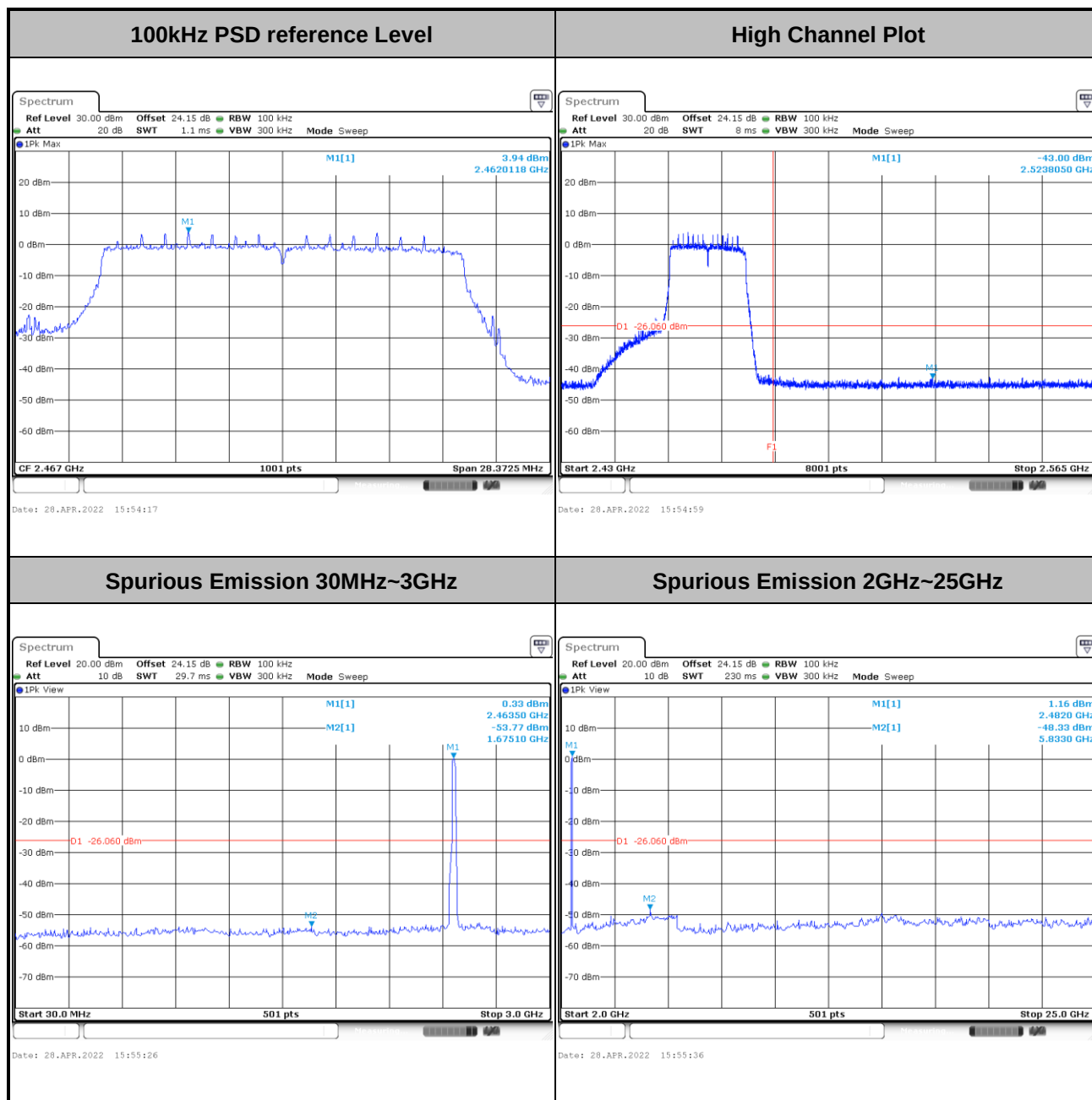


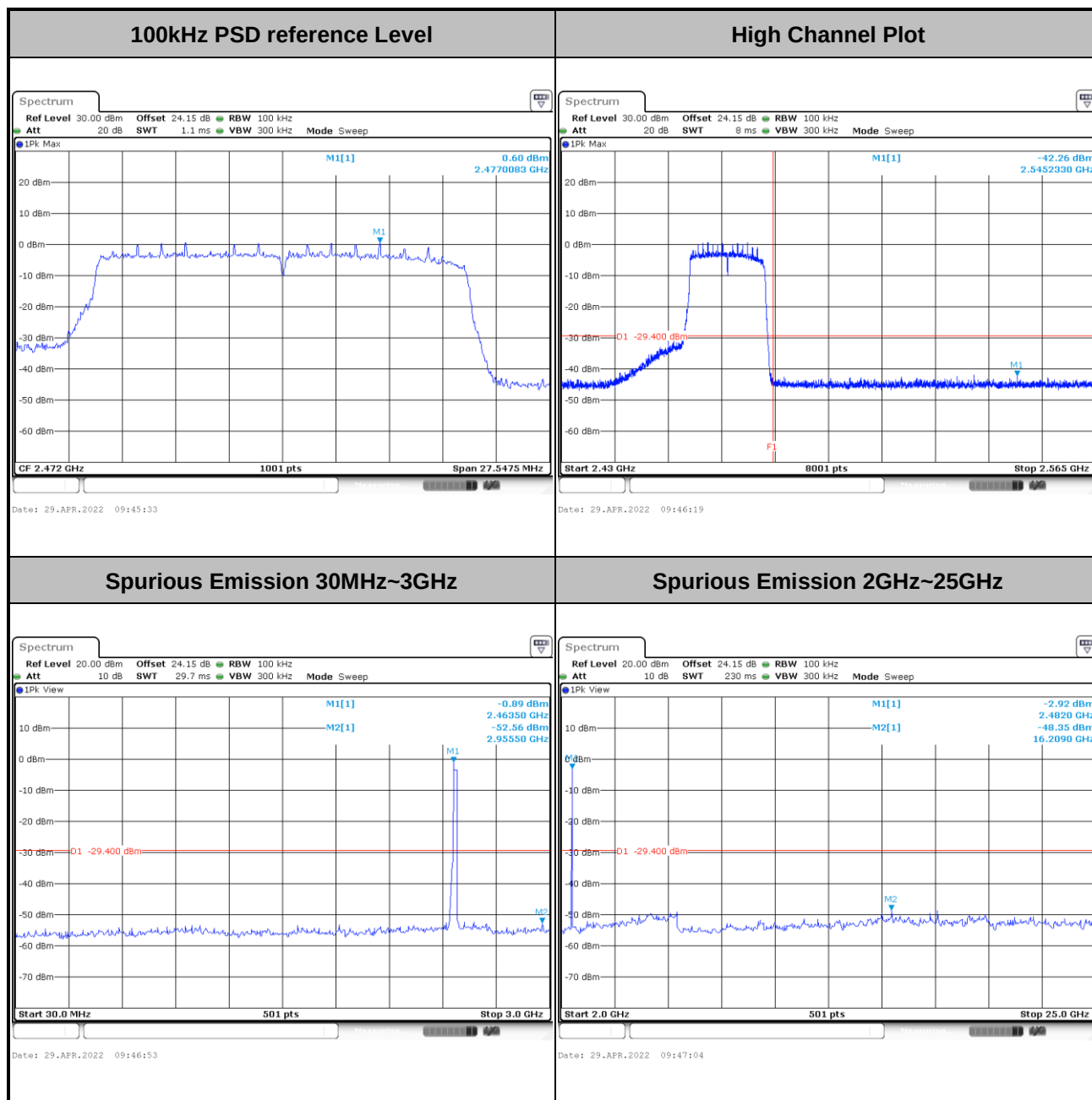


Test Mode :	802.11ax HE20	Test Channel :	12 Full RU
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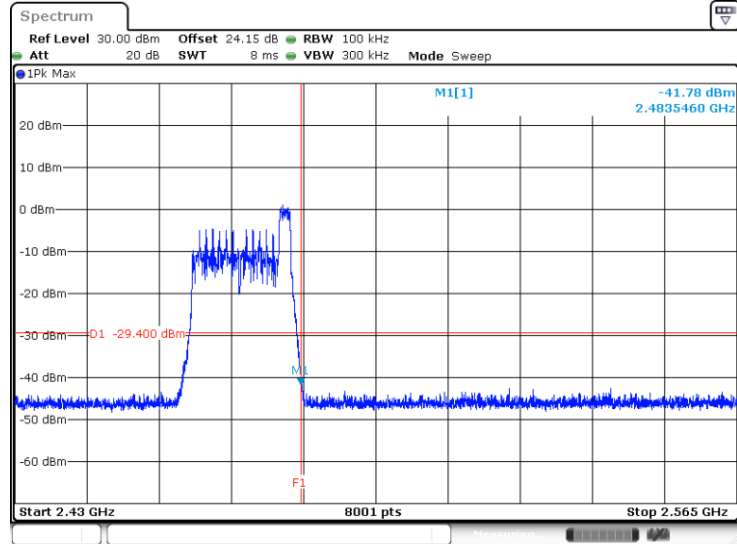
Test Mode :	802.11ax HE20	Test Channel :	13 Full Ru
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Test Mode :	802.11ax HE20	Test Channel :	13 Partial 26 Ru
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High Channel Plot



