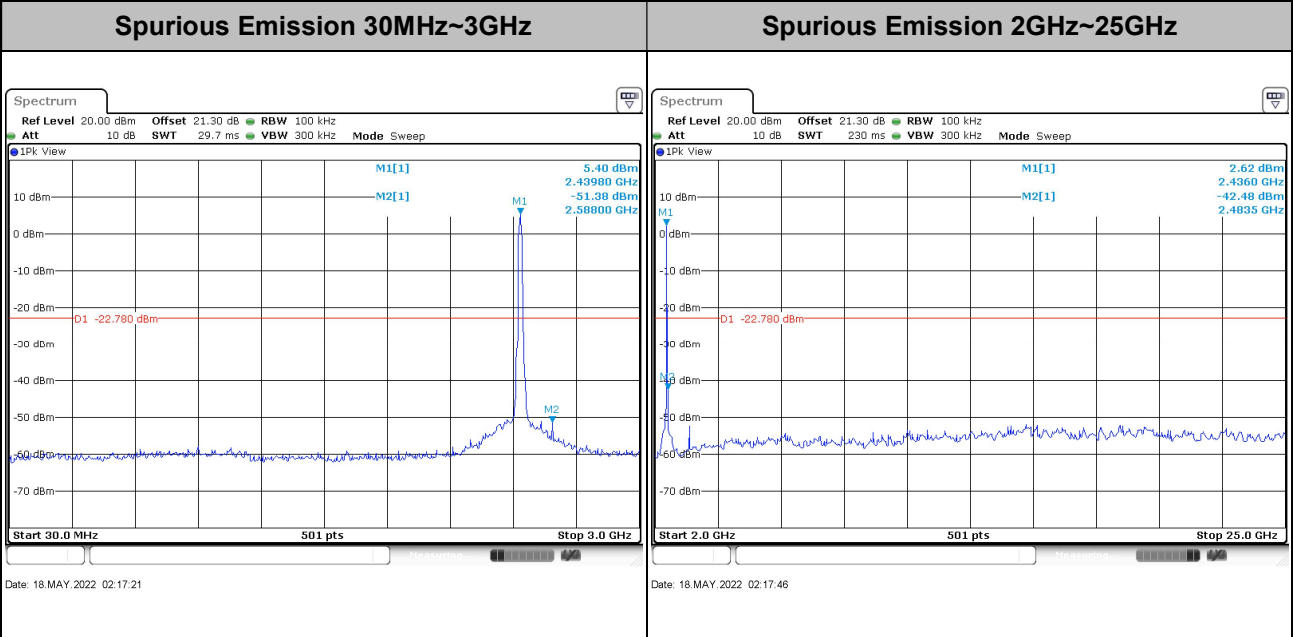
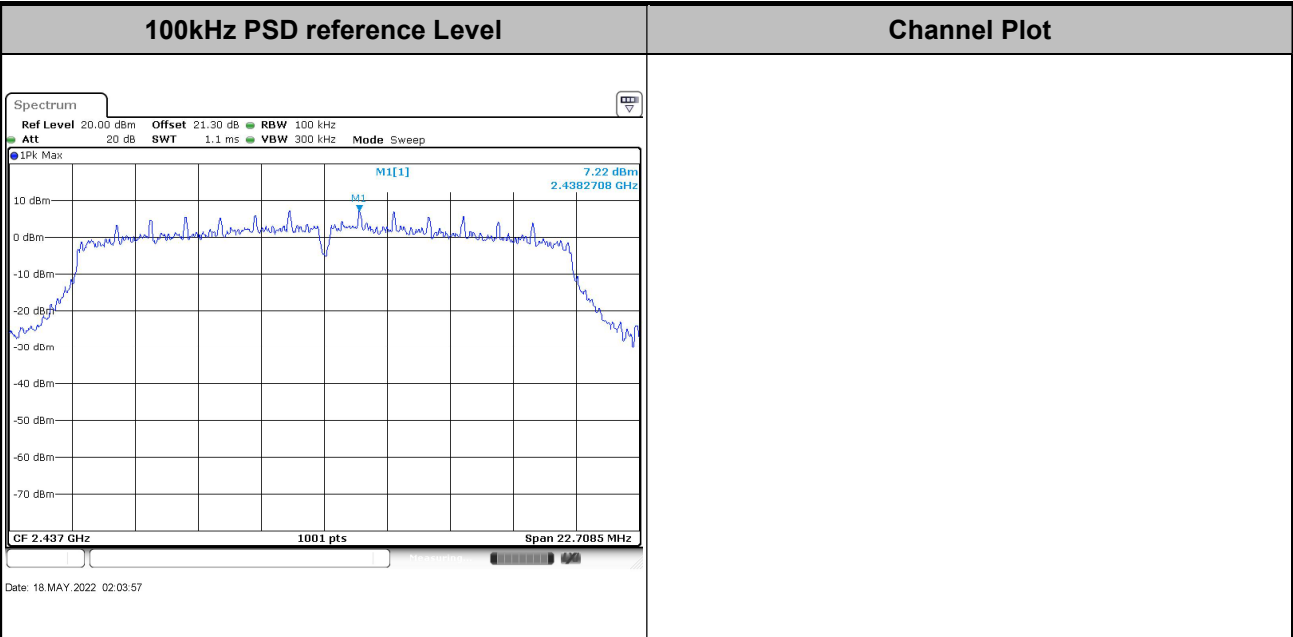


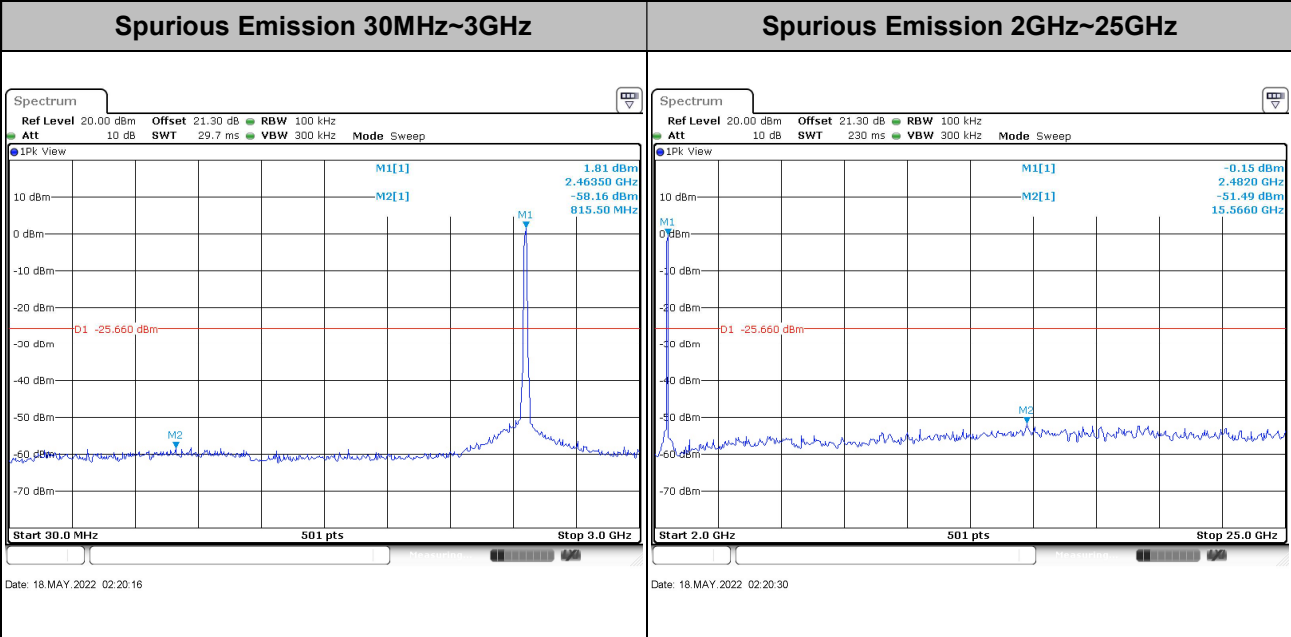
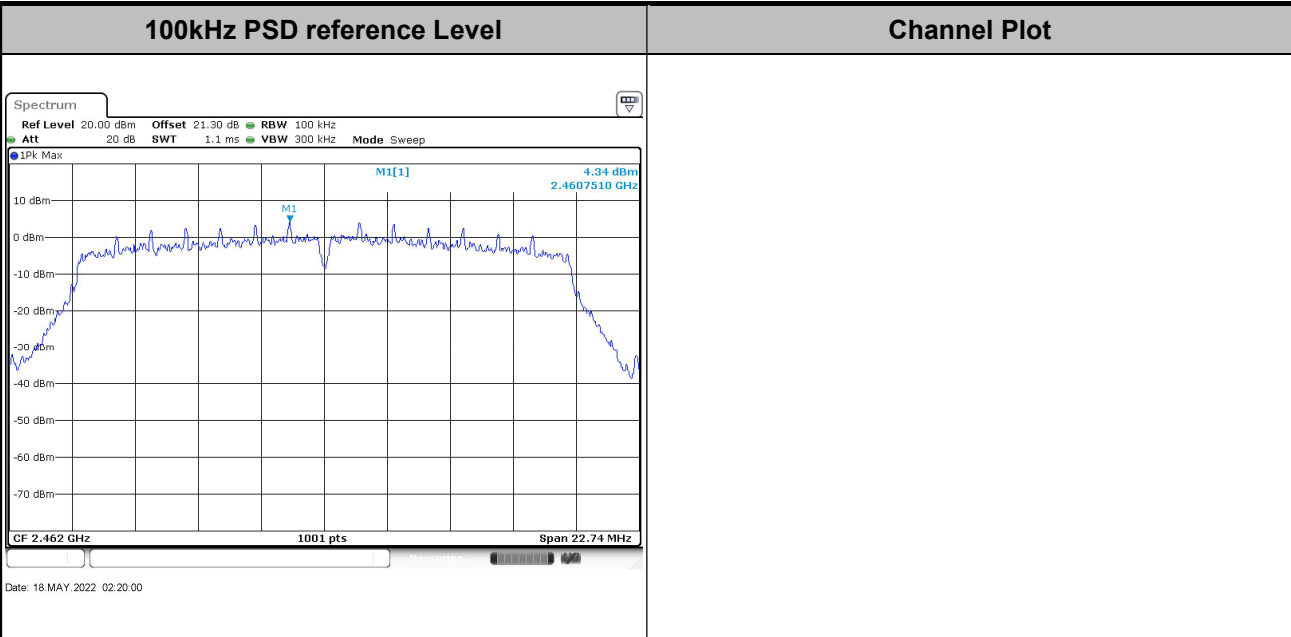


Test Mode :	802.11n HT20	Test Channel :	06
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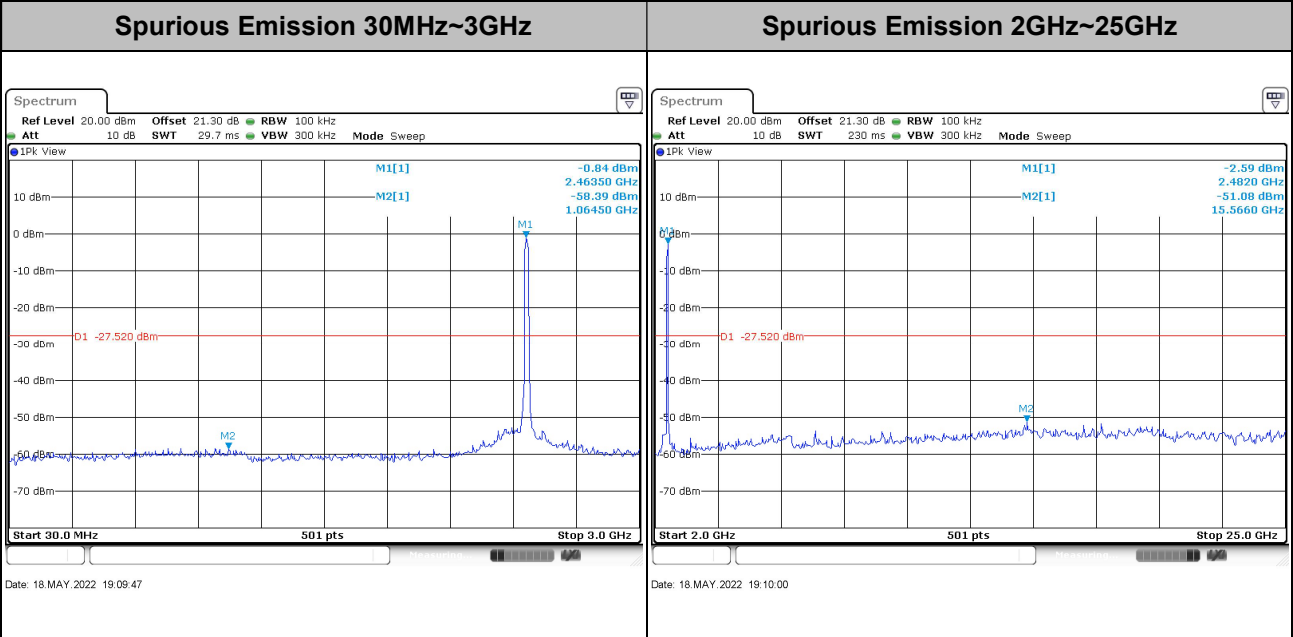
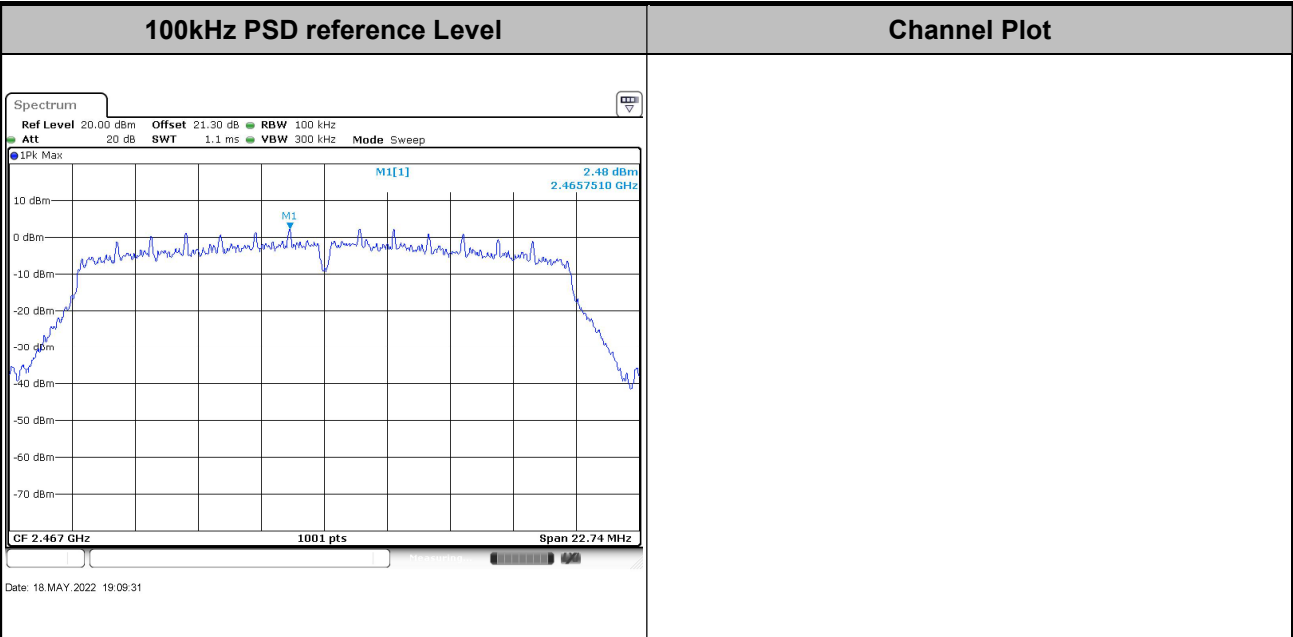


