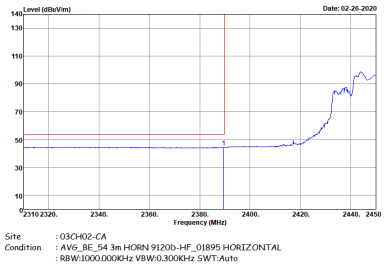
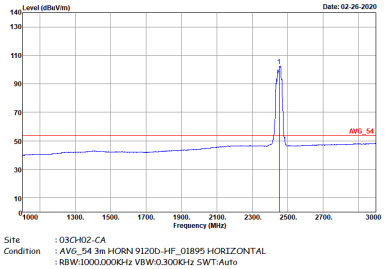
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

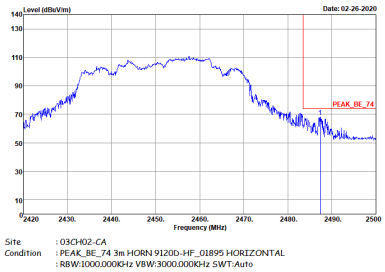
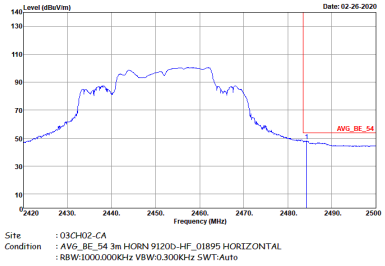
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH03 2422MHz - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		

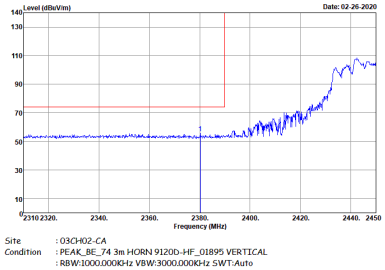
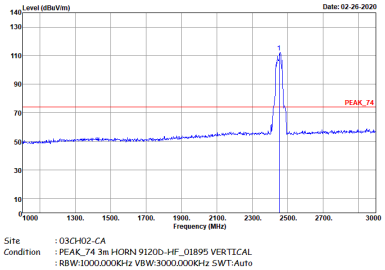
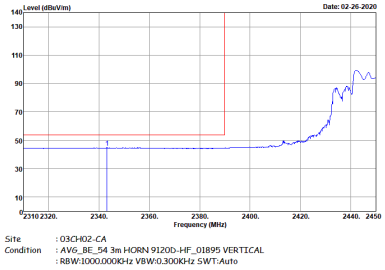
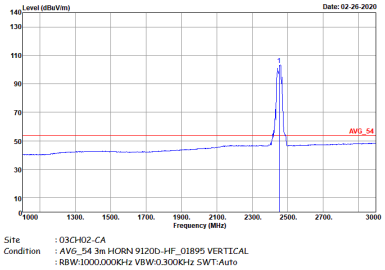
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH03 2422MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

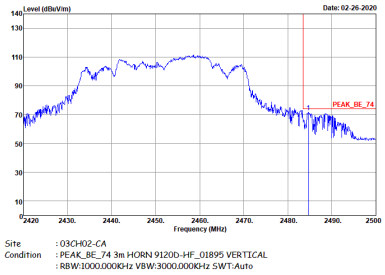
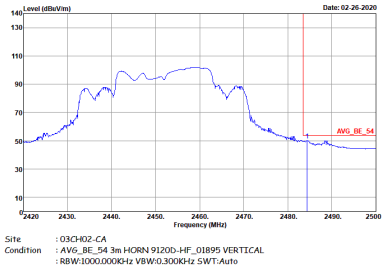
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH03 2422MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH02-CA Condition : PEAK_74 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_54 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH03 2422MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH09 2452MHz - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH09 2452MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