Date: 2 JUN 2022 09:54:09

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

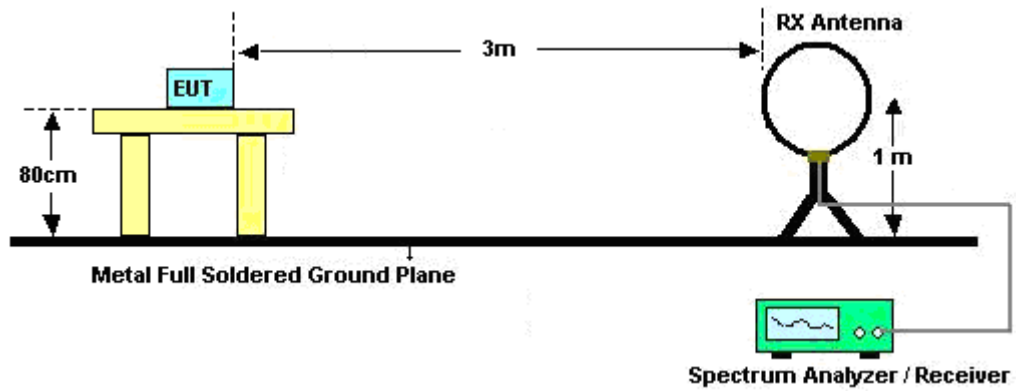
Please refer to the measuring equipment list in this test report.

3.5.3 Test Procedures

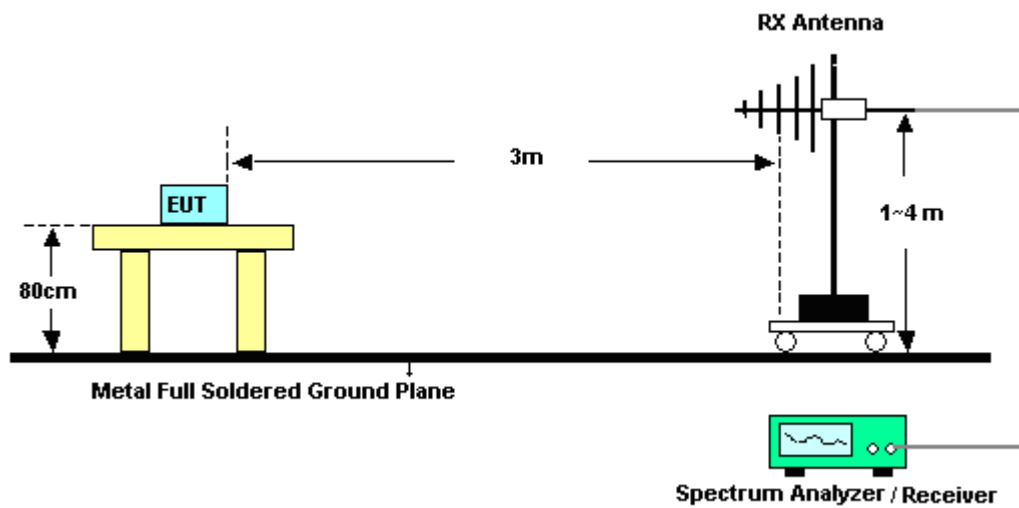
1. The testing follows the ANSI C63.10 Section 11.12.1 Radiated emission measurements.
2. The EUT is arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the 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