Test Mode :	802.11n HT20	Test Channel :	11
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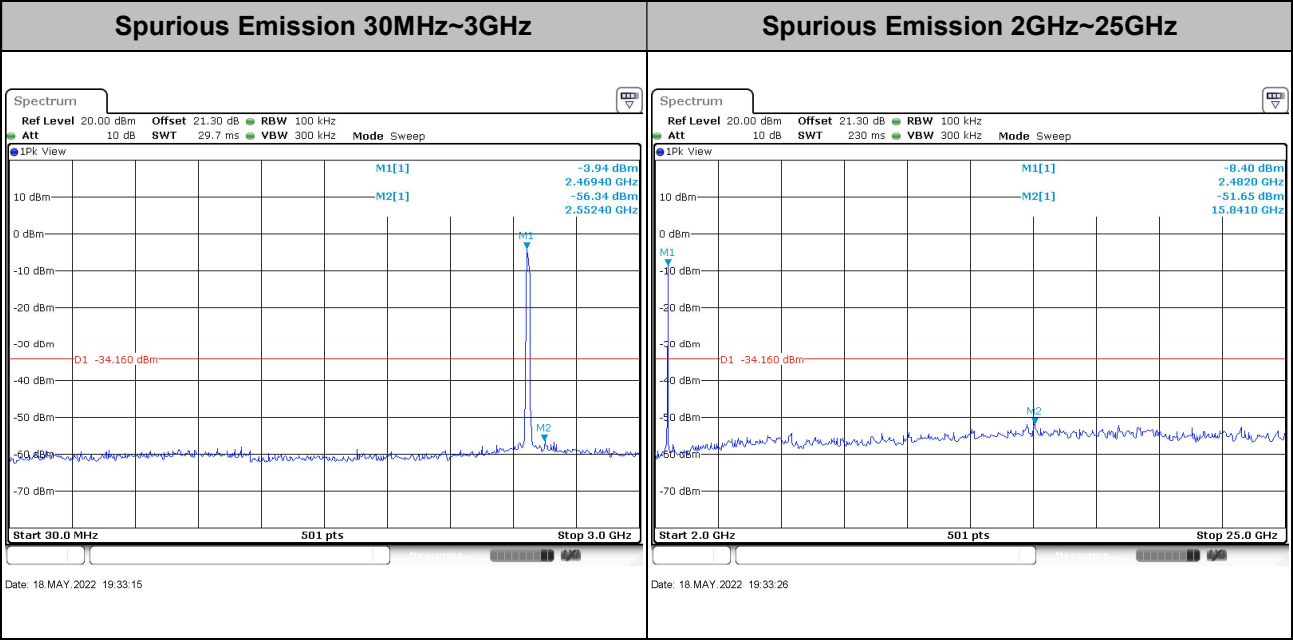
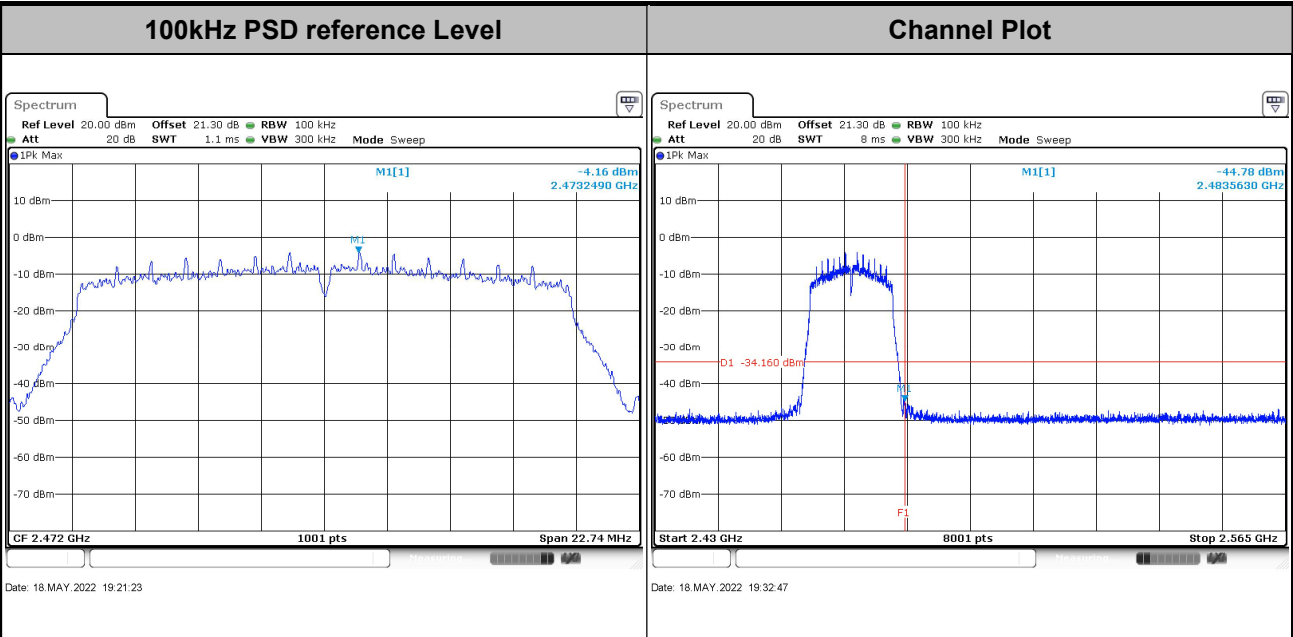


Test Mode :	802.11n HT20	Test Channel :	12
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Test Mode :	802.11n HT20	Test Channel :	13
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3.5 Radiated Band Edges and Spurious Emission Measurement

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 is 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

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

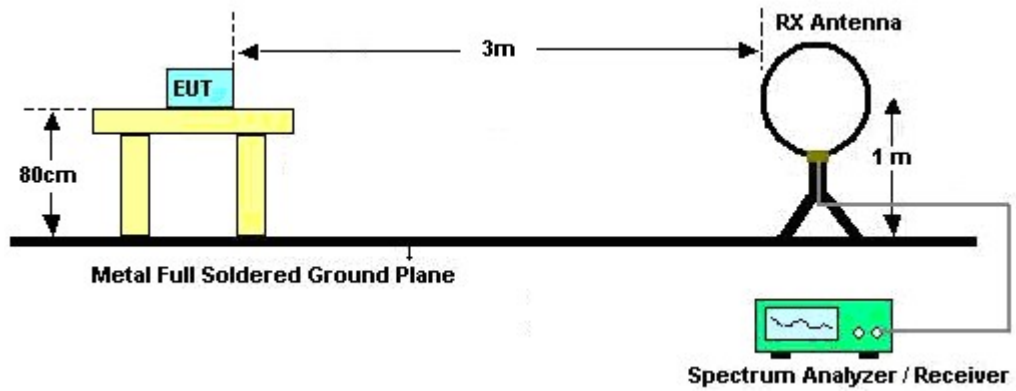


3.5.3 Test Procedures

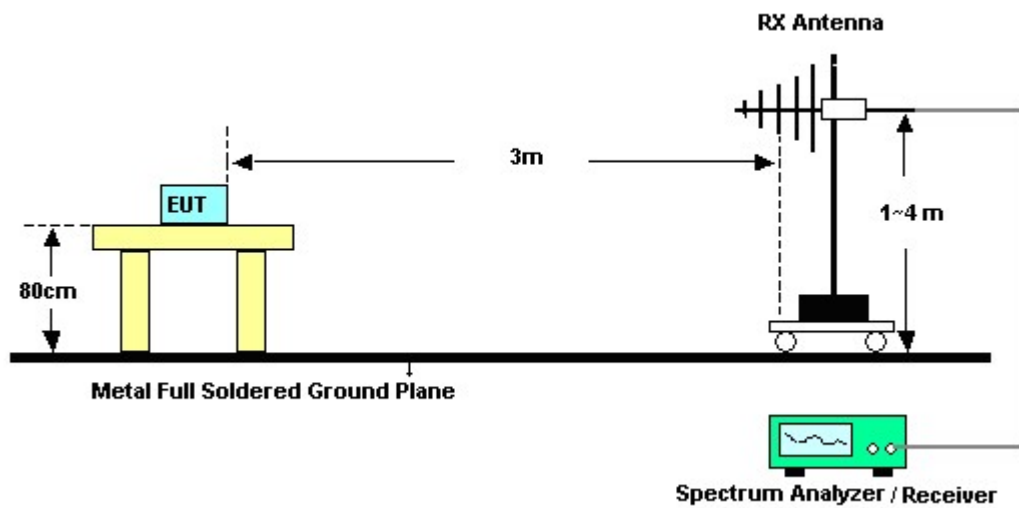
1. The testing follows the ANSI C63.10 Section 11.12.1 Radiated emission measurements.
2. The EUT is arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level.
3. The EUT is placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
4. The EUT is set 3 meters away from the receiving antenna, which is mounted on the top of a variable height antenna tower.
5. Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level
6. Radiated testing below 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading. When there is no suspected emission found and the emission level is with at least 6 dB margin against QP limit line, the position is marked as “-“.
7. Radiated testing above 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading for scanning all frequencies. When there is no suspected emission found and the harmonic emission level is with at least 6 dB margin against average limit line, the position is marked as “-“.
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; $VBW \geq RBW$; Sweep = auto; Detector function = peak; Trace = max hold;
 - (3) Set RBW = 1 MHz, $VBW = 3$ MHz for $f \geq 1$ GHz for peak measurement.
For average measurement:
 - $VBW = 10$ Hz, when duty cycle is no less than 98 percent.
 - $VBW \geq 1/T$, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.

3.5.4 Test Setup

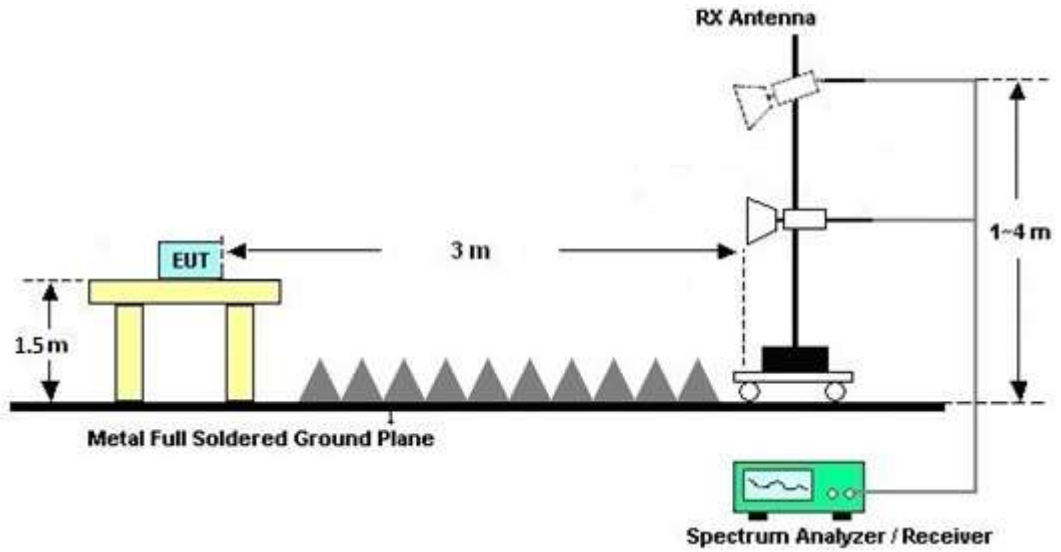
For radiated emissions below 30MHz



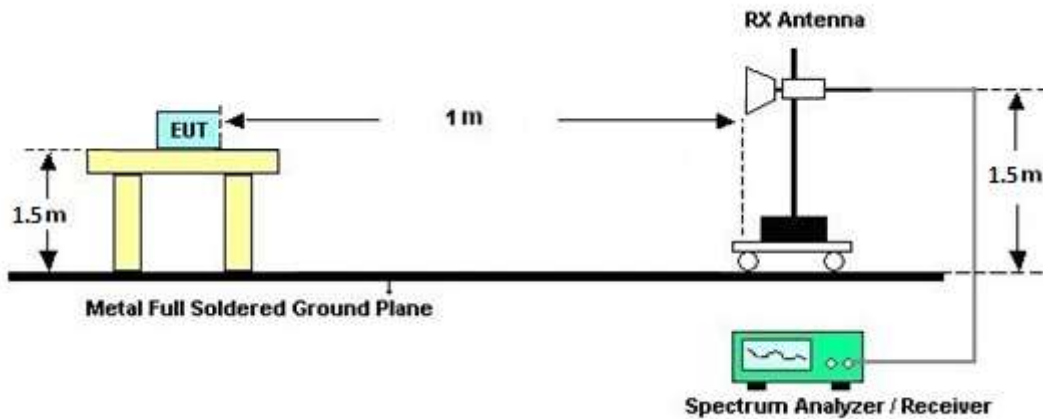
For radiated emissions from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz





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

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

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

3.5.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix B and C.

3.5.7 Duty Cycle

Please refer to Appendix D.

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

Please refer to Appendix B and C.



3.6 Antenna Requirements

3.6.1 Standard Applicable

If directional gain of transmitting Antennas is greater than 6 dBi, the power shall be reduced by the same level in dB comparing to gain minus 6 dBi. 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.

3.6.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.6.3 Antenna Gain

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



4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Power Sensor	EM Electronics Corporation	RPR3006W	RPR6W-1901026	10MHz-6GHz	May 10, 2022	May 17, 2022~ Aug. 09, 2022	May 09, 2023	Conducted (TH01-CA)
Hygrometer	Testo	608-H1	45142595	N/A	Aug. 30, 2021	May 17, 2022~ Aug. 09, 2022	Aug. 29, 2022	Conducted (TH01-CA)
Switch Box & RF Cable	EM Electronics	EMSW26	1090304	N/A	Mar. 30, 2022	May 17, 2022~ Aug. 09, 2022	Mar. 29, 2023	Conducted (TH01-CA)
Switch Box & RF Cable	EM Electronics	EMSW18	1070902	N/A	Aug. 03, 2022	Aug. 09, 2022	Aug. 02, 2023	Conducted (TH02-CA)
Spectrum Analyzer	Rohde & Schwarz	FSV40	101089	10Hz-40GHz	Jun. 02, 2021	May 17, 2022~ May 31, 2022	Jun. 01, 2022	Conducted (TH01-CA)
Spectrum Analyzer	Rohde & Schwarz	FSV40	101545	10Hz-40GHz	Jun. 01, 2022	Jun. 02, 2022~ Aug. 09, 2022	May 31, 2023	Conducted (TH02-CA)
Loop Antenna	R&S	HFH2-Z2E	100840	9kHz~30MHz	Jun. 21, 2021	May 10, 2022~ Jun. 14, 2022	Jun. 20, 2022	Radiation (03CH02-CA)
Bilog Antenna	TESEQ	6111D	54683	30MHz~1GHz	Oct. 15, 2021	May 10, 2022~ Jun. 14, 2022	Oct. 14, 2022	Radiation (03CH02-CA)
Horn Antenna	SCHWARZBECK	BBHA 9120D	01895	1GHz~18GHz	Aug. 25, 2021	May 10, 2022~ Jun. 14, 2022	Aug. 24, 2022	Radiation (03CH02-CA)
Horn Antenna	SCHWARZBECK	BBHA 9170D	00842	18GHz~40GHz	Jul. 20, 2021	May 10, 2022~ Jun. 14, 2022	Jul. 19, 2022	Radiation (03CH02-CA)
Amplifier	SONOMA	310N	372240	N/A	Aug. 09, 2021	May 10, 2022~ Jun. 14, 2022	Aug. 08, 2022	Radiation (03CH02-CA)
Preamplifier	Keysight	83017A	MY53270323	1GHz~26.5GHz	Jul. 27, 2021	May 10, 2022~ Jun. 14, 2022	Jul. 26, 2022	Radiation (03CH02-CA)
Preamplifier	E-instrument	ERA-100M-18G-56-01-A70	EC1900251	1GHz~18GHz	May 10, 2022	May 10, 2022~ Jun. 14, 2022	May 09, 2023	Radiation (03CH02-CA)
Preamplifier	EMEC	EMC18G40G	060725	18GHz-40GHz	Jul. 21, 2021	May 10, 2022~ Jun. 14, 2022	Jul. 20, 2022	Radiation (03CH02-CA)
Spectrum Analyzer	Keysight	N9010A	MY57420221	10Hz~44GHz	Sep. 22, 2021	May 10, 2022~ Jun. 14, 2022	Sep. 21, 2022	Radiation (03CH02-CA)
Filter	Wainwright	WHKX12-2700-3000-18000-60ST	SN10	3G Highpass	Jul. 23, 2021	May 10, 2022~ Jun. 14, 2022	Jul. 22, 2022	Radiation (03CH02-CA)
Filter	Wainwright	WLK12-1200-1272-11000-40SS	SN1	1.2G Low Pass	Jul. 23, 2021	May 10, 2022~ Jun. 14, 2022	Jul. 22, 2022	Radiation (03CH02-CA)
Hygrometer	TESEO	608-H1	45142602	N/A	Aug. 04, 2021	May 10, 2022~ Jun. 14, 2022	Aug. 03, 2022	Radiation (03CH02-CA)
Controller	ChainTek	EM-1000	060876	NA	N/A	May 10, 2022~ Jun. 14, 2022	N/A	Radiation (03CH02-CA)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	May 10, 2022~ Jun. 14, 2022	N/A	Radiation (03CH02-CA)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	May 10, 2022~ Jun. 14, 2022	N/A	Radiation (03CH02-CA)
Software	Audix	E3	N/A	N/A	N/A	May 10, 2022~ Jun. 14, 2022	N/A	Radiation (03CH02-CA)

5 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.7 dB
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Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	6.2 dB
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Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	6.4 dB
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Uncertainty of 6dB Bandwidth Measurement

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	0.1 MHz
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Uncertainty of 99% Occupied Bandwidth Measurement

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.3×10^{-7} MHz
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Uncertainty of Maximum Conducted Output Power Measurement

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	± 0.7 dB
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Uncertainty of Power Spectral Density Measurement

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	± 0.61 dB
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Uncertainty of Conducted Band Edges and Spurious Emission Measurement (30MHz~1000MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	0.69 dB
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Uncertainty of Conducted Band Edges and Spurious Emission Measurement (Above 1GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	0.63 dB
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Appendix A. Test Result of Conducted Test Items