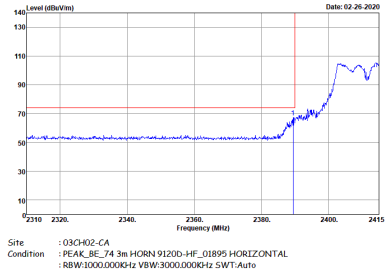
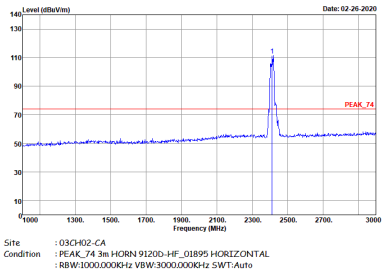
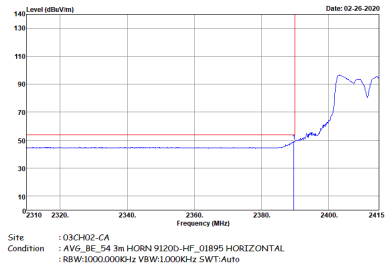
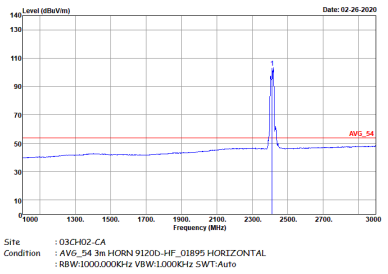
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH09 2452MHz - L	
1+2	Vertical	Fundamental
Peak		
Avg.		

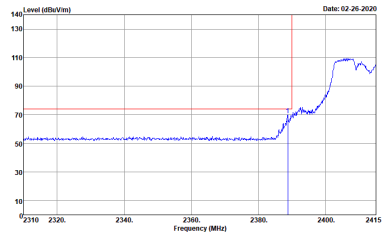
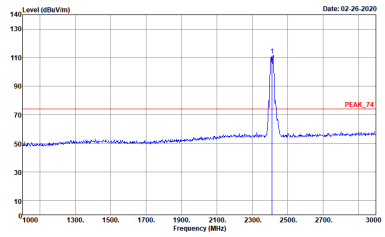
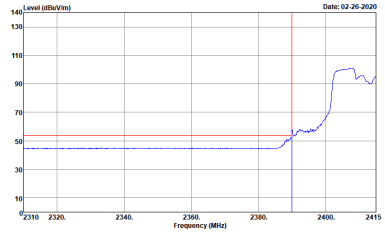
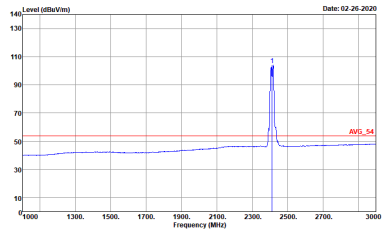
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH09 2452MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

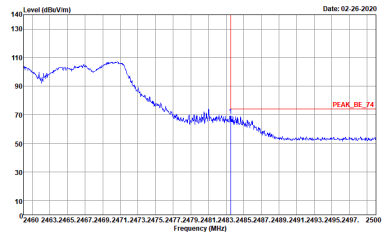
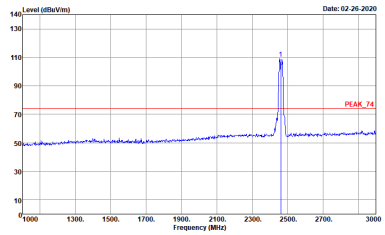
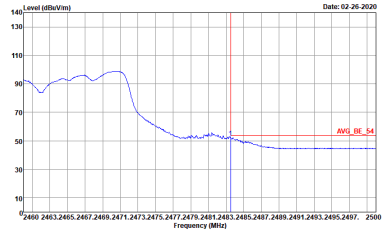
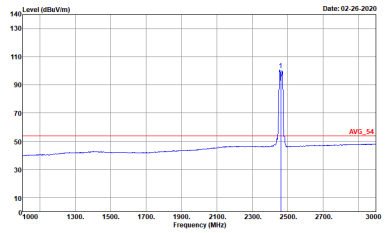
<Middle Unmodulated>

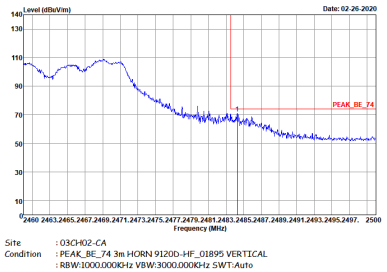
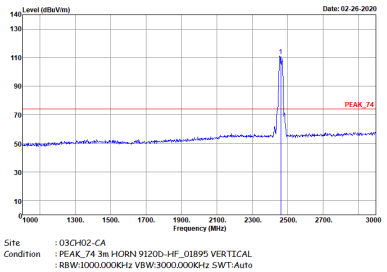
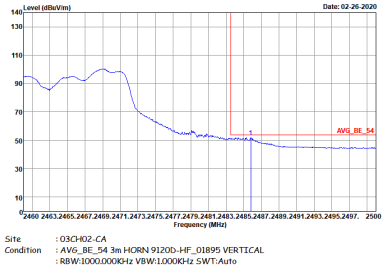
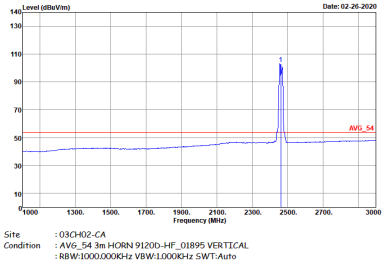
2.4GHz 2400~2483.5MHz