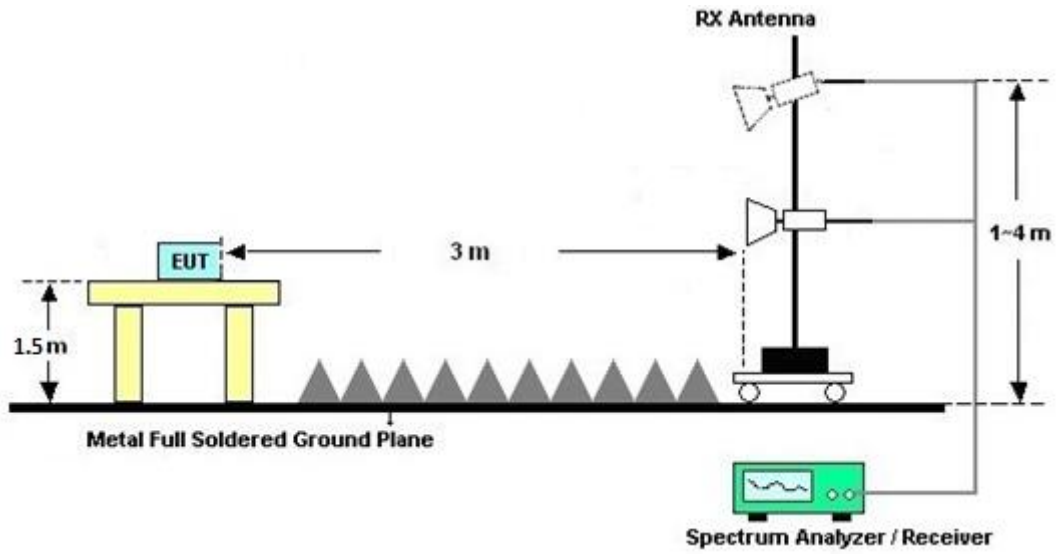
For radiated emissions below 30MHz



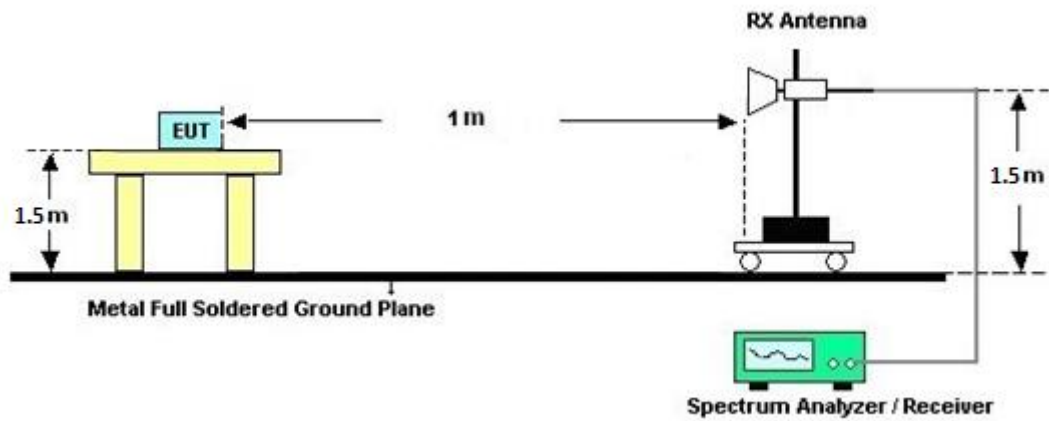
For radiated emissions from 30MHz to 1GHz



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 C and D.

3.5.7 Duty Cycle

Please refer to Appendix E.

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

Please refer to Appendix C and D.

3.6 AC Conducted Emission Measurement

3.6.1 Limit of AC Conducted Emission

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

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

*Decreases with the logarithm of the frequency.