Test Engineer:	Liliana Gonzalez/ Venkata Kondepudi	Temperature:	19.7~24	°C
Test Date:	2022/05/17~2022/08/09	Relative Humidity:	34.6~49.1	%

TEST RESULTS DATA
6dB and 99% Occupied Bandwidth

2.4GHz Band Single Antenna										
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	99% Occupied BW (MHz)		6dB BW (MHz)		6dB BW Limit (MHz)	Pass/Fail
					Ant1	Ant2	Ant1	Ant2		
11b	1Mbps	1	1	2412	14.39	-	9.12	-	0.50	Pass
11b	1Mbps	1	6	2437	14.39	-	9.62	-	0.50	Pass
11b	1Mbps	1	11	2462	14.39	-	9.14	-	0.50	Pass
11b	1Mbps	1	12	2467	14.29	-	9.62	-	0.50	Pass
11b	1Mbps	1	13	2472	14.24	-	9.56	-	0.50	Pass
11g	6Mbps	1	1	2412	16.73	-	15.16	-	0.50	Pass
11g	6Mbps	1	6	2437	16.88	-	15.16	-	0.50	Pass
11g	6Mbps	1	11	2462	16.68	-	15.16	-	0.50	Pass
11g	6Mbps	1	12	2467	16.68	-	15.14	-	0.50	Pass
11g	6Mbps	1	13	2472	16.68	-	15.16	-	0.50	Pass
HT20	MCS0	1	1	2412	17.58	-	15.16	-	0.50	Pass
HT20	MCS0	1	6	2437	17.68	-	15.14	-	0.50	Pass
HT20	MCS0	1	11	2462	17.63	-	15.16	-	0.50	Pass
HT20	MCS0	1	12	2467	17.63	-	15.16	-	0.50	Pass
HT20	MCS0	1	13	2472	17.63	-	15.16	-	0.50	Pass

TEST RESULTS DATA
Average Output Power

2.4GHz Band Single Antenna																
Mod.	Data Rate	N _{TX}	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	1	1	2412	19.05	-		30.00	-	4.60	-	23.65	-	36.00	-	Pass
11b	1Mbps	1	6	2437	18.95	-		30.00	-	4.60	-	23.55	-	36.00	-	Pass
11b	1Mbps	1	11	2462	19.02	-		30.00	-	4.60	-	23.62	-	36.00	-	Pass
11b	1Mbps	1	12	2467	13.24	-		30.00	-	4.60	-	17.84	-	36.00	-	Pass
11b	1Mbps	1	13	2472	9.96	-		30.00	-	4.60	-	14.56	-	36.00	-	Pass
11g	6Mbps	1	1	2412	16.95	-		30.00	-	4.60	-	21.55	-	36.00	-	Pass
11g	6Mbps	1	6	2437	19.21	-		30.00	-	4.60	-	23.81	-	36.00	-	Pass
11g	6Mbps	1	11	2462	15.84	-		30.00	-	4.60	-	20.44	-	36.00	-	Pass
11g	6Mbps	1	12	2467	13.80	-		30.00	-	4.60	-	18.40	-	36.00	-	Pass
11g	6Mbps	1	13	2472	7.48	-		30.00	-	4.60	-	12.08	-	36.00	-	Pass
HT20	MCS0	1	1	2412	15.13	-		30.00	-	4.60	-	19.73	-	36.00	-	Pass
HT20	MCS0	1	6	2437	18.10	-		30.00	-	4.60	-	22.70	-	36.00	-	Pass
HT20	MCS0	1	11	2462	15.25	-		30.00	-	4.60	-	19.85	-	36.00	-	Pass
HT20	MCS0	1	12	2467	13.63	-		30.00	-	4.60	-	18.23	-	36.00	-	Pass
HT20	MCS0	1	13	2472	7.05	-		30.00	-	4.60	-	11.65	-	36.00	-	Pass

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

TEST RESULTS DATA
Peak Power Spectral Density

2.4GHz Band Single Antenna												
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	1	1	2412	7.63	-		4.60	-	8.00	-	Pass
11b	1Mbps	1	6	2437	7.76	-		4.60	-	8.00	-	Pass
11b	1Mbps	1	11	2462	7.63	-		4.60	-	8.00	-	Pass
11b	1Mbps	1	12	2467	1.93	-		4.60	-	8.00	-	Pass
11b	1Mbps	1	13	2472	-1.24	-		4.60	-	8.00	-	Pass
11g	6Mbps	1	1	2412	-9.98	-		4.60	-	8.00	-	Pass
11g	6Mbps	1	6	2437	-6.17	-		4.60	-	8.00	-	Pass
11g	6Mbps	1	11	2462	-10.04	-		4.60	-	8.00	-	Pass
11g	6Mbps	1	12	2467	-12.43	-		4.60	-	8.00	-	Pass
11g	6Mbps	1	13	2472	-19.34	-		4.60	-	8.00	-	Pass
HT20	MCS0	1	1	2412	-11.35	-		4.60	-	8.00	-	Pass
HT20	MCS0	1	6	2437	-8.13	-		4.60	-	8.00	-	Pass
HT20	MCS0	1	11	2462	-10.61	-		4.60	-	8.00	-	Pass
HT20	MCS0	1	12	2467	-13.06	-		4.60	-	8.00	-	Pass
HT20	MCS0	1	13	2472	-19.08	-		4.60	-	8.00	-	Pass

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



Appendix B. Radiated Spurious Emission

Test Engineer :	Michael Bui and Daniel Lee	Temperature :	21.2 ~ 23.6°C
		Relative Humidity :	42.0 ~ 45.5%



2.4GHz 2400~2483.5MHz

WIFI 802.11b (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.	
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)	
802.11b CH 01 2412MHz		2386.02	57.88	-16.12	74	44.04	27.69	17.43	31.28	116	31	P	H	
		2387.28	50.64	-3.36	54	36.8	27.69	17.43	31.28	116	31	A	H	
	*	2412	110.05	-	-	96.19	27.66	17.47	31.27	116	31	P	H	
	*	2412	107.18	-	-	93.32	27.66	17.47	31.27	116	31	A	H	
													H	
													H	
			2387.385	57.77	-16.23	74	43.83	27.79	17.43	31.28	136	77	P	V
			2387.175	49.77	-4.23	54	35.83	27.79	17.43	31.28	136	77	A	V
	*		2412	109.28	-	-	95.38	27.7	17.47	31.27	136	77	P	V
	*		2412	106.45	-	-	92.55	27.7	17.47	31.27	136	77	A	V
													V	
													V	
802.11b CH 06 2437MHz		2374.96	55.54	-18.46	74	41.7	27.72	17.41	31.29	113	127	P	H	
		2377.62	44.84	-9.16	54	31.01	27.71	17.41	31.29	113	127	A	H	
	*	2437	107.5	-	-	93.6	27.66	17.5	31.26	113	127	P	H	
	*	2437	104.84	-	-	90.94	27.66	17.5	31.26	113	127	A	H	
			2488	55.63	-18.37	74	41.67	27.62	17.58	31.24	113	127	P	H
			2496.64	45.13	-8.87	54	31.15	27.61	17.6	31.23	113	127	A	H
			2389.1	56.2	-17.8	74	42.27	27.78	17.43	31.28	108	79	P	V
			2386.02	45.78	-8.22	54	31.84	27.79	17.43	31.28	108	79	A	V
	*		2437	110.3	-	-	96.46	27.6	17.5	31.26	108	79	P	V
	*		2437	107.47	-	-	93.63	27.6	17.5	31.26	108	79	A	V
			2495.36	56.06	-17.94	74	42.21	27.49	17.59	31.23	108	79	P	V
			2488	46.37	-7.63	54	32.53	27.5	17.58	31.24	108	79	A	V



802.11b CH 11 2462MHz	*	2462	111.04	-	-	97.09	27.65	17.55	31.25	112	25	P	H
	*	2462	108.23	-	-	94.28	27.65	17.55	31.25	112	25	A	H
		2486.88	56.84	-17.16	74	42.88	27.62	17.58	31.24	112	25	P	H
		2488.68	48.45	-5.55	54	34.49	27.62	17.58	31.24	112	25	A	H
													V
													V
	*	2462	110.72	-	-	96.88	27.54	17.55	31.25	102	79	P	V
	*	2462	107.95	-	-	94.11	27.54	17.55	31.25	102	79	A	V
		2488.24	56.54	-17.46	74	42.7	27.5	17.58	31.24	102	79	P	V
		2488.44	48.71	-5.29	54	34.87	27.5	17.58	31.24	102	79	A	V
													V
	802.11b CH 12 2467MHz	*	2466	105.41	-	-	91.47	27.64	17.55	31.25	108	24	P
*		2466	102.65	-	-	88.71	27.64	17.55	31.25	108	24	A	H
		2483.64	58.91	-15.09	74	44.95	27.62	17.58	31.24	108	24	P	H
		2484.12	50.7	-3.3	54	36.74	27.62	17.58	31.24	108	24	A	H
													H
													H
*		2467	104	-	-	90.17	27.53	17.55	31.25	125	83	P	V
*		2467	101.24	-	-	87.41	27.53	17.55	31.25	125	83	A	V
		2483.6	59.11	-14.89	74	45.26	27.51	17.58	31.24	125	83	P	V
		2484.12	49.87	-4.13	54	36.02	27.51	17.58	31.24	125	83	A	V
													V
													V



802.11b CH 13 2472MHz	*	2472	102.38	-	-	88.42	27.64	17.56	31.24	108	26	P	H
	*	2472	99.35	-	-	85.39	27.64	17.56	31.24	108	26	A	H
		2483.72	58.16	-15.84	74	44.2	27.62	17.58	31.24	108	26	P	H
		2487.28	50.78	-3.22	54	36.82	27.62	17.58	31.24	108	26	A	H
													H
													H
	*	2472	101.76	-	-	87.92	27.52	17.56	31.24	125	81	P	V
	*	2472	99.03	-	-	85.19	27.52	17.56	31.24	125	81	A	V
		2487.6	56.88	-17.12	74	43.04	27.5	17.58	31.24	125	81	P	V
		2487.44	49.34	-4.66	54	35.5	27.5	17.58	31.24	125	81	A	V
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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	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	47.62	-26.38	74	72.78	31.49	11.23	67.88	-	-	P	H	
		11790	48.72	-25.28	74	59.97	39.22	17.5	67.97	-	-	P	H	
		11790	38	-16	54	49.25	39.22	17.5	67.97	-	-	A	H	
		14490	51.12	-22.88	74	57.56	41.94	19.6	67.98	-	-	P	H	
		14490	40.75	-13.25	54	47.19	41.94	19.6	67.98	-	-	A	H	
		18000	58.94	-15.06	74	57.4	48.82	22.44	69.72	-	-	P	H	
		18000	48.93	-5.07	54	47.39	48.82	22.44	69.72	-	-	A	H	
														H
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														H
														H
			4824	47.38	-26.62	74	72.52	31.54	11.23	67.91	-	-	P	V
			11505	48.66	-25.34	74	58.9	40.08	17.26	67.58	-	-	P	V
			11505	38.53	-15.47	54	48.77	40.08	17.26	67.58	-	-	A	V
			14490	50.85	-23.15	74	57.05	41.94	19.6	67.74	-	-	P	V
			14490	41.66	-12.34	54	47.86	41.94	19.6	67.74	-	-	A	V
		18000	59.52	-14.48	74	57.46	49.04	22.44	69.42	-	-	P	V	
		18000	49.63	-4.37	54	47.57	49.04	22.44	69.42	-	-	A	V	
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WIFI	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 06 2437MHz		4874	50.37	-23.63	74	75.49	31.45	11.34	67.91	291	218	P	H	
		4874	49.34	-4.66	54	74.46	31.45	11.34	67.91	291	218	A	H	
		7311	53.25	-20.75	74	70.14	36.33	13.77	66.99	305	215	P	H	
		7311	49.19	-4.81	54	66.08	36.33	13.77	66.99	305	215	A	H	
		11670	48.94	-25.06	74	59.53	39.62	17.4	67.61	-	-	P	H	
		11670	39.06	-14.94	54	49.65	39.62	17.4	67.61	-	-	A	H	
		14490	50.62	-23.38	74	57.06	41.94	19.6	67.98	-	-	P	H	
		14490	40.68	-13.32	54	47.12	41.94	19.6	67.98	-	-	A	H	
		18000	59.55	-14.45	74	58.01	48.82	22.44	69.72	-	-	P	H	
		18000	49.59	-4.41	54	48.05	48.82	22.44	69.72	-	-	A	H	
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			4874	47	-27	74	72.15	31.41	11.34	67.9	-	-	P	V
			7311	49.81	-24.19	74	66.4	36.37	13.77	66.73	100	137	P	V
			7311	44.03	-9.97	54	60.62	36.37	13.77	66.73	100	137	A	V
			11385	48.35	-25.65	74	59.4	39.89	17.15	68.09	-	-	P	V
			11385	38.37	-15.63	54	49.42	39.89	17.15	68.09	-	-	A	V
			14490	50.64	-23.36	74	56.84	41.94	19.6	67.74	-	-	P	V
			14490	40.79	-13.21	54	46.99	41.94	19.6	67.74	-	-	A	V
			18000	59.94	-14.06	74	57.88	49.04	22.44	69.42	-	-	P	V
			18000	49.26	-4.74	54	47.2	49.04	22.44	69.42	-	-	A	V
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WIFI	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 11 2462MHz		4924	51.21	-22.79	74	76.31	31.45	11.44	67.99	289	215	P	H	
		4924	48.77	-5.23	54	73.87	31.45	11.44	67.99	289	215	A	H	
		7386	51.73	-22.27	74	68.86	36.4	13.85	67.38	300	214	P	H	
		7386	47.16	-6.84	54	64.29	36.4	13.85	67.38	300	214	A	H	
		11550	48.88	-25.12	74	59.17	40.06	17.3	67.65	-	-	P	H	
		11550	39.12	-14.88	54	49.41	40.06	17.3	67.65	-	-	A	H	
		14490	50.86	-23.14	74	57.3	41.94	19.6	67.98	-	-	P	H	
		14490	40.62	-13.38	54	47.06	41.94	19.6	67.98	-	-	A	H	
		17985	60.52	-13.48	74	59.56	48.43	22.43	69.9	-	-	P	H	
		17985	50.22	-3.78	54	49.26	48.43	22.43	69.9	-	-	A	H	
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			4924	45.82	-28.18	74	71.01	31.33	11.44	67.96	-	-	P	V
			7386	49.39	-24.61	74	66.39	36.49	13.85	67.34	299	200	P	V
			7386	43.51	-10.49	54	60.51	36.49	13.85	67.34	299	200	A	V
			11445	49.48	-24.52	74	60.02	40.05	17.21	67.8	-	-	P	V
			11445	40.1	-13.9	54	50.64	40.05	17.21	67.8	-	-	A	V
			14490	50.63	-23.37	74	56.83	41.94	19.6	67.74	-	-	P	V
			14490	40.65	-13.35	54	46.85	41.94	19.6	67.74	-	-	A	V
			18000	59.63	-14.37	74	57.57	49.04	22.44	69.42	-	-	P	V
			18000	49.47	-4.53	54	47.41	49.04	22.44	69.42	-	-	A	V
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WiFi Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11b CH 12 2467MHz		4934	42.11	-31.89	74	67.2	31.46	11.46	68.01	-	-	P	H	
		7401	45.46	-28.54	74	62.56	36.44	13.86	67.4	-	-	P	H	
		10935	48.72	-25.28	74	60.21	40.18	16.78	68.45	-	-	P	H	
		10935	39.34	-14.66	54	50.83	40.18	16.78	68.45	-	-	A	H	
		14490	50.11	-23.89	74	56.55	41.94	19.6	67.98	-	-	P	H	
		14490	40.38	-13.62	54	46.82	41.94	19.6	67.98	-	-	A	H	
		17985	59.17	-14.83	74	58.21	48.43	22.43	69.9	-	-	P	H	
		17985	49.67	-4.33	54	48.71	48.43	22.43	69.9	-	-	A	H	
														H
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			4934	41.36	-32.64	74	66.53	31.35	11.46	67.98	-	-	P	V
			7401	43.67	-30.33	74	60.74	36.48	13.86	67.41	-	-	P	V
			10905	49.36	-24.64	74	60.95	40.04	16.76	68.39	-	-	P	V
			10905	38.69	-15.31	54	50.28	40.04	16.76	68.39	-	-	A	V
			14490	51.07	-22.93	74	57.27	41.94	19.6	67.74	-	-	P	V
			14490	41.71	-12.29	54	47.91	41.94	19.6	67.74	-	-	A	V
			17985	60.25	-13.75	74	58.71	48.7	22.43	69.59	-	-	P	V
			17985	50.26	-3.74	54	48.72	48.7	22.43	69.59	-	-	A	V
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WIFI	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 13 2472MHz		4944	39.47	-34.53	74	64.55	31.47	11.48	68.03	-	-	P	H	
		7416	44.8	-29.2	74	61.79	36.46	13.88	67.33	-	-	P	H	
		11130	49.04	-24.96	74	60.43	39.84	16.94	68.17	-	-	P	H	
		11130	39.43	-14.57	54	50.82	39.84	16.94	68.17	-	-	A	H	
		14490	51.08	-22.92	74	57.52	41.94	19.6	67.98	-	-	P	H	
		14490	41.51	-12.49	54	47.95	41.94	19.6	67.98	-	-	A	H	
		18000	59.74	-14.26	74	58.2	48.82	22.44	69.72	-	-	P	H	
		18000	50.19	-3.81	54	48.65	48.82	22.44	69.72	-	-	A	H	
														H
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														H
			4944	38.05	-35.95	74	63.2	31.37	11.48	68	-	-	P	V
			7416	43.58	-30.42	74	60.59	36.47	13.88	67.36	-	-	P	V
			10890	49.31	-24.69	74	61	40.01	16.74	68.44	-	-	P	V
			10890	38.31	-15.69	54	50	40.01	16.74	68.44	-	-	A	V
			14490	50.61	-23.39	74	56.81	41.94	19.6	67.74	-	-	P	V
			14490	40.79	-13.21	54	46.99	41.94	19.6	67.74	-	-	A	V
			17985	60.24	-13.76	74	58.7	48.7	22.43	69.59	-	-	P	V
			17985	49.65	-4.35	54	48.11	48.7	22.43	69.59	-	-	A	V
													V	
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													V	
													V	
Remark	<ol style="list-style-type: none"> No other spurious found. All results are PASS against Peak and Average limit line. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. The emission level close to 18GHz is checked that the average emission level is noise floor only 													