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

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH01 2412MHz	
1+2	Horizontal	Fundamental
Peak		
Avg.		

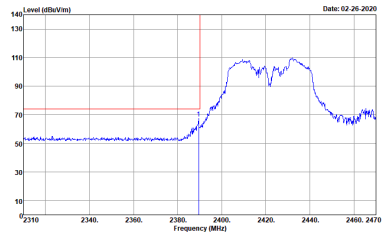
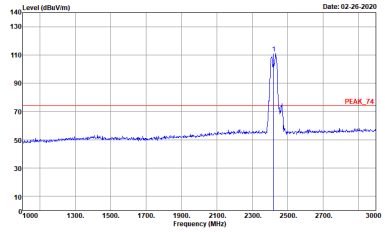
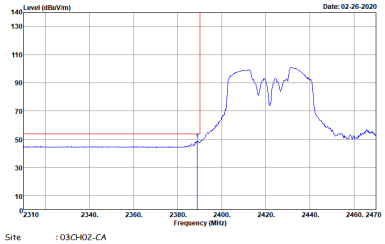
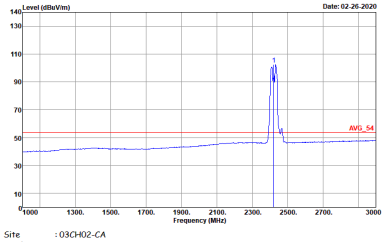
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH01 2412MHz	
1+2	Vertical	Fundamental
Peak		
Avg.		

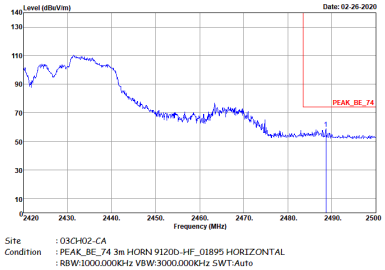
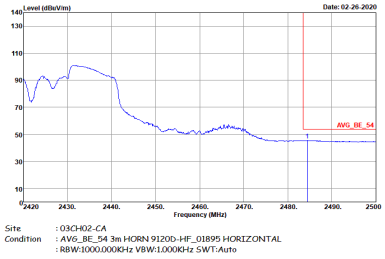
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH11 2462MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH02-CA Condition : PEAK_74 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_54 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto

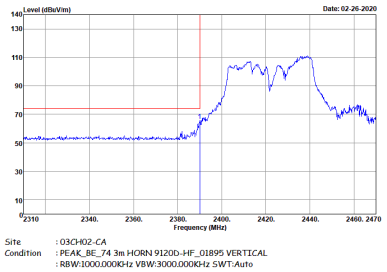
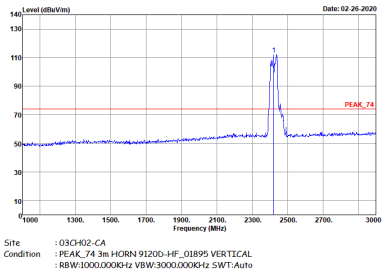
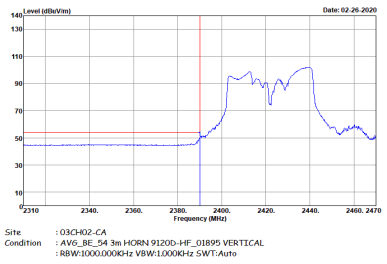
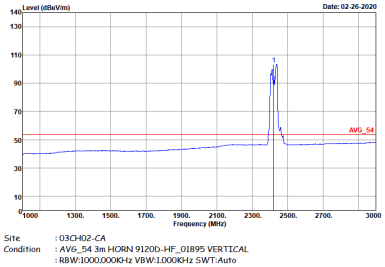
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH11 2462MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH02-CA Condition : PEAK_74 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_54 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto