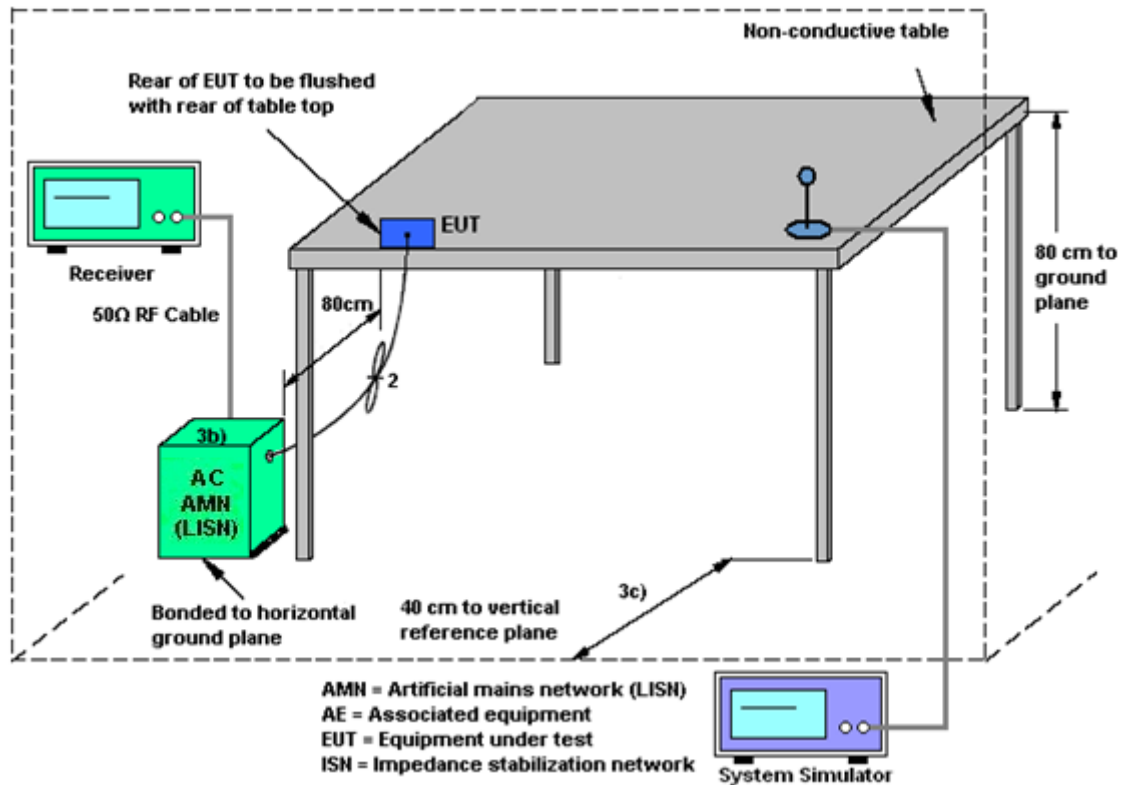
3.6.2 Measuring Instruments

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

3.6.3 Test Procedures

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

3.6.4 Test Setup



3.6.5 Test Result of AC Conducted Emission

Please refer to Appendix B.

3.7 Antenna Requirements

3.7.1 Standard Applicable

If directional gain of transmitting Antennas is greater than 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.

3.7.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.7.3 Antenna Gain

<CDD Modes >

For power measurements on IEEE 802.11 devices,

Directional gain = G_{ANT} + Array Gain, where Array Gain is as follows:

Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$.

G_{ANT} is set equal to the gain of the antenna having the highest gain.

For PSD measurements, the directional gain calculation follows F)2)f)ii) of KDB 662911 D01 v02r01.

$$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$$

where

Each antenna is driven by no more than one spatial stream;

N_{SS} = the number of independent spatial streams of data;

N_{ANT} = the total number of antennas

$g_{j,k} = 10^{G_k/20}$ if the k th antenna is being fed by spatial stream j , or zero if it is not;
 G_k is the gain in dBi of the k th antenna.

As minimum $N_{SS}=1$ is supported by EUT, the formula can be simplified as:

Directional gain = $10 \cdot \log[(10^{G_1/20} + 10^{G_2/20} + \dots + 10^{G_N/20})^2 / N_{ANT}]$ dBi

Where $G_1, G_2, \dots, G_N$ denote single antenna gain.

For example: If a device has two antenna, $G_{ANT1} = 3.6$ dBi; $G_{ANT2} = 4.2$ dBi

Directional gain of power measurement = $\max(3.6, 4.2) + 0 = 4.2$ dBi

Directional gain of PSD measurement = $10 \cdot \log[(10^{3.6/20} + 10^{4.2/20})^2 / 2] = 6.92$ dBi



			DG	DG	Power	PSD
			for	for	Limit	Limit
	Ant. 4	Ant. 3	Power	PSD	Reduction	Reduction
	(dBi)	(dBi)	(dBi)	(dBi)	(dB)	(dB)
2.4 GHz	-1.60	-0.40	-0.40	2.03	0.00	0.00

Power Limit Reduction = DG(Power) – 6dBi, (min = 0)

PSD Limit Reduction = DG(PSD) – 6dBi, (min = 0)

Calculation example:

The DG for PSD is derived from formula is

$$10 \times \log \left\{ \left[10^{(-1.60 \text{ dBi} / 20)} + 10^{(-0.40 \text{ dBi} / 20)} \right]^2 / 2 \right\} \\ = 2.03 \text{ dBi}$$