2.4GHz 2400~2483.5MHz
WIFI 802.11g (Band Edge @ 3m)

WIFI	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		2389.8	62.43	-11.57	74	48.82	27.68	17.43	31.5	100	37	P	H	
		2389.70	50.69	-3.31	54	37.08	27.68	17.43	31.5	100	37	A	H	
	*	2412	110.13	36.13	74	96.5	27.66	17.46	31.49	100	37	P	H	
	*	2412	103.29	49.29	54	89.65	27.66	17.47	31.49	100	37	A	H	
													H	
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			2389.91	62.64	-11.36	74	48.93	27.78	17.43	31.5	123	83	P	V
			2389.91	49.92	-4.08	54	36.21	27.78	17.43	31.5	123	83	A	V
	*		2412	108.9	34.9	74	95.22	27.7	17.47	31.49	123	83	P	V
	*		2412	101.3	47.3	54	87.62	27.7	17.47	31.49	123	83	A	V
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														V
802.11g CH 06 2437MHz		2372.88	56.49	-17.51	74	42.66	27.72	17.4	31.29	112	23	P	H	
		2386.96	46.51	-7.49	54	32.67	27.69	17.43	31.28	112	23	A	H	
	*	2437	109.25	-	-	95.35	27.66	17.5	31.26	112	23	P	H	
	*	2437	102.2	-	-	88.3	27.66	17.5	31.26	112	23	A	H	
			2483.76	56.03	-17.97	74	42.07	27.62	17.58	31.24	112	23	P	H
			2484.16	46.59	-7.41	54	32.63	27.62	17.58	31.24	112	23	A	H
			2381.2	55.92	-18.08	74	41.98	27.81	17.42	31.29	129	72	P	V
			2383.44	46.39	-7.61	54	32.46	27.8	17.42	31.29	129	72	A	V
	*		2437	109.4	-	-	95.56	27.6	17.5	31.26	129	72	P	V
	*		2437	102.27	-	-	88.43	27.6	17.5	31.26	129	72	A	V
			2491.76	56.12	-17.88	74	42.26	27.5	17.59	31.23	129	72	P	V
			2486.96	46.46	-7.54	54	32.62	27.5	17.58	31.24	129	72	A	V



802.11g CH 11 2462MHz	*	2462	109.38	-	-	95.43	27.65	17.55	31.25	107	35	P	H
	*	2462	102.04	-	-	88.09	27.65	17.55	31.25	107	35	A	H
		2483.84	63.32	-10.68	74	49.36	27.62	17.58	31.24	107	35	P	H
		2483.72	49.85	-4.15	54	35.89	27.62	17.58	31.24	107	35	A	H
													H
													H
	*	2462	109.71	-	-	95.87	27.54	17.55	31.25	100	66	P	V
	*	2462	102.11	-	-	88.27	27.54	17.55	31.25	100	66	A	V
		2483.76	62.31	-11.69	74	48.46	27.51	17.58	31.24	100	66	P	V
		2483.56	49.41	-4.59	54	35.56	27.51	17.58	31.24	100	66	A	V
													V
													V
802.11g CH 12 2467MHz	*	2467	107.78	-	-	93.84	27.64	17.55	31.25	108	25	P	H
	*	2467	100.47	-	-	86.53	27.64	17.55	31.25	108	25	A	H
		2485.68	63.11	-10.89	74	49.15	27.62	17.58	31.24	108	25	P	H
		2483.56	50.62	-3.38	54	36.66	27.62	17.58	31.24	108	25	A	H
													H
													H
	*	2467	106.91	-	-	93.08	27.53	17.55	31.25	106	82	P	V
	*	2467	99.78	-	-	85.95	27.53	17.55	31.25	106	82	A	V
		2483.52	63.29	-10.71	74	49.44	27.51	17.58	31.24	106	82	P	V
		2483.52	50.65	-3.35	54	36.8	27.51	17.58	31.24	106	82	A	V
													V
													V



802.11g CH 13 2472MHz	*	2472	102.26	-	-	88.3	27.64	17.56	31.24	100	24	P	H
	*	2472	95.15	-	-	81.19	27.64	17.56	31.24	100	24	A	H
		2484.48	60.34	-13.66	74	46.38	27.62	17.58	31.24	100	24	P	H
		2484.2	50.9	-3.1	54	36.94	27.62	17.58	31.24	100	24	A	H
													H
													H
	*	2472	101.48	-	-	87.64	27.52	17.56	31.24	100	91	P	V
	*	2472	94.18	-	-	80.34	27.52	17.56	31.24	100	91	A	V
		2485.44	59.28	-14.72	74	45.43	27.51	17.58	31.24	100	91	P	V
		2483.92	50.04	-3.96	54	36.19	27.51	17.58	31.24	100	91	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	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	45.61	-28.39	74	70.77	31.49	11.23	67.88	-	-	P	H	
		12330	49.54	-24.46	74	60.23	38.86	17.94	67.49	-	-	P	H	
		12330	38.75	-15.25	54	49.44	38.86	17.94	67.49	-	-	A	H	
		14475	50.83	-23.17	74	57.26	41.95	19.59	67.97	-	-	P	H	
		14475	41.98	-12.02	54	48.41	41.95	19.59	67.97	-	-	A	H	
		18000	59.01	-14.99	74	57.47	48.82	22.44	69.72	-	-	P	H	
		18000	49.23	-4.77	54	47.69	48.82	22.44	69.72	-	-	A	H	
														H
														H
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														H
														H
														H
														H
			4824	46.73	-27.27	74	71.87	31.54	11.23	67.91	-	-	P	V
			11370	49.42	-24.58	74	60.58	39.87	17.14	68.17	-	-	P	V
			11370	38.5	-15.5	54	49.66	39.87	17.14	68.17	-	-	A	V
			14475	50.91	-23.09	74	57.16	41.91	19.59	67.75	-	-	P	V
			14475	41.61	-12.39	54	47.86	41.91	19.59	67.75	-	-	A	V
		17940	59.23	-14.77	74	59.24	47.68	22.39	70.08	-	-	P	V	
		17940	49.15	-4.85	54	49.16	47.68	22.39	70.08	-	-	A	V	
													V	
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													V	



WIFI	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 06 2437MHz		4874	43.6	-30.4	74	68.72	31.45	11.34	67.91	-	-	P	H	
		7311	58.71	-15.29	74	75.6	36.33	13.77	66.99	237	265	P	H	
		7311	45.84	-8.16	54	62.73	36.33	13.77	66.99	237	265	A	H	
		11355	49.46	-24.54	74	60.62	39.91	17.13	68.2	-	-	P	H	
		11355	38.57	-15.43	54	49.73	39.91	17.13	68.2	-	-	A	H	
		14490	50.47	-23.53	74	56.91	41.94	19.6	67.98	-	-	P	H	
		14490	41.6	-12.4	54	48.04	41.94	19.6	67.98	-	-	A	H	
		18000	58.94	-15.06	74	57.4	48.82	22.44	69.72	-	-	P	H	
		18000	49.87	-4.13	54	48.33	48.82	22.44	69.72	-	-	A	H	
														H
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														H
			4874	44.66	-29.34	74	69.81	31.41	11.34	67.9	-	-	P	V
			7311	53.15	-20.85	74	69.74	36.37	13.77	66.73	241	199	P	V
			7311	39.95	-14.05	54	56.54	36.37	13.77	66.73	241	199	A	V
			11490	49.23	-24.77	74	59.53	40.08	17.25	67.63	-	-	P	V
		11490	38.71	-15.29	54	49.01	40.08	17.25	67.63	-	-	A	V	
		14490	50.86	-23.14	74	57.06	41.94	19.6	67.74	-	-	P	V	
		14490	41.82	-12.18	54	48.02	41.94	19.6	67.74	-	-	A	V	
		17970	59.86	-14.14	74	58.85	48.36	22.41	69.76	-	-	P	V	
		17970	49.62	-4.38	54	48.61	48.36	22.41	69.76	-	-	A	V	
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WIFI	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 11 2462MHz		4924	41.75	-32.25	74	66.85	31.45	11.44	67.99	-	-	P	H	
		7386	52.5	-21.5	74	69.63	36.4	13.85	67.38	236	258	P	H	
		7386	40.27	-13.73	54	57.4	36.4	13.85	67.38	236	258	A	H	
		10950	49.14	-24.86	74	60.58	40.17	16.79	68.4	-	-	P	H	
		10950	38.39	-15.61	54	49.83	40.17	16.79	68.4	-	-	A	H	
		14475	50.19	-23.81	74	56.62	41.95	19.59	67.97	-	-	P	H	
		14475	41.5	-12.5	54	47.93	41.95	19.59	67.97	-	-	A	H	
		18000	59.95	-14.05	74	58.41	48.82	22.44	69.72	-	-	P	H	
		18000	49.97	-4.03	54	48.43	48.82	22.44	69.72	-	-	A	H	
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			4924	41.15	-32.85	74	66.34	31.33	11.44	67.96	-	-	P	V
			7386	45.59	-28.41	74	62.59	36.49	13.85	67.34	-	-	P	V
			11370	49.57	-24.43	74	60.73	39.87	17.14	68.17	-	-	P	V
			11370	41.76	-12.24	54	52.92	39.87	17.14	68.17	-	-	A	V
			14475	50.63	-23.37	74	56.88	41.91	19.59	67.75	-	-	P	V
			14475	41.76	-12.24	54	48.01	41.91	19.59	67.75	-	-	A	V
			18000	59.94	-14.06	74	57.88	49.04	22.44	69.42	-	-	P	V
			18000	50.21	-3.79	54	48.15	49.04	22.44	69.42	-	-	A	V
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WIFI	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 12 2467MHz		4934	39.33	-34.67	74	64.42	31.46	11.46	68.01	-	-	P	H	
		7401	44.36	-29.64	74	61.46	36.44	13.86	67.4	-	-	P	H	
		12600	49.2	-24.8	74	59.31	38.48	18.16	66.75	-	-	P	H	
		12600	38.5	-15.5	54	48.61	38.48	18.16	66.75	-	-	A	H	
		14490	50.04	-23.96	74	56.48	41.94	19.6	67.98	-	-	P	H	
		14490	41.84	-12.16	54	48.28	41.94	19.6	67.98	-	-	A	H	
		18000	59.16	-14.84	74	57.62	48.82	22.44	69.72	-	-	P	H	
		18000	50.29	-3.71	54	48.75	48.82	22.44	69.72	-	-	A	H	
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			4934	39.4	-34.6	74	64.57	31.35	11.46	67.98	-	-	P	V
			7401	43.7	-30.3	74	60.77	36.48	13.86	67.41	-	-	P	V
			11910	49.13	-24.87	74	60.48	39.12	17.6	68.07	-	-	P	V
		11910	38.27	-15.73	54	49.62	39.12	17.6	68.07	-	-	A	V	
		14490	51.22	-22.78	74	57.42	41.94	19.6	67.74	-	-	P	V	
		14490	42.02	-11.98	54	48.22	41.94	19.6	67.74	-	-	A	V	
		17985	59.59	-14.41	74	58.05	48.7	22.43	69.59	-	-	P	V	
		17985	50.29	-3.71	54	48.75	48.7	22.43	69.59	-	-	A	V	
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WIFI	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 13 2472MHz		4944	37.95	-36.05	74	63.03	31.47	11.48	68.03	-	-	P	H	
		7416	43.33	-30.67	74	60.32	36.46	13.88	67.33	-	-	P	H	
		12105	49.26	-24.74	74	59.42	39.3	17.76	67.22	-	-	P	H	
		12105	38.76	-15.24	54	48.92	39.3	17.76	67.22	-	-	A	H	
		14490	50.43	-23.57	74	56.87	41.94	19.6	67.98	-	-	P	H	
		14490	42.1	-11.9	54	48.54	41.94	19.6	67.98	-	-	A	H	
		17985	59.22	-14.78	74	58.26	48.43	22.43	69.9	-	-	P	H	
		17985	49.87	-4.13	54	48.91	48.43	22.43	69.9	-	-	A	H	
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			4944	38.23	-35.77	74	63.38	31.37	11.48	68	-	-	P	V
			7416	43.68	-30.32	74	60.69	36.47	13.88	67.36	-	-	P	V
			11580	49.43	-24.57	74	59.62	39.99	17.32	67.5	-	-	P	V
			11580	39.36	-14.64	54	49.55	39.99	17.32	67.5	-	-	A	V
			14490	50.69	-23.31	74	56.89	41.94	19.6	67.74	-	-	P	V
			14490	42.35	-11.65	54	48.55	41.94	19.6	67.74	-	-	A	V
			18000	59.32	-14.68	74	57.26	49.04	22.44	69.42	-	-	P	V
			18000	50.23	-3.77	54	48.17	49.04	22.44	69.42	-	-	A	V
													V	
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													V	
Remark	<ol style="list-style-type: none"> No other spurious found. All results are PASS against Peak and Average limit line. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. The emission level close to 18GHz is checked that the average emission level is noise floor only. 													



**2.4GHz 2400~2483.5MHz
WIFI 802.11n HT20 (Band Edge @ 3m)**

WIFI	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)	
802.11n HT20 CH 01 2412MHz		2389.8	65.38	-8.62	74	51.55	27.68	17.43	31.28	111	24	P	H	
		2390	50.43	-3.57	54	36.6	27.68	17.43	31.28	111	24	A	H	
	*	2412	108.32	-	-	94.46	27.66	17.47	31.27	111	24	P	H	
	*	2412	101.06	-	-	87.2	27.66	17.47	31.27	111	24	A	H	
													H	
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			2389.905	63.96	-10.04	74	50.03	27.78	17.43	31.28	111	78	P	V
			2390	49.53	-4.47	54	35.6	27.78	17.43	31.28	111	78	A	V
		*	2412	108.23	-	-	94.33	27.7	17.47	31.27	111	78	P	V
		*	2412	100.78	-	-	86.88	27.7	17.47	31.27	111	78	A	V
													V	
													V	
802.11n HT20 CH 06 2437MHz		2379.6	57.36	-16.64	74	43.52	27.71	17.42	31.29	100	28	P	H	
		2386.48	47.77	-6.23	54	33.93	27.69	17.43	31.28	100	28	A	H	
		*	2437	111.65	-	-	97.75	27.66	17.5	31.26	100	28	P	H
		*	2437	104.3	-	-	90.4	27.66	17.5	31.26	100	28	A	H
			2483.76	58.29	-15.71	74	44.33	27.62	17.58	31.24	100	28	P	H
			2495.84	48.04	-5.96	54	34.07	27.61	17.59	31.23	100	28	A	H
			2387.12	57.3	-16.7	74	43.36	27.79	17.43	31.28	100	80	P	V
			2389.36	47.36	-6.64	54	33.43	27.78	17.43	31.28	100	80	A	V
		*	2437	109.66	-	-	95.82	27.6	17.5	31.26	100	80	P	V
		*	2437	102.81	-	-	88.97	27.6	17.5	31.26	100	80	A	V
		2487.52	57.18	-16.82	74	43.34	27.5	17.58	31.24	100	80	P	V	
		2496.4	47.46	-6.54	54	33.61	27.49	17.59	31.23	100	80	A	V	