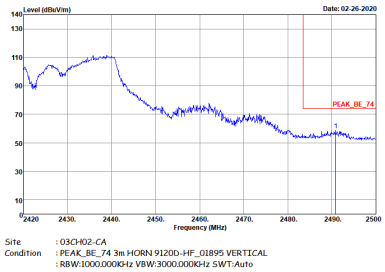
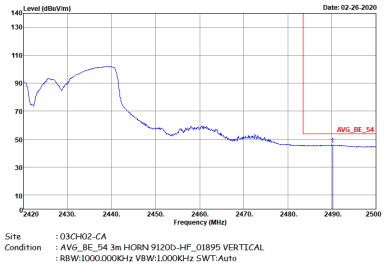
2.4GHz 2400~2483.5MHz

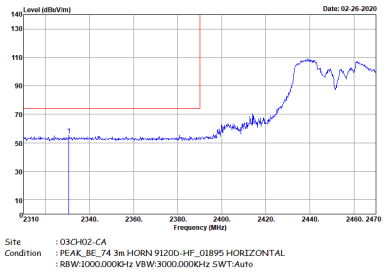
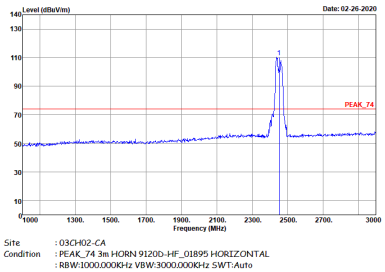
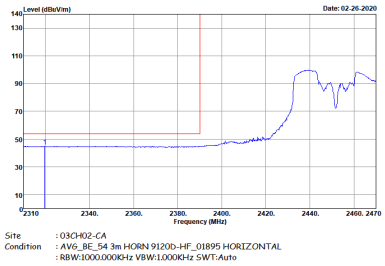
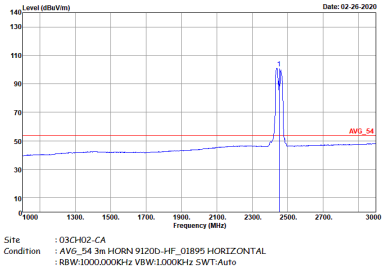
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

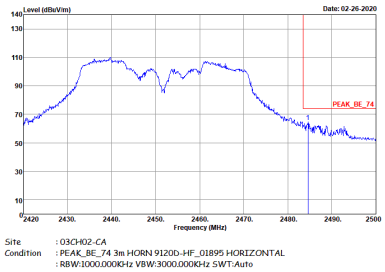
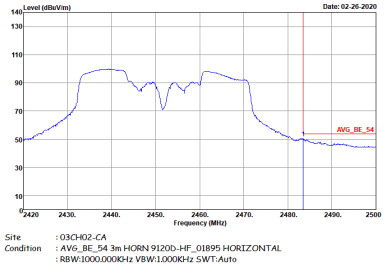
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH03 2422MHz - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		

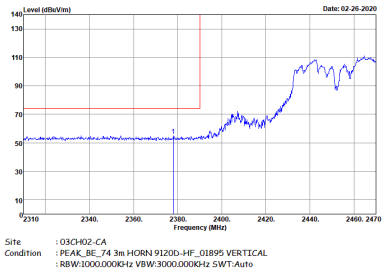
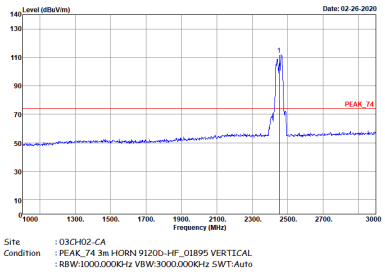
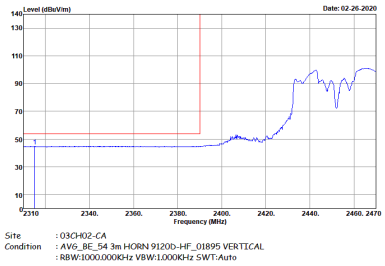
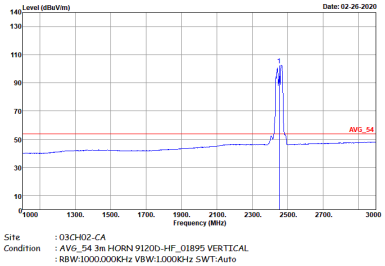
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH03 2422MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