4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Hygrometer	TECPEL	DTM-303A	TP201996	N/A	Nov. 16, 2021	Mar. 23, 2022~ Apr. 29, 2022	Nov. 15, 2022	Conducted (TH05-HY)
Power Sensor	DARE	RPR3006W	16I00054SNO 12 (NO:113)	10MHz~6GHz	Dec. 16, 2021	Mar. 23, 2022~ Apr. 29, 2022	Dec. 15, 2022	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101566	10Hz~40GHz	Aug. 30, 2021	Mar. 23, 2022~ Apr. 29, 2022	Aug. 29, 2022	Conducted (TH05-HY)
Switch Control Mainframe	E-IUSTRUMENT	ETF-1405-0	EC1900067 (BOX7)	N/A	Aug. 12, 2021	Mar. 23, 2022~ Apr. 29, 2022	Aug. 11, 2022	Conducted (TH05-HY)
EMI Test Receiver	Keysight	N9010B	MY60241055	10Hz~44GHz	Jul. 12, 2021	Apr. 12, 2022 ~ Apr. 16, 2022	Jul. 11, 2022	Radiation (03CH20-HY)
Preamplifier	COM-POWER	PAM-103	18020201	1MHz-1000MHz	Jan. 03, 2022	Apr. 12, 2022 ~ Apr. 16, 2022	Jan. 02, 2023	Radiation (03CH20-HY)
Amplifier	EMCI	EMC118A45S E	980792	N/A	Nov. 15, 2021	Apr. 12, 2022 ~ Apr. 16, 2022	Nov. 14, 2022	Radiation (03CH20-HY)
Preamplifier	EMEC	EM18G40G	060715	18GHz~40GHz	Dec. 24, 2021	Apr. 12, 2022 ~ Apr. 16, 2022	Dec. 23, 2022	Radiation (03CH20-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~30 MHz	Jan. 07, 2022	Apr. 12, 2022 ~ Apr. 16, 2022	Jan. 06, 2023	Radiation (03CH20-HY)
Bilog Antenna	TESEQ	CBL 6111D&00802 N1D01N-06	55606 & 08	30MHz~1GHz	Oct. 17, 2021	Apr. 12, 2022 ~ Apr. 16, 2022	Oct. 16, 2022	Radiation (03CH20-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-02294	1GHz~18GHz	Jun. 23, 2021	Apr. 12, 2022 ~ Apr. 16, 2022	Jun. 22, 2022	Radiation (03CH20-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA9170	00993	18GHz-40GHz	Nov. 30, 2021	Apr. 12, 2022 ~ Apr. 16, 2022	Nov. 29, 2022	Radiation (03CH20-HY)
Hygrometer	TECPEL	DTM-303B	TP200728	N/A	Mar. 22, 2022	Apr. 12, 2022 ~ Apr. 16, 2022	Mar. 21, 2023	Radiation (03CH20-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	519229/2,804 015/2,804027 /2	N/A	Jan. 19, 2022	Apr. 12, 2022 ~ Apr. 16, 2022	Jan. 18, 2023	Radiation (03CH20-HY)
Software	Audix	E3 6.2009-8-24	RK-002156	N/A	N/A	Apr. 12, 2022 ~ Apr. 16, 2022	N/A	Radiation (03CH20-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1m~4m	N/A	Apr. 12, 2022 ~ Apr. 16, 2022	N/A	Radiation (03CH20-HY)
Turn Table	EMEC	TT2000	N/A	0~360 Degree	N/A	Apr. 12, 2022 ~ Apr. 16, 2022	N/A	Radiation (03CH20-HY)
Controller	EMEC	EM1000	N/A	Control Turn table & Ant Mast	N/A	Apr. 12, 2022 ~ Apr. 16, 2022	N/A	Radiation (03CH20-HY)



Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Apr. 19, 2022	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	9kHz~3.6GHz	Dec. 01, 2021	Apr. 19, 2022	Nov. 30, 2022	Conduction (CO05-HY)
Hygrometer	Testo	608-H1	34913912	N/A	Nov. 17, 2021	Apr. 19, 2022	Nov. 16, 2022	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100080	9kHz~30MHz	Dec. 03, 2021	Apr. 19, 2022	Dec. 02, 2022	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32	N/A	N/A	N/A	Apr. 19, 2022	N/A	Conduction (CO05-HY)
Pulse Limiter	SCHWARZBECK	VTSD 9561-FN	00691	N/A	Jul. 28, 2021	Apr. 19, 2022	Jul. 27, 2022	Conduction (CO05-HY)
LISN Cable	MVE	RG-400	260260	N/A	Dec. 30, 2021	Apr. 19, 2022	Dec. 29, 2022	Conduction (CO05-HY)