802.11n HT20 CH 11 2462MHz	*	2462	108.91	-	-	94.96	27.65	17.55	31.25	100	25	P	H
	*	2462	101.6	-	-	87.65	27.65	17.55	31.25	100	25	A	H
		2485.84	63.96	-10.04	74	50	27.62	17.58	31.24	100	25	P	H
		2483.52	49.54	-4.46	54	35.58	27.62	17.58	31.24	100	25	A	H
													H
													H
	*	2462	108.42	-	-	94.58	27.54	17.55	31.25	100	81	P	V
	*	2462	101.24	-	-	87.4	27.54	17.55	31.25	100	81	A	V
		2483.88	62.18	-11.82	74	48.33	27.51	17.58	31.24	100	81	P	V
		2484.08	48.97	-5.03	54	35.12	27.51	17.58	31.24	100	81	A	V
												V	
												V	
802.11n HT20 CH 12 2467MHz	*	2467	108.12	-	-	94.18	27.64	17.55	31.25	111	24	P	H
	*	2467	100.72	-	-	86.78	27.64	17.55	31.25	111	24	A	H
		2484.2	64.08	-9.92	74	50.12	27.62	17.58	31.24	111	24	P	H
		2483.52	50.88	-3.12	54	36.92	27.62	17.58	31.24	111	24	A	H
													H
													H
	*	2467	106.51	-	-	92.68	27.53	17.55	31.25	100	82	P	V
	*	2467	99.18	-	-	85.35	27.53	17.55	31.25	100	82	A	V
		2484.68	62.58	-11.42	74	48.73	27.51	17.58	31.24	100	82	P	V
		2483.52	49.92	-4.08	54	36.07	27.51	17.58	31.24	100	82	A	V
												V	
												V	



802.11n HT20 CH 13 2472MHz	*	2472	100.64	-	-	86.68	27.64	17.56	31.24	109	26	P	H
	*	2472	93.34	-	-	79.38	27.64	17.56	31.24	109	26	A	H
		2483.68	60.16	-13.84	74	46.2	27.62	17.58	31.24	109	26	P	H
		2483.52	50.22	-3.78	54	36.26	27.62	17.58	31.24	109	26	A	H
													H
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	*	2472	99.1	-	-	85.26	27.52	17.56	31.24	100	81	P	V
	*	2472	91.8	-	-	77.96	27.52	17.56	31.24	100	81	A	V
		2483.68	60	-14	74	46.15	27.51	17.58	31.24	100	81	P	V
		2483.56	49.46	-4.54	54	35.61	27.51	17.58	31.24	100	81	A	V
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													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI	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)	
802.11n HT20 CH 01 2412MHz		4824	41.71	-32.29	74	66.87	31.49	11.23	67.88	-	-	P	H	
		11415	49.48	-24.52	74	60.26	40.04	17.18	68	-	-	P	H	
		11415	39.02	-14.98	54	49.8	40.04	17.18	68	-	-	A	H	
		14490	50.48	-23.52	74	56.92	41.94	19.6	67.98	-	-	P	H	
		14490	42.21	-11.79	54	48.65	41.94	19.6	67.98	-	-	A	H	
		17970	58.17	-15.83	74	57.79	48.04	22.41	70.07	-	-	P	H	
		17970	49.88	-4.12	54	49.5	48.04	22.41	70.07	-	-	A	H	
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														H
														H
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			4824	43.11	-30.89	74	68.25	31.54	11.23	67.91	-	-	P	V
			10950	49.39	-24.61	74	60.69	40.13	16.79	68.22	-	-	P	V
			10950	38.97	-15.03	54	50.27	40.13	16.79	68.22	-	-	A	V
			14490	50.79	-23.21	74	56.99	41.94	19.6	67.74	-	-	P	V
			14490	42.33	-11.67	54	48.53	41.94	19.6	67.74	-	-	A	V
		17985	59.35	-14.65	74	57.81	48.7	22.43	69.59	-	-	P	V	
		17985	50.23	-3.77	54	48.69	48.7	22.43	69.59	-	-	A	V	
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WIFI	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)	
802.11n HT20 CH 06 2437MHz		4874	39.85	-34.15	74	64.97	31.45	11.34	67.91	-	-	P	H	
		7311	57.05	-16.95	74	73.94	36.33	13.77	66.99	237	260	P	H	
		7311	43.82	-10.18	54	60.71	36.33	13.77	66.99	237	260	A	H	
		11370	49.06	-24.94	74	60.14	39.94	17.14	68.16	-	-	P	H	
		11370	39.03	-14.97	54	50.11	39.94	17.14	68.16	-	-	A	H	
		14475	51.1	-22.9	74	57.53	41.95	19.59	67.97	-	-	P	H	
		14475	42.17	-11.83	54	48.6	41.95	19.59	67.97	-	-	A	H	
		17970	58.35	-15.65	74	57.97	48.04	22.41	70.07	-	-	P	H	
		17970	50.26	-3.74	54	49.88	48.04	22.41	70.07	-	-	A	H	
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			4874	39.45	-34.55	74	64.6	31.41	11.34	67.9	-	-	P	V
			7311	46.19	-27.81	74	62.78	36.37	13.77	66.73	-	-	P	V
		11340	49.87	-24.13	74	61.24	39.81	17.12	68.3	-	-	P	V	
		11340	39.41	-14.59	54	50.78	39.81	17.12	68.3	-	-	A	V	
		14475	50.73	-23.27	74	56.98	41.91	19.59	67.75	-	-	P	V	
		14475	42.31	-11.69	54	48.56	41.91	19.59	67.75	-	-	A	V	
		17970	59.68	-14.32	74	58.67	48.36	22.41	69.76	-	-	P	V	
		17970	50.1	-3.9	54	49.09	48.36	22.41	69.76	-	-	A	V	
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WIFI	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)	
802.11n HT20 CH 11 2462MHz		4924	41.64	-32.36	74	66.74	31.45	11.44	67.99	-	-	P	H	
		7386	44.32	-29.68	74	61.45	36.4	13.85	67.38	-	-	P	H	
		11250	49.6	-24.4	74	61.17	39.72	17.04	68.33	-	-	P	H	
		11250	39.23	-14.77	54	50.8	39.72	17.04	68.33	-	-	A	H	
		14475	50.67	-23.33	74	57.1	41.95	19.59	67.97	-	-	P	H	
		14475	42.2	-11.8	54	48.63	41.95	19.59	67.97	-	-	A	H	
		18000	58.42	-15.58	74	56.88	48.82	22.44	69.72	-	-	P	H	
		18000	49.75	-4.25	54	48.21	48.82	22.44	69.72	-	-	A	H	
														H
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														H
														H
			4924	40	-34	74	65.19	31.33	11.44	67.96	-	-	P	V
			7386	43.86	-30.14	74	60.86	36.49	13.85	67.34	-	-	P	V
			11655	49.67	-24.33	74	60.07	39.72	17.39	67.51	-	-	P	V
			11655	39.15	-14.85	54	49.55	39.72	17.39	67.51	-	-	A	V
			14490	51.28	-22.72	74	57.48	41.94	19.6	67.74	-	-	P	V
		14490	42.76	-11.24	54	48.96	41.94	19.6	67.74	-	-	A	V	
		18000	58.73	-15.27	74	56.67	49.04	22.44	69.42	-	-	P	V	
		18000	50.33	-3.67	54	48.27	49.04	22.44	69.42	-	-	A	V	
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													V	
													V	



WIFI	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)	
802.11n HT20 CH 12 2467MHz		4934	40.39	-33.61	74	65.48	31.46	11.46	68.01	-	-	P	H	
		7401	44.73	-29.27	74	61.83	36.44	13.86	67.4	-	-	P	H	
		11505	49.75	-24.25	74	60.03	40.16	17.26	67.7	-	-	P	H	
		11505	39.3	-14.7	54	49.58	40.16	17.26	67.7	-	-	A	H	
		14490	50.58	-23.42	74	57.02	41.94	19.6	67.98	-	-	P	H	
		14490	42.11	-11.89	54	48.55	41.94	19.6	67.98	-	-	A	H	
		17970	58.76	-15.24	74	58.38	48.04	22.41	70.07	-	-	P	H	
		17970	50.31	-3.69	54	49.93	48.04	22.41	70.07	-	-	A	H	
														H
														H
														H
														H
														H
														H
			4934	40.33	-33.67	74	65.5	31.35	11.46	67.98	-	-	P	V
		7401	43.81	-30.19	74	60.88	36.48	13.86	67.41	-	-	P	V	
		10935	50.37	-23.63	74	61.77	40.1	16.78	68.28	-	-	P	V	
		10935	39.76	-14.24	54	51.16	40.1	16.78	68.28	-	-	A	V	
		14490	50.76	-23.24	74	56.96	41.94	19.6	67.74	-	-	P	V	
		14490	42.32	-11.68	54	48.52	41.94	19.6	67.74	-	-	A	V	
		17985	59.56	-14.44	74	58.02	48.7	22.43	69.59	-	-	P	V	
		17985	50.07	-3.93	54	48.53	48.7	22.43	69.59	-	-	A	V	
													V	
													V	
													V	
													V	
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													V	
													V	



WIFI	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)	
802.11n HT20 CH 13 2472MHz		4944	38.19	-35.81	74	63.27	31.47	11.48	68.03	-	-	P	H	
		7416	44.17	-29.83	74	61.16	36.46	13.88	67.33	-	-	P	H	
		11550	49.16	-24.84	74	59.45	40.06	17.3	67.65	-	-	P	H	
		11550	40.7	-13.3	54	50.99	40.06	17.3	67.65	-	-	A	H	
		14475	50.97	-23.03	74	57.4	41.95	19.59	67.97	-	-	P	H	
		14475	42.34	-11.66	54	48.77	41.95	19.59	67.97	-	-	A	H	
		18000	58.87	-15.13	74	57.33	48.82	22.44	69.72	-	-	P	H	
		18000	50.38	-3.62	54	48.84	48.82	22.44	69.72	-	-	A	H	
														H
														H
														H
														H
			4944	38.38	-35.62	74	63.53	31.37	11.48	68	-	-	P	V
			7416	43.58	-30.42	74	60.59	36.47	13.88	67.36	-	-	P	V
			11160	49.23	-24.77	74	60.66	39.79	16.97	68.19	-	-	P	V
			11160	38.13	-15.87	54	49.56	39.79	16.97	68.19	-	-	A	V
			14475	50.69	-23.31	74	56.94	41.91	19.59	67.75	-	-	P	V
			14475	42.13	-11.87	54	48.38	41.91	19.59	67.75	-	-	A	V
			17985	59.25	-14.75	74	57.71	48.7	22.43	69.59	-	-	P	V
			17985	50.44	-3.56	54	48.9	48.7	22.43	69.59	-	-	A	V
													V	
													V	
													V	
													V	
Remark	<ol style="list-style-type: none"> No other spurious found. All results are PASS against Peak and Average limit line. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. The emission level close to 18GHz is checked that the average emission level is noise floor only 													



Emission above 18GHz

2.4GHz WIFI 802.11g (SHF)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
2.4GHz 802.11g SHF		22718	37.42	-36.58	74	35.69	38.87	14.86	52	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
			23124	38.29	-35.71	74	36.27	38.96	14.98	51.92	-	-	P
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
Remark	<ol style="list-style-type: none"> No other spurious found. All results are PASS against limit line. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. 												



Emission below 1GHz
2.4GHz WIFI 802.11g (LF)

WIFI	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)	
2.4GHz 802.11g LF		30.97	22.74	-17.26	40	29.53	24.71	0.93	32.43	-	-	P	H	
		111.48	16.16	-27.34	43.5	29.57	17.25	1.75	32.41	-	-	P	H	
		425.76	22.81	-23.19	46	29.11	22.9	3.32	32.52	-	-	P	H	
		577.08	26.6	-19.4	46	29.37	26	3.85	32.62	-	-	P	H	
		746.83	34.76	-11.24	46	34.66	28.1	4.41	32.41	-	-	P	H	
		945.68	33.36	-12.64	46	28.6	31.03	4.98	31.25	-	-	P	H	
														H
														H
														H
														H
														H
														H
														H
			30	22.02	-17.98	40	28.43	25.1	0.92	32.43	-	-	P	V
			114.39	16.97	-26.53	43.5	30.21	17.4	1.76	32.4	-	-	P	V
			261.83	20.56	-25.44	46	30.15	20.2	2.62	32.41	-	-	P	V
			578.05	26.8	-19.2	46	29.57	26	3.85	32.62	-	-	P	V
			750.71	33.43	-12.57	46	33.3	28.11	4.42	32.4	-	-	P	V
			946.65	33.55	-12.45	46	28.75	31.07	4.98	31.25	-	-	P	V
														V
													V	
													V	
													V	
													V	
													V	
Remark	<ol style="list-style-type: none"> No other spurious found. All results are PASS against limit line. The emission position marked as "-" means no suspected emission found or emission level has at least 6dB margin against limit or noise floor only. 													



Note symbol

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



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.
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
CH 01		2390	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H
2412MHz													

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

For Peak Limit @ 2390MHz:

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

For Average Limit @ 2390MHz:

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

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



Appendix C. Radiated Spurious Emission Plots

Test Engineer :	Michael Bui and Daniel Lee	Temperature :	21.2 ~ 23.6°C
		Relative Humidity :	42.0 ~ 45.5%

Note symbol

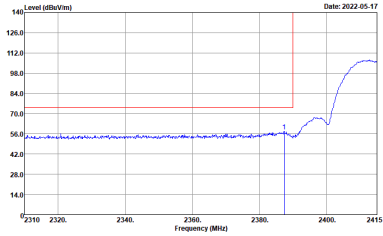
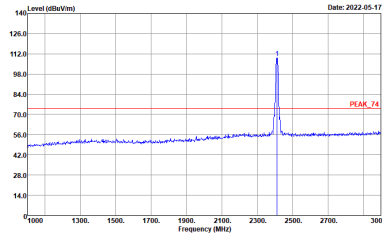
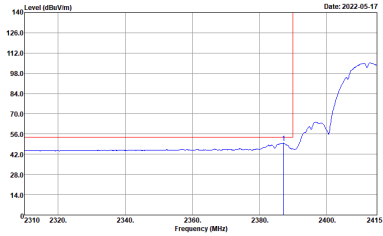
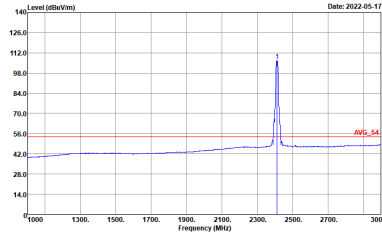
-L	Low channel location
-R	High channel location



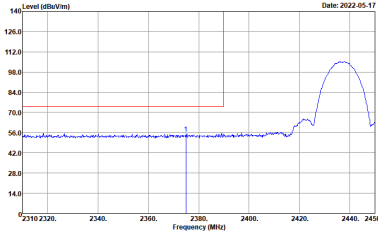
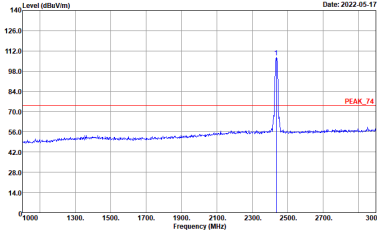
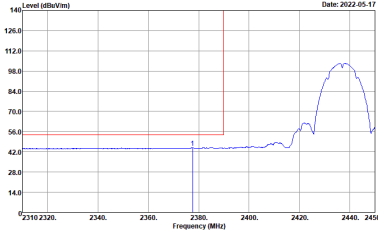
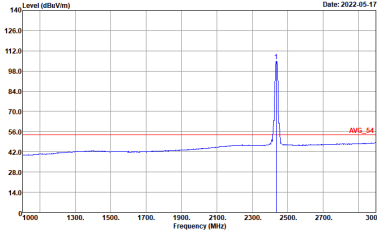
2.4GHz 2400~2483.5MHz
WIFI 802.11b (Band Edge @ 3m)

Table with 2 columns (Horizontal, Fundamental) and 2 rows (Peak, Avg.). Each cell contains a spectral plot with Level (dBm/10m) vs Frequency (MHz) and associated site/condition metadata.