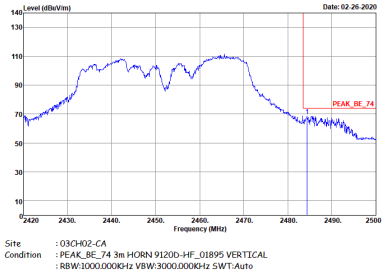
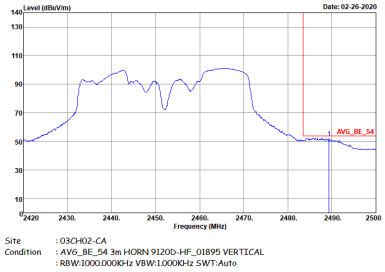
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH03 2422MHz - L	
1+2	Vertical	Fundamental
Peak		
Avg.		

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH03 2422MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH09 2452MHz - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		

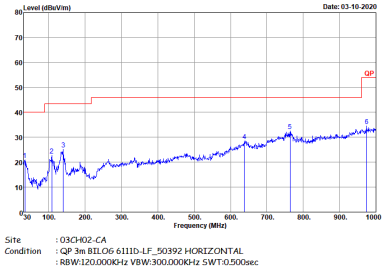
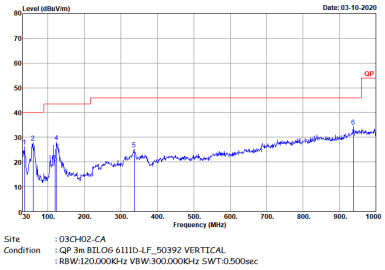
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH09 2452MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH09 2452MHz - L	
1+2	Vertical	Fundamental
Peak		
Avg.		

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH09 2452MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

Emission above 18GHz

2.4GHz WIFI 802.11ax HE20 Full (LF)

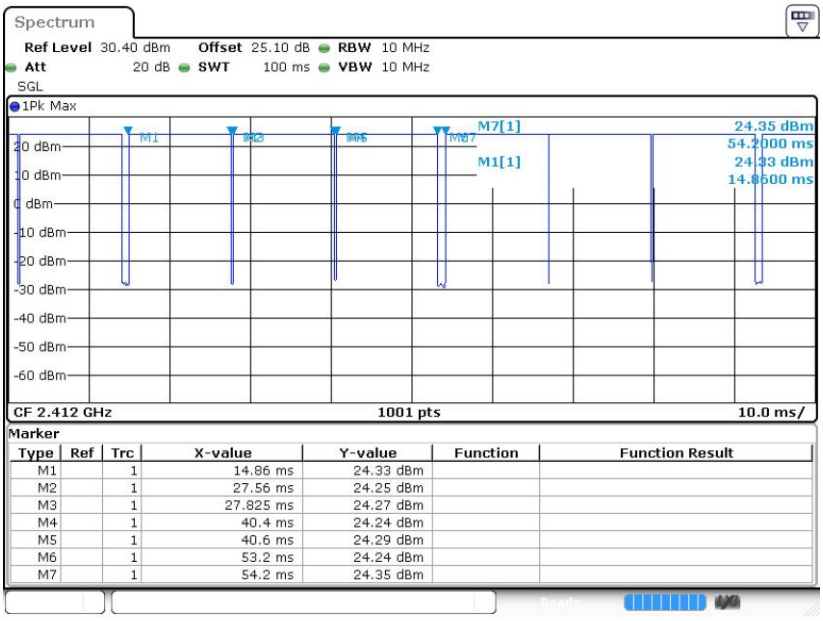
WIFI	2.4GHz 2400~2483.5MHz	
ANT	802.11ax HE20 Full LF	
1+2	Horizontal	Vertical
QP / Peak		