5 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.1 dB
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Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.9 dB
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Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.7 dB
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Appendix A. Test Result of Conducted Test Items

Test Engineer:	Eason Huang	Temperature:	21~25	°C
Test Date:	2022/3/23~2022/4/29	Relative Humidity:	51~54	%

TEST RESULTS DATA
6dB and 99% Occupied Bandwidth

2.4GHz Band Single Antenna										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Occupied BW (MHz)		6dB BW (MHz)		6dB BW Limit (MHz)	Pass/Fail
					Ant4	Ant3	Ant4	Ant3		
11b	1Mbps	1	1	2412	13.34	13.34	8.10	8.58	0.50	Pass
11b	1Mbps	1	6	2437	13.29	13.29	8.10	8.10	0.50	Pass
11b	1Mbps	1	11	2462	13.44	13.44	8.60	8.60	0.50	Pass
11b	1Mbps	1	12	2467	13.54	13.54	8.60	8.60	0.50	Pass
11b	1Mbps	1	13	2472	13.34	13.24	8.58	8.56	0.50	Pass

2.4GHz Band MIMO										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Occupied BW (MHz)		6dB BW (MHz)		6dB BW Limit (MHz)	Pass/Fail
					Ant4	Ant3	Ant4	Ant3		
11g	6Mbps	2	1	2412	18.48	18.28	16.11	16.35	0.50	Pass
11g	6Mbps	2	6	2437	18.98	18.53	16.35	16.35	0.50	Pass
11g	6Mbps	2	11	2462	18.53	18.33	15.77	15.77	0.50	Pass
11g	6Mbps	2	12	2467	18.68	18.43	16.11	16.35	0.50	Pass
11g	6Mbps	2	13	2472	18.13	17.88	16.35	16.09	0.50	Pass

TEST RESULTS DATA
Average Output Power

2.4GHz Band Single Antenna																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			Conducted Power Limit (dBm)		DG (dBi)		EIRP Power (dBm)		EIRP Power Limit (dBm)		Pass /Fail
					Ant4	Ant3	SUM	Ant4	Ant3	Ant4	Ant3	Ant4	Ant3	Ant4	Ant3	
11b	1Mbps	1	1	2412	22.65	22.75		30.00	30.00	-1.60	-0.40	21.05	22.35	36.00	36.00	Pass
11b	1Mbps	1	6	2437	22.85	22.75		30.00	30.00	-1.60	-0.40	21.25	22.35	36.00	36.00	Pass
11b	1Mbps	1	11	2462	22.75	22.95		30.00	30.00	-1.60	-0.40	21.15	22.55	36.00	36.00	Pass
11b	1Mbps	1	12	2467	22.75	22.95		30.00	30.00	-1.60	-0.40	21.15	22.55	36.00	36.00	Pass
11b	1Mbps	1	13	2472	20.25	19.25		30.00	30.00	-1.60	-0.40	18.65	18.85	36.00	36.00	Pass