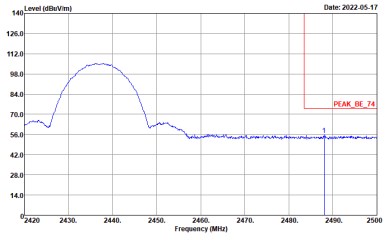
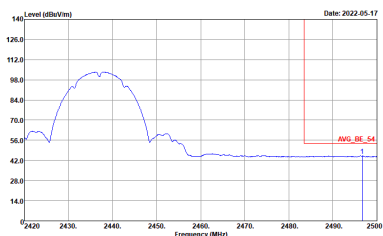


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
802.11b CH01 2412MHz		
	Vertical	Fundamental
Peak	 <p>Date: 2022-05-17</p> <p>Site Condition : 03CH02-CA : PEAK_BE_74 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Date: 2022-05-17</p> <p>Site Condition : 03CH02-CA : PEAK_74 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Date: 2022-05-17</p> <p>Site Condition : 03CH02-CA : AVG_BE_54 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto</p>	 <p>Date: 2022-05-17</p> <p>Site Condition : 03CH02-CA : AVG_54 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto</p>

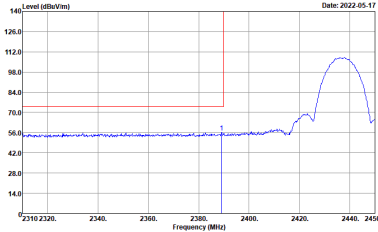
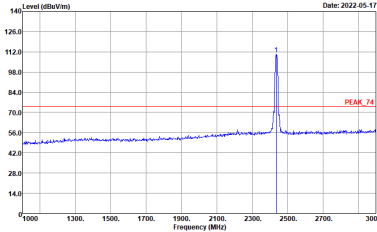
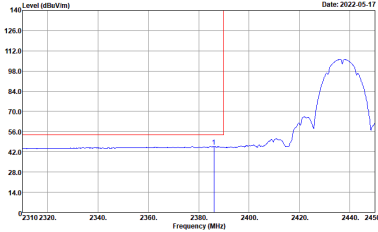
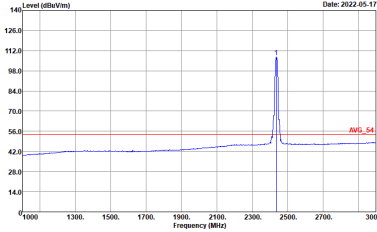


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
802.11b CH06 2437MHz - L		
Horizontal		Fundamental
Peak	 <p>Date: 2022-05-17</p> <p>Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Date: 2022-05-17</p> <p>Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Date: 2022-05-17</p> <p>Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto</p>	 <p>Date: 2022-05-17</p> <p>Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto</p>



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
802.11b CH06 2437MHz - R		
Horizontal		Fundamental
Peak	 <p>Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWF:Auto</p>	Left blank
Avg.	 <p>Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000kHz VBW:0.300kHz SWF:Auto</p>	Left blank

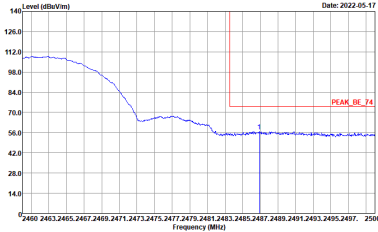
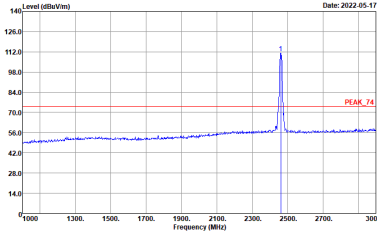
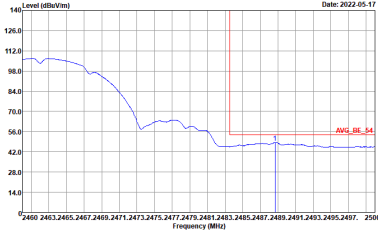
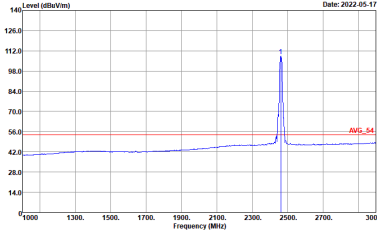


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
802.11b CH06 2437MHz - L		
Vertical		Fundamental
Peak	 <p>Date: 2022-05-17</p> <p>Site Condition : 03CH02-CA : PEAK_BE_74 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Date: 2022-05-17</p> <p>Site Condition : 03CH02-CA : PEAK_74 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Date: 2022-05-17</p> <p>Site Condition : 03CH02-CA : AVG_BE_54 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto</p>	 <p>Date: 2022-05-17</p> <p>Site Condition : 03CH02-CA : AVG_54 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto</p>

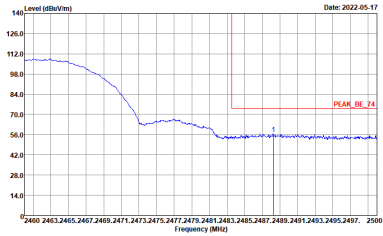
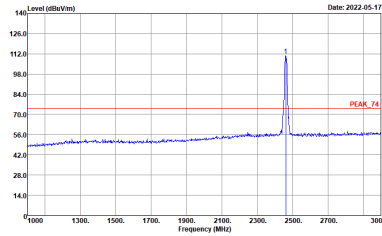
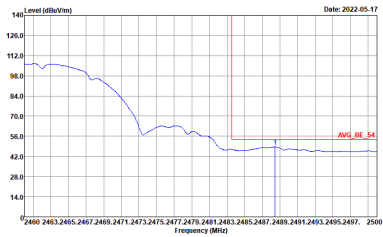
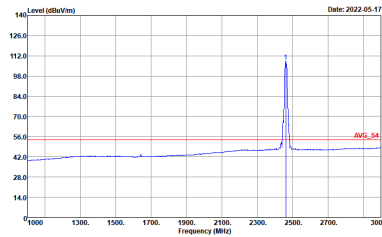


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	802.11b CH06 2437MHz - R	
	Vertical	Fundamental
Peak	<p>Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01899_2021 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank
Avg.	<p>Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01899_2021 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto</p>	Left blank

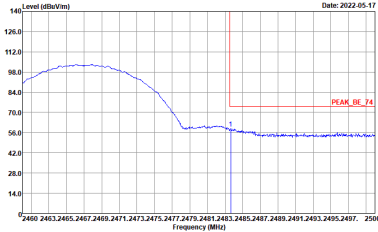
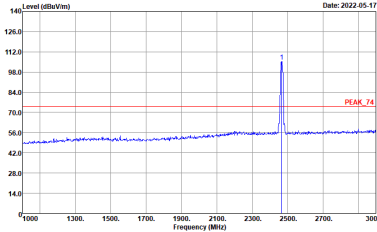
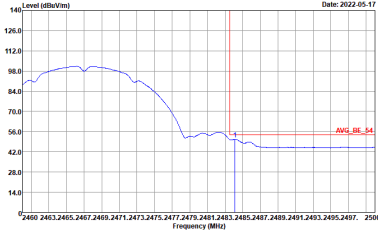
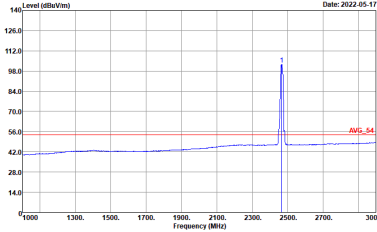


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
802.11b CH11 2462MHz		
Horizontal		Fundamental
Peak	 <p>Date: 2022-05-17</p> <p>Site Condition : 03CH02-CA : PEAK_BE_74 3m HORN-HF_01899_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Date: 2022-05-17</p> <p>Site Condition : 03CH02-CA : PEAK_74 3m HORN-HF_01899_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Date: 2022-05-17</p> <p>Site Condition : 03CH02-CA : AVG_BE_54 3m HORN-HF_01899_2021 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto</p>	 <p>Date: 2022-05-17</p> <p>Site Condition : 03CH02-CA : AVG_54 3m HORN-HF_01899_2021 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto</p>

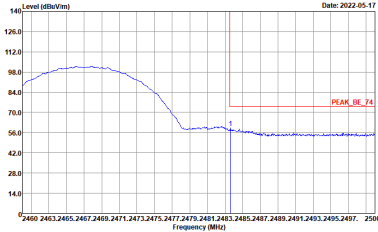
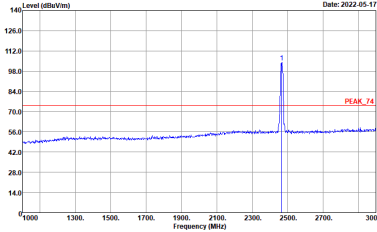
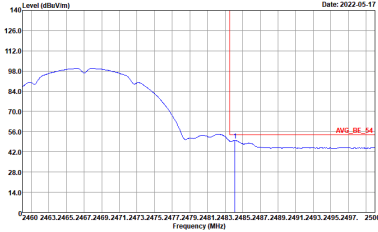
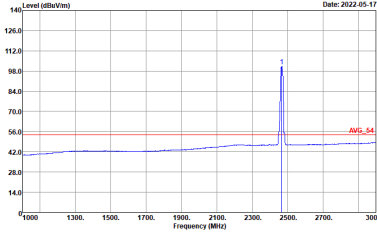


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
802.11b CH11 2462MHz		
Vertical		Fundamental
Peak	 <p>Date: 2022-05-17</p> <p>Level (dBm/1m) vs Frequency (MHz)</p> <p>Site Condition : 03CH02-CA : PEAK_BE_74 3m HORN-HF_01899_2021 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Date: 2022-05-17</p> <p>Level (dBm/1m) vs Frequency (MHz)</p> <p>Site Condition : 03CH02-CA : PEAK_74 3m HORN-HF_01899_2021 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Date: 2022-05-17</p> <p>Level (dBm/1m) vs Frequency (MHz)</p> <p>Site Condition : 03CH02-CA : AVG_BE_54 3m HORN-HF_01899_2021 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto</p>	 <p>Date: 2022-05-17</p> <p>Level (dBm/1m) vs Frequency (MHz)</p> <p>Site Condition : 03CH02-CA : AVG_54 3m HORN-HF_01899_2021 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto</p>

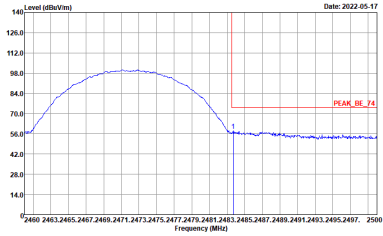
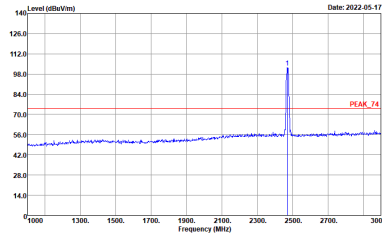
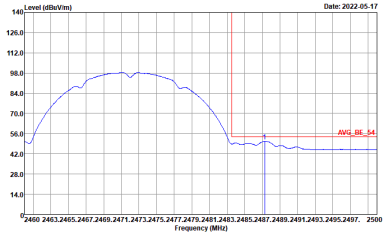
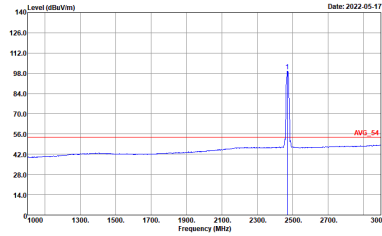


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
802.11b CH12 2467MHz		
Horizontal		Fundamental
Peak	 <p>Date: 2022-05-17</p> <p>Site Condition : 03CH02-CA : PEAK_BE_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Date: 2022-05-17</p> <p>Site Condition : 03CH02-CA : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Date: 2022-05-17</p> <p>Site Condition : 03CH02-CA : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto</p>	 <p>Date: 2022-05-17</p> <p>Site Condition : 03CH02-CA : AVG_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto</p>

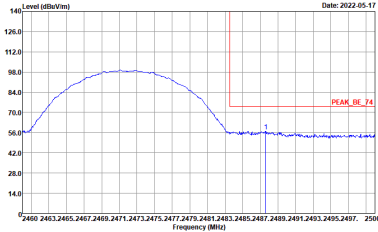
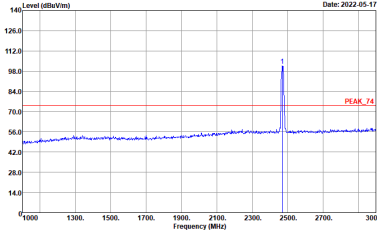
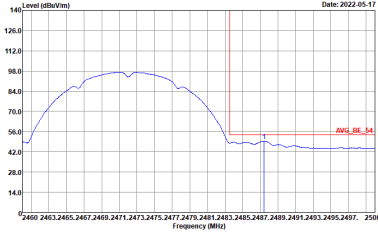
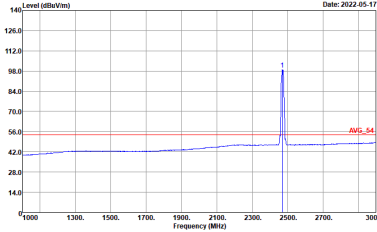


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
802.11b CH12 2467MHz		
Vertical		Fundamental
Peak	 <p>Date: 2022-05-17</p> <p>Level (dBm/100kHz)</p> <p>Frequency (MHz)</p> <p>Site Condition : 03CH02-CA : PEAK_BE_74 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Date: 2022-05-17</p> <p>Level (dBm/100kHz)</p> <p>Frequency (MHz)</p> <p>Site Condition : 03CH02-CA : PEAK_74 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Date: 2022-05-17</p> <p>Level (dBm/100kHz)</p> <p>Frequency (MHz)</p> <p>Site Condition : 03CH02-CA : AVG_BE_54 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto</p>	 <p>Date: 2022-05-17</p> <p>Level (dBm/100kHz)</p> <p>Frequency (MHz)</p> <p>Site Condition : 03CH02-CA : AVG_54 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto</p>



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
802.11b CH13 2472MHz		
Horizontal		Fundamental
Peak	 <p>Date: 2022-05-17</p> <p>Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Date: 2022-05-17</p> <p>Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Date: 2022-05-17</p> <p>Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto</p>	 <p>Date: 2022-05-17</p> <p>Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto</p>



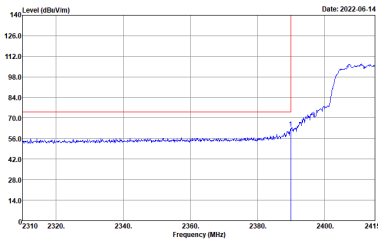
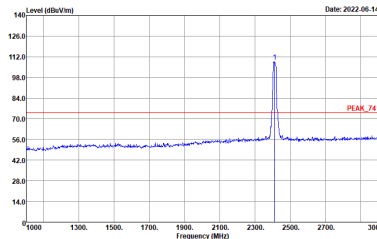
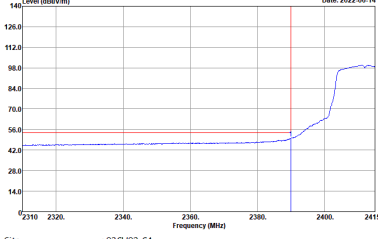
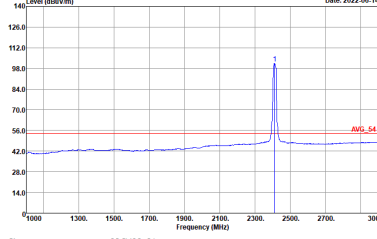
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
802.11b CH13 2472MHz		
Vertical		Fundamental
Peak	 <p>Date: 2022-05-17</p> <p>Site Condition : 03CH02-CA : PEAK_BE_74 3m HORN-HF_01899_2021 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Date: 2022-05-17</p> <p>Site Condition : 03CH02-CA : PEAK_74 3m HORN-HF_01899_2021 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Date: 2022-05-17</p> <p>Site Condition : 03CH02-CA : AVG_BE_54 3m HORN-HF_01899_2021 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto</p>	 <p>Date: 2022-05-17</p> <p>Site Condition : 03CH02-CA : AVG_54 3m HORN-HF_01899_2021 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto</p>



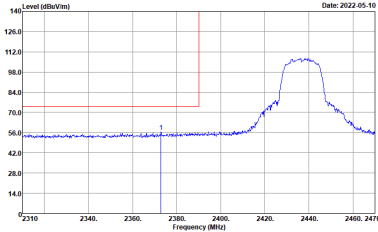
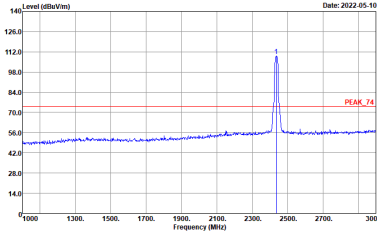
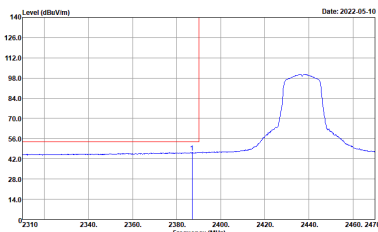
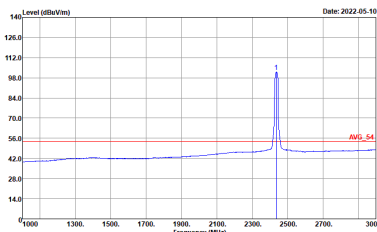
2.4GHz 2400~2483.5MHz
WIFI 802.11g (Band Edge @ 3m)

Table with 4 quadrants showing spectral analysis results. Top-left: Horizontal Peak plot (2310-2415 MHz). Top-right: Fundamental Peak plot (1000-3000 MHz). Bottom-left: Horizontal Avg. plot (2310-2415 MHz). Bottom-right: Fundamental Avg. plot (1000-3000 MHz). Each plot includes site and condition details.