Appendix E. Duty Cycle Plots

Antenna	Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting	Duty Factor(dB)
1+2	802.11b for Ant.1	96.28	12600	0.08	100Hz	0.16
1+2	802.11b for Ant.2	96.52	12600	0.08	100Hz	0.15
1+2	802.11g for Ant.1	94.19	1977	0.51	1kHz	0.26
1+2	802.11g for Ant.2	94.05	1975	0.51	1kHz	0.27
1+2	802.11ax HE20 for Ant.1	94.93	5435	0.18	300Hz	0.23
1+2	802.11ax HE20 for Ant.2	96.55	5450	0.18	300Hz	0.15
1+2	802.11ax HE40 for Ant.1	94.83	5410	0.18	300Hz	0.23
1+2	802.11ax HE40 for Ant.2	95.16	5415	0.18	300Hz	0.22

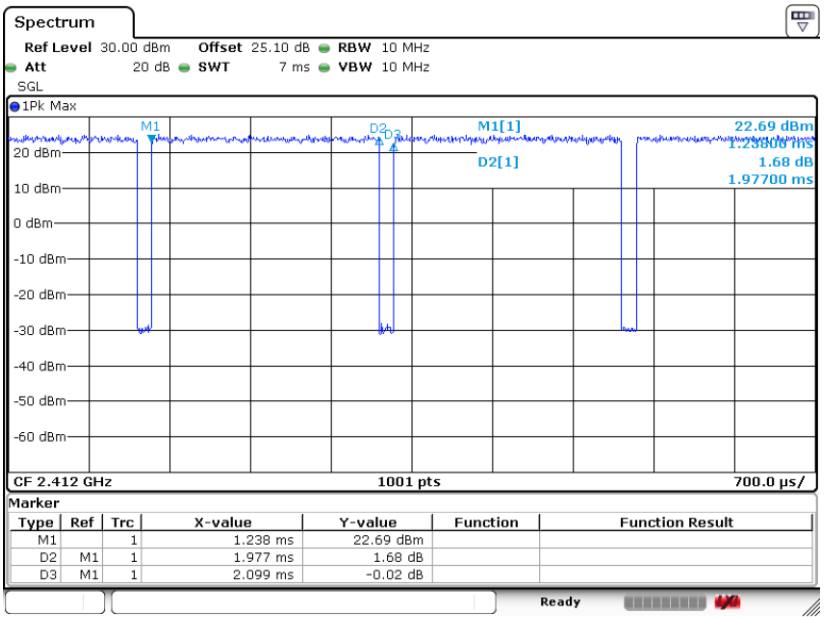
MIMO <Ant. 1>

802.11b



Date: 27.JAN.2020 11:20:44

802.11g



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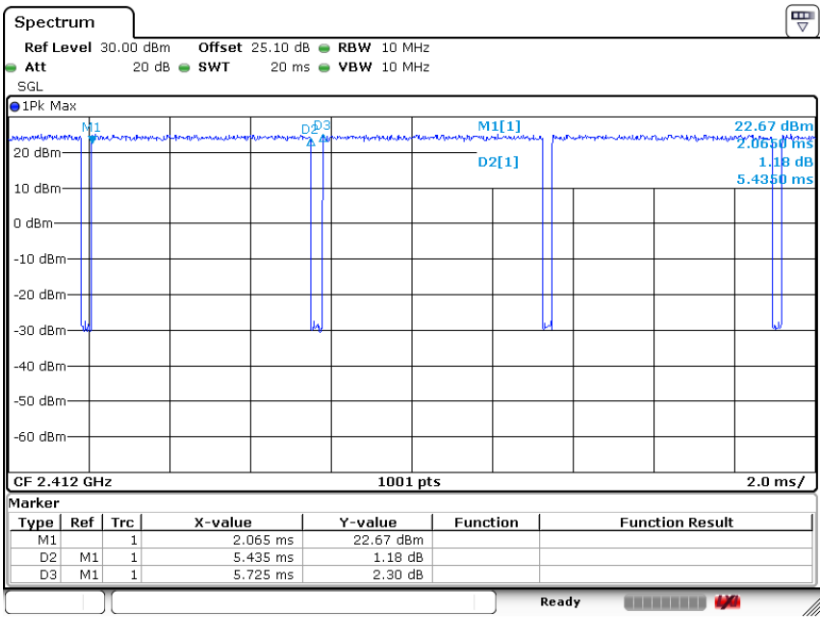
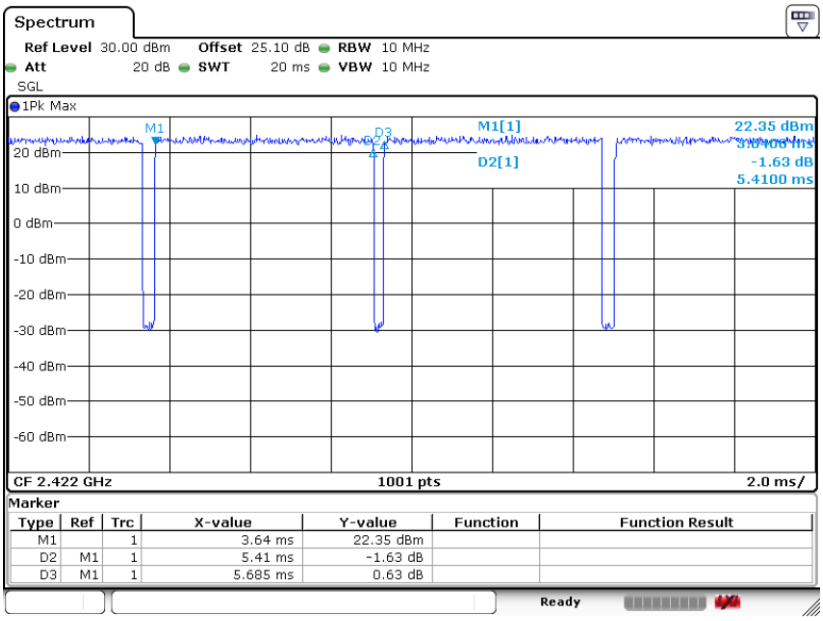
802.11ax HE20



Date: 27.JAN.2020 13:21:53

802.11ax HE40



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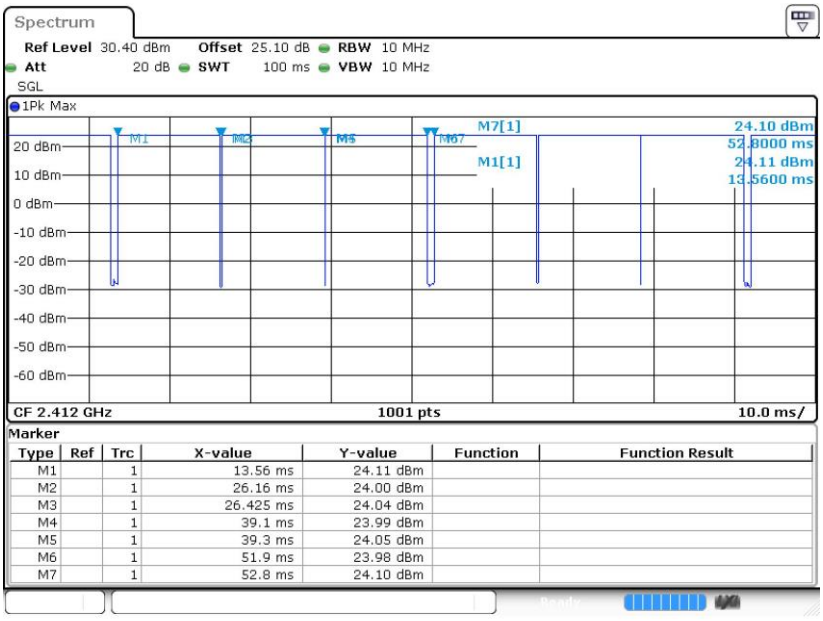
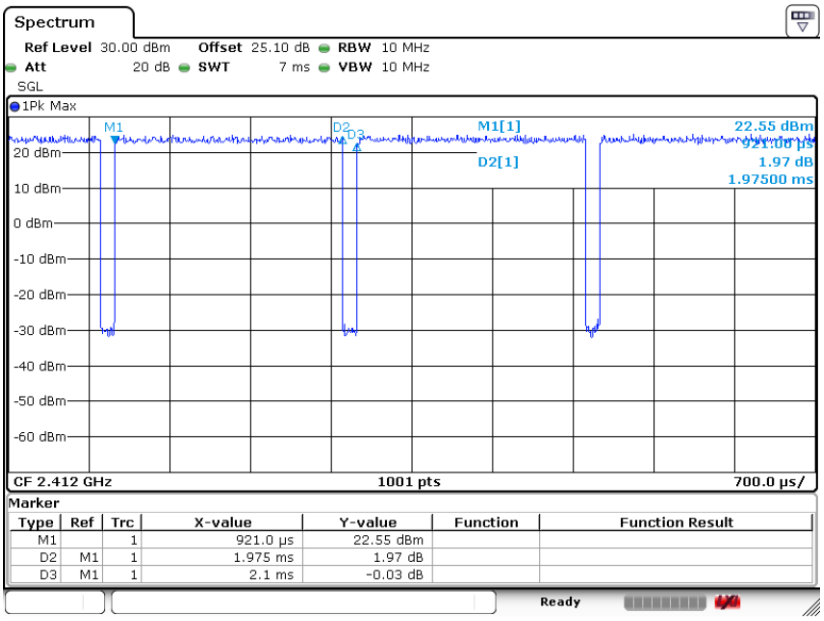
MIMO <Ant. 2>