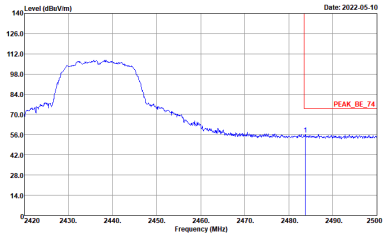
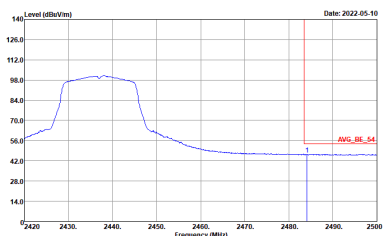


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
802.11g CH01 2412MHz		
	Vertical	Fundamental
Peak	 <p>Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	 <p>Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>

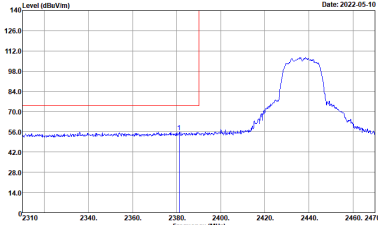
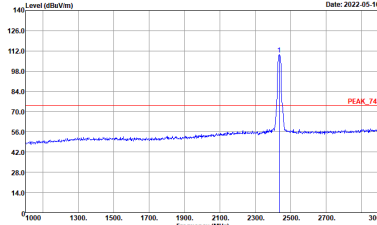
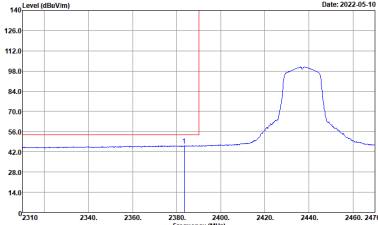
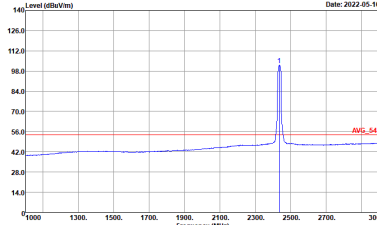


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	802.11g CH06 2437MHz - L	
	Horizontal	Fundamental
Peak	 <p>Date: 2022-05-10</p> <p>Site Condition : 03CH02-CA : PEAK_BE_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Date: 2022-05-10</p> <p>Site Condition : 03CH02-CA : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Date: 2022-05-10</p> <p>Site Condition : 03CH02-CA : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	 <p>Date: 2022-05-10</p> <p>Site Condition : 03CH02-CA : AVG_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>

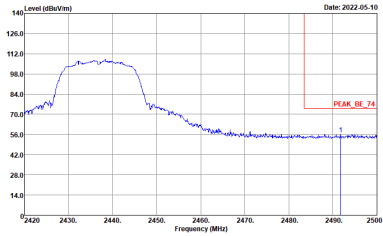
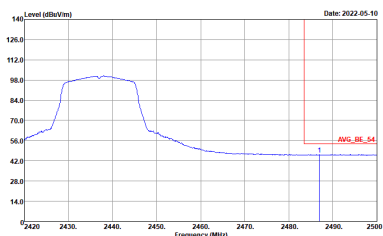


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
802.11g CH06 2437MHz - R		
Horizontal		Fundamental
<p>Peak</p>	 <p>Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01899_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Left blank</p>
<p>Avg.</p>	 <p>Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01899_2021 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	<p>Left blank</p>

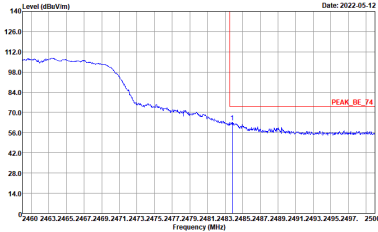
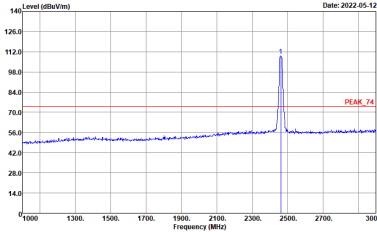
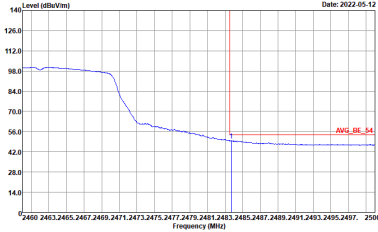
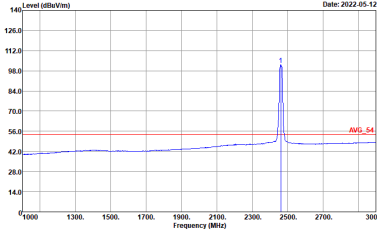


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
802.11g CH06 2437MHz - L		
Vertical		Fundamental
Peak	 <p>Date: 2022-05-10</p> <p>Site Condition : 03CH02-CA : PEAK_BE_74 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Date: 2022-05-10</p> <p>Site Condition : 03CH02-CA : PEAK_74 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Date: 2022-05-10</p> <p>Site Condition : 03CH02-CA : AVG_BE_54 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	 <p>Date: 2022-05-10</p> <p>Site Condition : 03CH02-CA : AVG_54 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>

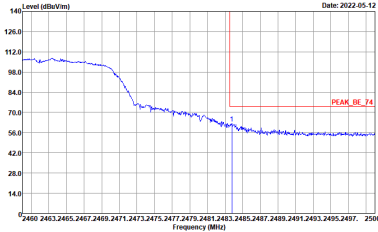
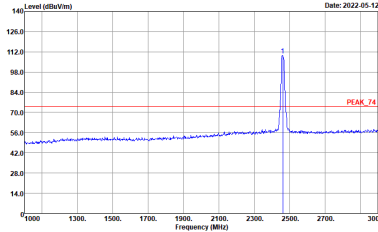
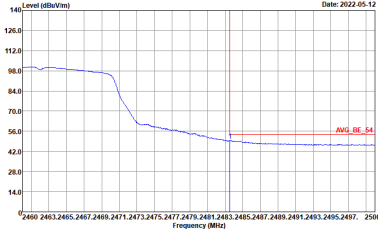
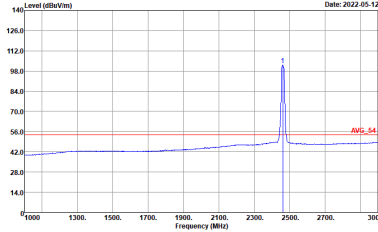


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	802.11g CH06 2437MHz - R	
	Vertical	Fundamental
Peak	 <p>Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left Blank
Avg.	 <p>Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	Left Blank

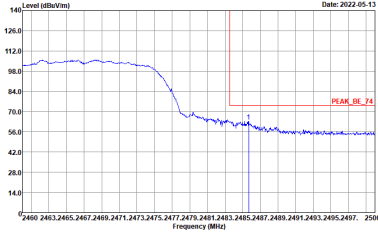
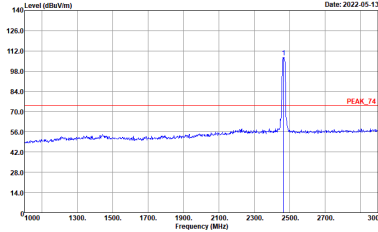
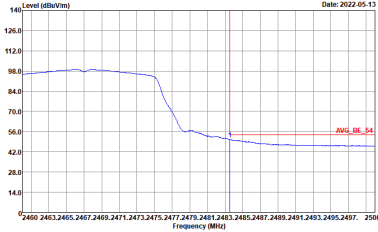
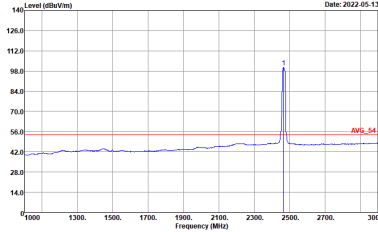


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
802.11g CH11 2462MHz		
Horizontal		Fundamental
Peak	 <p>Date: 2022-05-12</p> <p>Site Condition : 03CH02-CA : PEAK_BE_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Date: 2022-05-12</p> <p>Site Condition : 03CH02-CA : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Date: 2022-05-12</p> <p>Site Condition : 03CH02-CA : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	 <p>Date: 2022-05-12</p> <p>Site Condition : 03CH02-CA : AVG_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>

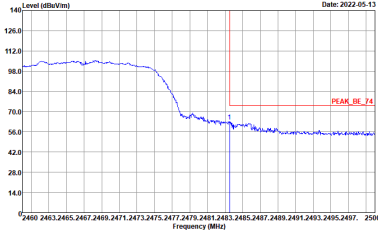
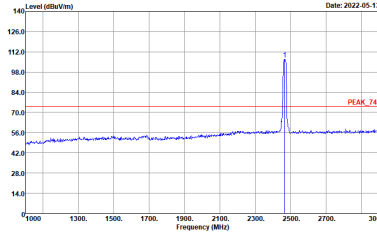
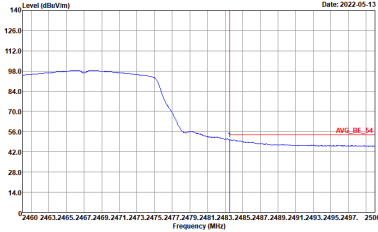
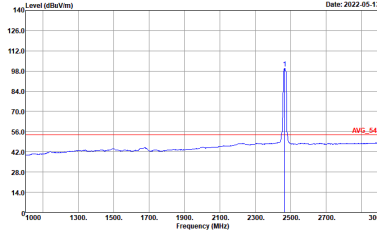


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
802.11g CH11 2462MHz		
Vertical		Fundamental
Peak	 <p>Date: 2022-05-12</p> <p>Level (dBm/1m) vs Frequency (MHz)</p> <p>Site Condition : 03CH02-CA : PEAK_BE_74 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Date: 2022-05-12</p> <p>Level (dBm/1m) vs Frequency (MHz)</p> <p>Site Condition : 03CH02-CA : PEAK_74 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Date: 2022-05-12</p> <p>Level (dBm/1m) vs Frequency (MHz)</p> <p>Site Condition : 03CH02-CA : AVG_BE_54 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	 <p>Date: 2022-05-12</p> <p>Level (dBm/1m) vs Frequency (MHz)</p> <p>Site Condition : 03CH02-CA : AVG_54 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>

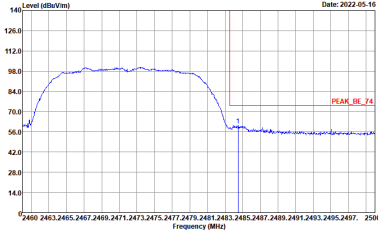
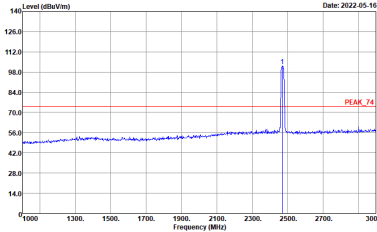
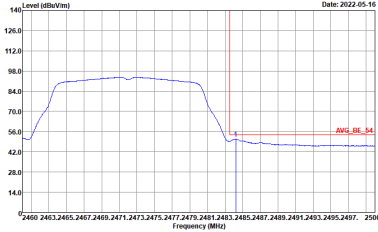
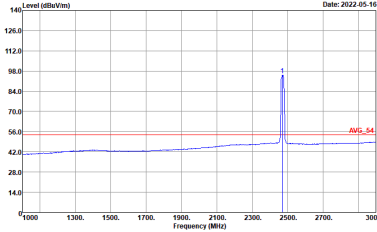


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
802.11g CH12 2467MHz		
Horizontal		Fundamental
Peak	 <p>Date: 2022-05-13</p> <p>Level (dBm/1m) vs Frequency (MHz)</p> <p>Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Date: 2022-05-13</p> <p>Level (dBm/1m) vs Frequency (MHz)</p> <p>Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Date: 2022-05-13</p> <p>Level (dBm/1m) vs Frequency (MHz)</p> <p>Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	 <p>Date: 2022-05-13</p> <p>Level (dBm/1m) vs Frequency (MHz)</p> <p>Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>

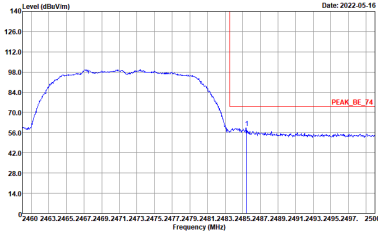
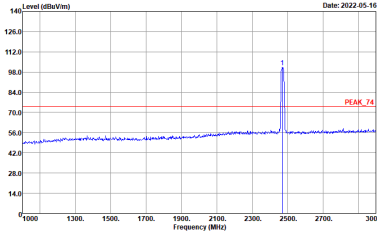
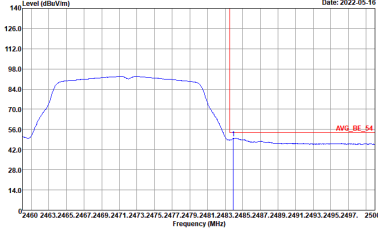
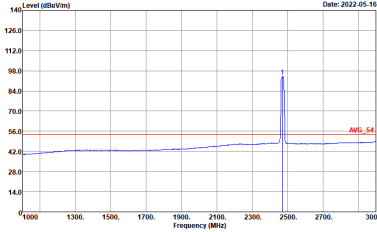


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
802.11g CH12 2467MHz		
Vertical		Fundamental
Peak	 <p>Date: 2022-05-13</p> <p>Level (dBm/100kHz)</p> <p>Frequency (MHz)</p> <p>Site Condition : 03CH02-CA : PEAK_BE_74 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Date: 2022-05-13</p> <p>Level (dBm/100kHz)</p> <p>Frequency (MHz)</p> <p>Site Condition : 03CH02-CA : PEAK_74 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Date: 2022-05-13</p> <p>Level (dBm/100kHz)</p> <p>Frequency (MHz)</p> <p>Site Condition : 03CH02-CA : AVG_BE_54 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	 <p>Date: 2022-05-13</p> <p>Level (dBm/100kHz)</p> <p>Frequency (MHz)</p> <p>Site Condition : 03CH02-CA : AVG_54 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
802.11g CH13 2472MHz		
Horizontal		Fundamental
Peak	 <p>Date: 2022-05-16</p> <p>Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Date: 2022-05-16</p> <p>Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Date: 2022-05-16</p> <p>Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	 <p>Date: 2022-05-16</p> <p>Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>



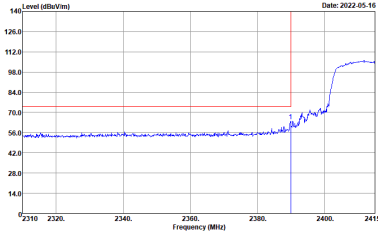
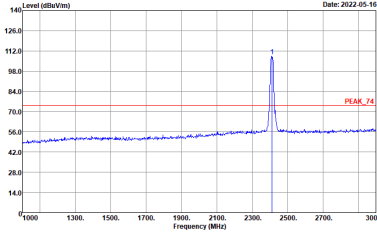
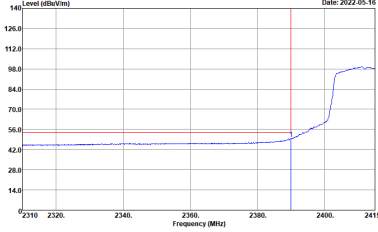
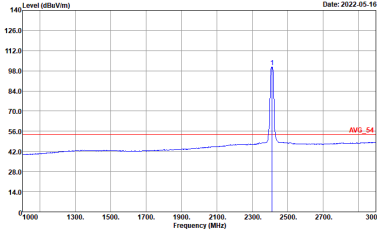
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
802.11g CH13 2472MHz		
Vertical		Fundamental
Peak	 <p>Date: 2022-05-16</p> <p>Level (dBm/100MHz)</p> <p>Frequency (MHz)</p> <p>PEAK_BE_74</p> <p>Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01899_2021 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Date: 2022-05-16</p> <p>Level (dBm/100MHz)</p> <p>Frequency (MHz)</p> <p>PEAK_74</p> <p>Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01899_2021 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Date: 2022-05-16</p> <p>Level (dBm/100MHz)</p> <p>Frequency (MHz)</p> <p>AVG_BE_54</p> <p>Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01899_2021 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	 <p>Date: 2022-05-16</p> <p>Level (dBm/100MHz)</p> <p>Frequency (MHz)</p> <p>AVG_54</p> <p>Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01899_2021 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>



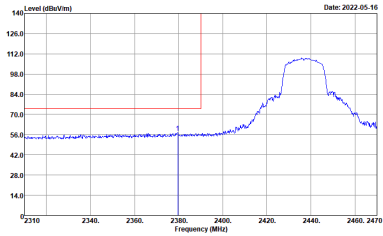
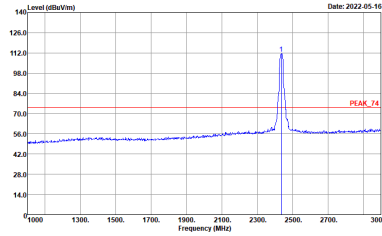
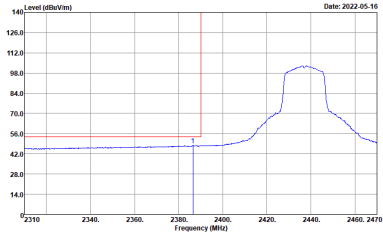
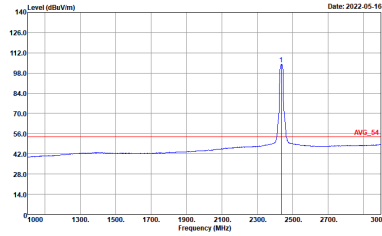
2.4GHz 2400~2483.5MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

Table with 2 columns (Horizontal, Fundamental) and 2 rows (Peak, Avg.). Each cell contains a spectral plot with site and condition details.