802.11b



Date: 27.JAN.2020 11:17:04

802.11g



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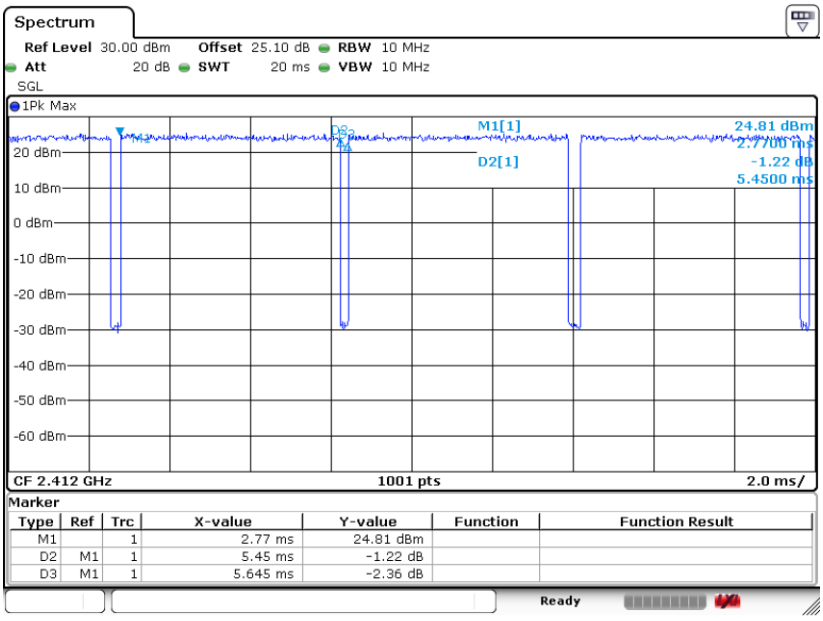
802.11ax HE20



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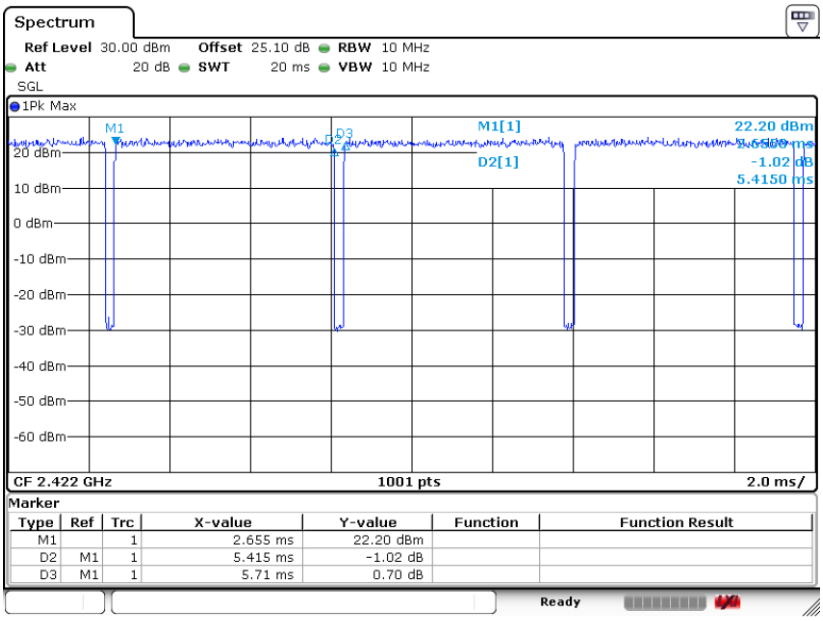
802.11ax HE40



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