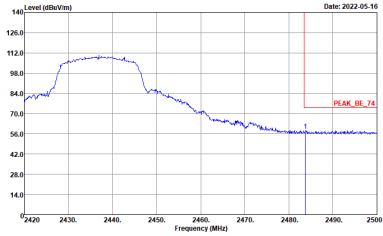
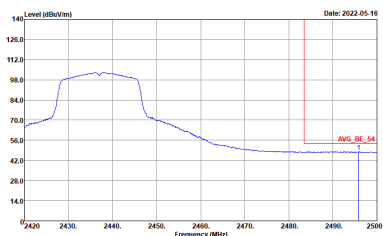


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
802.11n HT20 CH01 2412MHz		
Vertical		Fundamental
Peak	 <p>Date: 2022-05-16</p> <p>Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Date: 2022-05-16</p> <p>Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Date: 2022-05-16</p> <p>Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	 <p>Date: 2022-05-16</p> <p>Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>

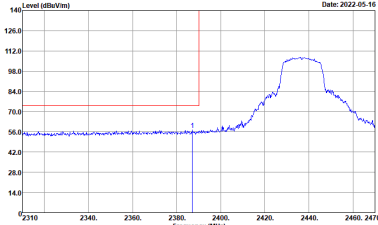
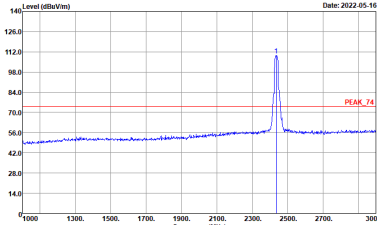
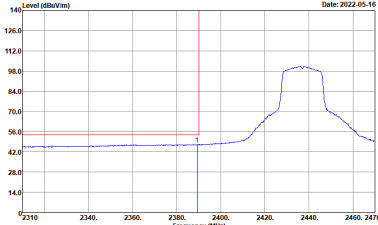
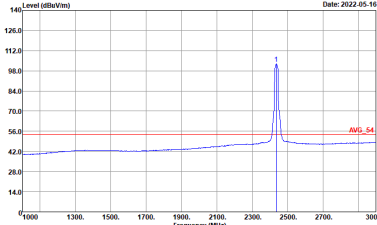


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
802.11n HT20 CH06 2437MHz - L		
	Horizontal	Fundamental
Peak	 <p>Date: 2022-05-16</p> <p>Site Condition : 03CH02-CA : PEAK_BE_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Date: 2022-05-16</p> <p>Site Condition : 03CH02-CA : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Date: 2022-05-16</p> <p>Site Condition : 03CH02-CA : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	 <p>Date: 2022-05-16</p> <p>Site Condition : 03CH02-CA : AVG_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	802.11n HT20 CH06 2437MHz - R	
	Horizontal	Fundamental
<p>Peak</p>	 <p>Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	<p>Left blank</p>
<p>Avg.</p>	 <p>Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000kHz VBW:10000kHz SWT:Auto</p>	<p>Left blank</p>

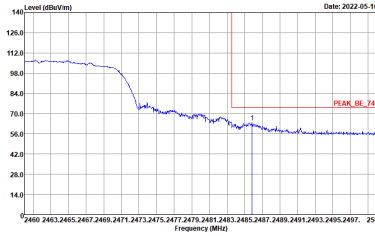
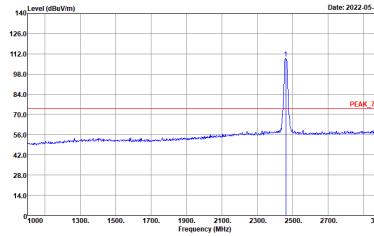
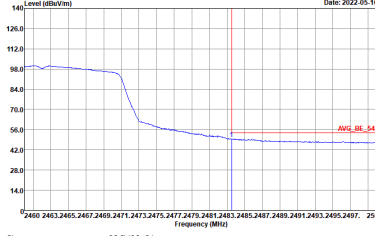
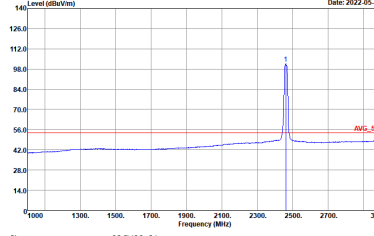


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	802.11n HT20 CH06 2437MHz - L	
	Vertical	Fundamental
Peak	 <p>Date: 2022-05-16</p> <p>Site Condition : 03CH02-CA : PEAK_BE_74 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Date: 2022-05-16</p> <p>Site Condition : 03CH02-CA : PEAK_74 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Date: 2022-05-16</p> <p>Site Condition : 03CH02-CA : AVG_BE_54 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	 <p>Date: 2022-05-16</p> <p>Site Condition : 03CH02-CA : AVG_54 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>

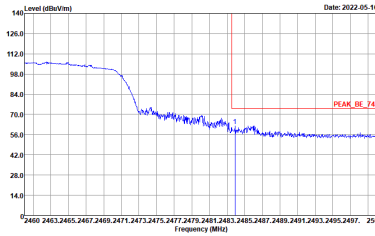
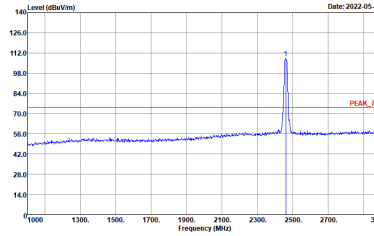
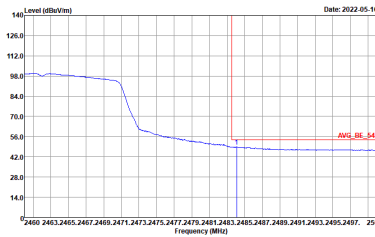
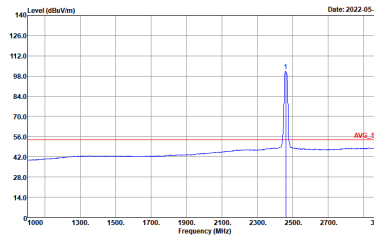


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	802.11n HT20 CH06 2437MHz - R	
	Vertical	Fundamental
Peak	<p>Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left Blank
Avg.	<p>Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	Left Blank

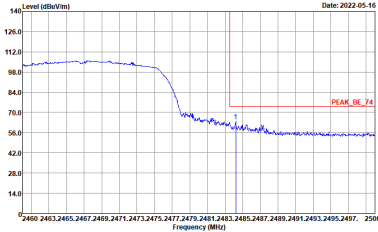
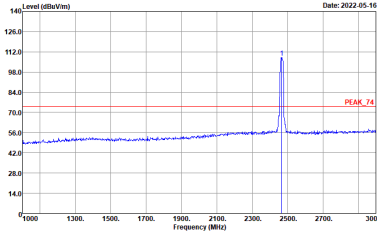
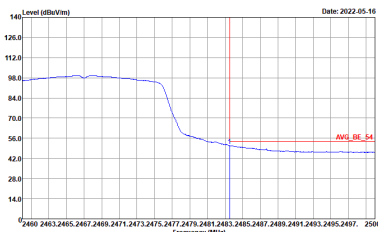
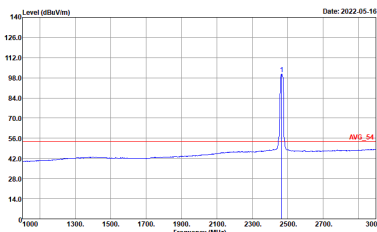


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	802.11n HT20 CH11 2462MHz	
	Horizontal	Fundamental
Peak	 <p>Date: 2022-05-16</p> <p>Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Date: 2022-05-16</p> <p>Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Date: 2022-05-16</p> <p>Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	 <p>Date: 2022-05-16</p> <p>Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>

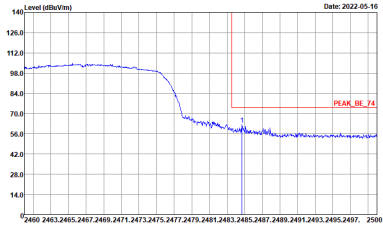
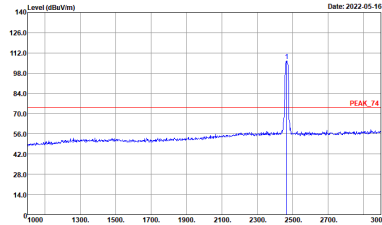
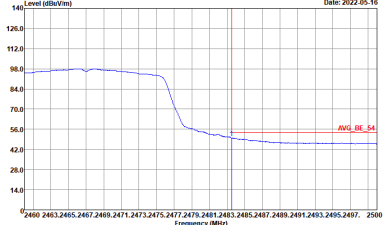
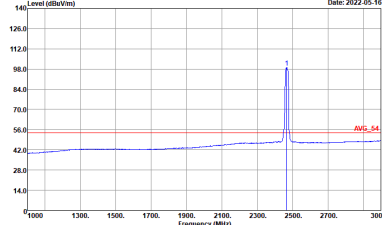


WIFI	2.4GHz 2400~2483.5MHz Fundamental @ 3m	
802.11n HT20 CH11 2462MHz		
Vertical		Fundamental
Peak	 <p>Date: 2022-05-16</p> <p>Level (dBm/1m) vs Frequency (MHz)</p> <p>Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01899_2021 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Date: 2022-05-16</p> <p>Level (dBm/1m) vs Frequency (MHz)</p> <p>Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01899_2021 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Date: 2022-05-16</p> <p>Level (dBm/1m) vs Frequency (MHz)</p> <p>Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01899_2021 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	 <p>Date: 2022-05-16</p> <p>Level (dBm/1m) vs Frequency (MHz)</p> <p>Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01899_2021 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>

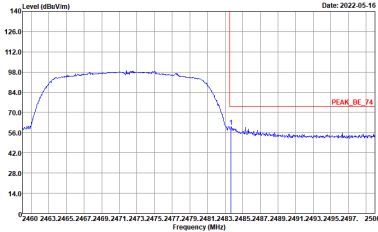
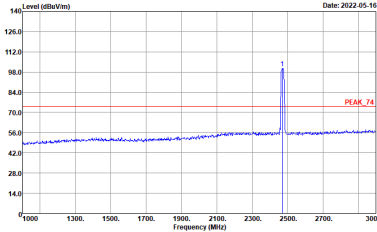
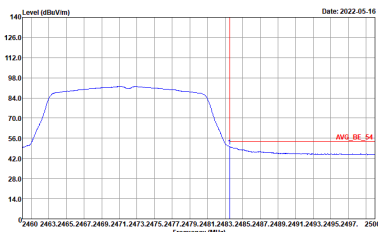
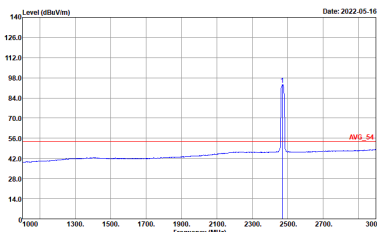


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
802.11n HT20 CH12 2467MHz		
Horizontal		Fundamental
Peak	 <p>Date: 2022-05-16</p> <p>Level (dBm/1m) vs Frequency (MHz)</p> <p>PEAK_BE_74</p> <p>Site Condition : 03CH02-CA : PEAK_BE_74 3m HORN-HF_01899_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Date: 2022-05-16</p> <p>Level (dBm/1m) vs Frequency (MHz)</p> <p>PEAK_74</p> <p>Site Condition : 03CH02-CA : PEAK_74 3m HORN-HF_01899_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Date: 2022-05-16</p> <p>Level (dBm/1m) vs Frequency (MHz)</p> <p>AVG_BE_54</p> <p>Site Condition : 03CH02-CA : AVG_BE_54 3m HORN-HF_01899_2021 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	 <p>Date: 2022-05-16</p> <p>Level (dBm/1m) vs Frequency (MHz)</p> <p>AVG_54</p> <p>Site Condition : 03CH02-CA : AVG_54 3m HORN-HF_01899_2021 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
802.11n HT20 CH12 2467MHz		
Vertical		Fundamental
Peak	 <p>Date: 2022-05-16</p> <p>Level (dBm/1m) vs Frequency (MHz)</p> <p>Peak: PEAK_BE_74</p> <p>Site Condition: : 03CH02-CA : PEAK_BE_74 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Date: 2022-05-16</p> <p>Level (dBm/1m) vs Frequency (MHz)</p> <p>Peak: PEAK_74</p> <p>Site Condition: : 03CH02-CA : PEAK_74 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Date: 2022-05-16</p> <p>Level (dBm/1m) vs Frequency (MHz)</p> <p>Avg: AVG_BE_54</p> <p>Site Condition: : 03CH02-CA : AVG_BE_54 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	 <p>Date: 2022-05-16</p> <p>Level (dBm/1m) vs Frequency (MHz)</p> <p>Avg: AVG_54</p> <p>Site Condition: : 03CH02-CA : AVG_54 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
802.11n HT20 CH13 2472MHz		
Horizontal		Fundamental
Peak	 <p>Site : :03CH02-CA Condition : :PEAK_BE_74 3m HORN-HF_01899_2021 HORIZONTAL :RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : :03CH02-CA Condition : :PEAK_74 3m HORN-HF_01899_2021 HORIZONTAL :RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : :03CH02-CA Condition : :AVG_BE_54 3m HORN-HF_01899_2021 HORIZONTAL :RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	 <p>Site : :03CH02-CA Condition : :AVG_54 3m HORN-HF_01899_2021 HORIZONTAL :RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
802.11n HT20 CH13 2472MHz		
	Vertical	Fundamental
Peak	<p>Date: 2022-05-16</p> <p>Site Condition : 03CH02-CA : PEAK_BE_74 3m HORN-HF_01899_2021 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Date: 2022-05-16</p> <p>Site Condition : 03CH02-CA : PEAK_74 3m HORN-HF_01899_2021 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	<p>Date: 2022-05-16</p> <p>Site Condition : 03CH02-CA : AVG_BE_54 3m HORN-HF_01899_2021 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	<p>Date: 2022-05-16</p> <p>Site Condition : 03CH02-CA : AVG_54 3m HORN-HF_01899_2021 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>



2.4GHz 2400~2483.5MHz
WIFI 802.11b (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
	802.11b CH01 2412MHz	
	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL</p>	<p>Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL</p>



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
	802.11b CH06 2437MHz	
	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL</p>	<p>Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL</p>

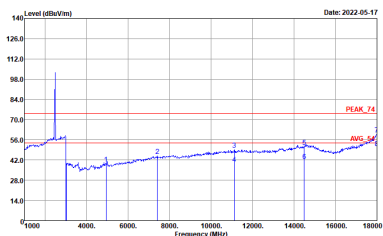
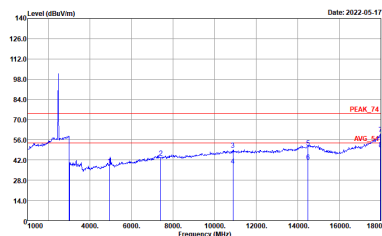


WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
	802.11b CH11 2462MHz	
	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL</p>	<p>Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL</p>



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
	802.11b CH12 2467MHz	
	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL</p>	<p>Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL</p>



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
	802.11b CH13 2472MHz	
	Horizontal	Vertical
Peak Avg.	 <p data-bbox="430 712 750 739">Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL</p>	 <p data-bbox="901 712 1220 739">Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL</p>



2.4GHz 2400~2483.5MHz
WIFI 802.11g (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
	802.11g CH01 2412MHz	
	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL</p>	<p>Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL</p>

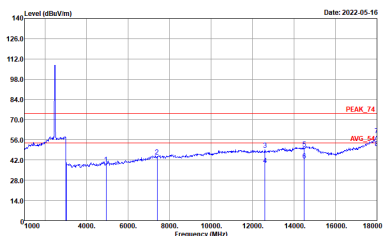
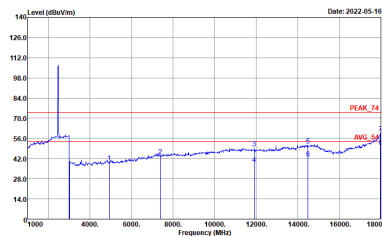


WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
	802.11g CH06 2437MHz	
	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL</p>	<p>Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL</p>



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
	802.11g CH11 2462MHz	
	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL</p>	<p>Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL</p>



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
	802.11g CH12 2467MHz	
	Horizontal	Vertical
Peak Avg.	 <p>Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL</p>	 <p>Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL</p>



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
	802.11g CH13 2472MHz	
	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL</p>	<p>Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL</p>



2.4GHz 2400~2483.5MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
	802.11n HT20 CH01 2412MHz	
	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL</p>	<p>Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL</p>



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
	802.11n HT20 CH06 2437MHz	
	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL</p>	<p>Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL</p>



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
	802.11n HT20 CH11 2462MHz	
	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL</p>	<p>Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL</p>



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
	802.11n HT20 CH12 2462MHz	
	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL</p>	<p>Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL</p>



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
	802.11n HT20 CH13 2472MHz	
	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL</p>	<p>Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL</p>



Emission above 18GHz
2.4GHz WIFI 802.11g (SHF @ 1m)

Table with 2 columns: Horizontal and Vertical. Each column contains a graph of Level (dBuV/m) vs Frequency (MHz) for Peak and Avg. measurements. Includes site and condition details for each graph.



Emission below 1GHz
2.4GHz WIFI 802.11g (LF)

WIFI	2.4GHz 2400~2483.5MHz	
	802.11g LF	
	Horizontal	Vertical
QP / Peak	<p>Site : 03CH02-CA Condition : QP 3m BIL06_54683_2021 HORIZONTAL</p>	<p>Site : 03CH02-CA Condition : QP 3m BIL06_54683_2021 VERTICAL</p>