2.4GHz Band MIMO																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			Conducted Power Limit (dBm)		DG (dBi)		EIRP Power (dBm)		EIRP Power Limit (dBm)		Pass /Fail
					Ant4	Ant3	SUM	Ant4	Ant3	Ant4	Ant3	Ant4	Ant3	Ant4	Ant3	
11g	6Mbps	2	1	2412	21.65	21.35	24.51	30.00		-0.40		24.11		36.00		Pass
11g	6Mbps	2	6	2437	22.75	22.05	25.42	30.00		-0.40		25.02		36.00		Pass
11g	6Mbps	2	11	2462	18.85	19.25	22.06	30.00		-0.40		21.66		36.00		Pass
11g	6Mbps	2	12	2467	14.45	15.25	17.88	30.00		-0.40		17.48		36.00		Pass
11g	6Mbps	2	13	2472	12.15	12.65	15.42	30.00		-0.40		15.02		36.00		Pass
HT20	MCS0	2	1	2412	20.65	20.45	23.56	30.00		-0.40		23.16		36.00		Pass
HT20	MCS0	2	6	2437	22.55	22.15	25.36	30.00		-0.40		24.96		36.00		Pass
HT20	MCS0	2	11	2462	17.55	18.25	20.92	30.00		-0.40		20.52		36.00		Pass
HT20	MCS0	2	12	2467	13.75	14.25	17.02	30.00		-0.40		16.62		36.00		Pass
HT20	MCS0	2	13	2472	11.25	11.65	14.46	30.00		-0.40		14.06		36.00		Pass
VHT20	MCS0	2	1	2412	20.75	20.55	23.66	30.00		-0.40		23.26		36.00		Pass
VHT20	MCS0	2	6	2437	22.65	22.25	25.46	30.00		-0.40		25.06		36.00		Pass
VHT20	MCS0	2	11	2462	17.65	18.35	21.02	30.00		-0.40		20.62		36.00		Pass
VHT20	MCS0	2	12	2467	13.85	14.35	17.12	30.00		-0.40		16.72		36.00		Pass
VHT20	MCS0	2	13	2472	11.35	11.75	14.56	30.00		-0.40		14.16		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
					Ant4	Ant3	Worse + 3.01	Ant4	Ant3	Ant4	Ant3	
11b	1Mbps	1	1	2412	0.17	0.98		-1.60	-0.40	8.00	8.00	Pass
11b	1Mbps	1	6	2437	1.07	1.20		-1.60	-0.40	8.00	8.00	Pass
11b	1Mbps	1	11	2462	0.84	1.17		-1.60	-0.40	8.00	8.00	Pass
11b	1Mbps	1	12	2467	0.76	0.83		-1.60	-0.40	8.00	8.00	Pass
11b	1Mbps	1	13	2472	-1.64	-2.58		-1.60	-0.40	8.00	8.00	Pass

2.4GHz Band MIMO												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Peak PSD (dBm/3kHz)			DG (dBi)		Peak PSD Limit (dBm/3kHz)		Pass/Fail
					Ant4	Ant3	Worse + 3.01	Ant4	Ant3	Ant4	Ant3	
11g	6Mbps	2	1	2412	-3.56	-3.86	-0.55	2.03		8.00		Pass
11g	6Mbps	2	6	2437	-2.47	-3.85	0.54	2.03		8.00		Pass
11g	6Mbps	2	11	2462	-5.75	-5.35	-2.34	2.03		8.00		Pass
11g	6Mbps	2	12	2467	-10.54	-9.95	-6.94	2.03		8.00		Pass
11g	6Mbps	2	13	2472	-12.71	-12.43	-9.42	2.03		8.00		Pass

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

TEST RESULTS DATA
6dB and 99% Occupied Bandwidth

2.4GHz Band MIMO											
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config	99% Occupied BW (MHz)		6dB BW (MHz)		6dB BW Limit (MHz)	Pass/Fail
						Ant4	Ant3	Ant4	Ant3		
HE20	MCS0	2	1	2412	Full	19.68	19.68	18.84	18.92	0.50	Pass
HE20	MCS0	2	6	2437	Full	20.23	20.13	19.02	18.84	0.50	Pass
HE20	MCS0	2	11	2462	Full	19.83	19.68	18.39	18.21	0.50	Pass
HE20	MCS0	2	12	2467	Full	19.78	19.73	18.97	18.92	0.50	Pass
HE20	MCS0	2	13	2472	Full	19.38	19.38	18.59	18.37	0.50	Pass

TEST RESULTS DATA
Average Output Power

2.4GHz Band MIMO																	
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config	Average Conducted Power (dBm)			Conducted Power Limit (dBm)		DG (dBi)		EIRP Power (dBm)		EIRP Power Limit (dBm)		Pass /Fail
						Ant4	Ant3	SUM	Ant4	Ant3	Ant4	Ant3	Ant4	Ant3	Ant4	Ant3	
HE20	MCS0	2	1	2412	Full	20.85	20.65	23.76	30.00		-0.40		23.36		36.00		Pass
HE20	MCS0	2	6	2437	Full	22.75	22.35	25.56	30.00		-0.40		25.16		36.00		Pass
HE20	MCS0	2	11	2462	Full	17.75	18.45	21.12	30.00		-0.40		20.72		36.00		Pass
HE20	MCS0	2	12	2467	Full	13.95	14.45	17.22	30.00		-0.40		16.82		36.00		Pass
HE20	MCS0	2	13	2472	Full	11.45	11.85	14.66	30.00		-0.40		14.26		36.00		Pass

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

TEST RESULTS DATA
Peak Power Spectral Density

2.4GHz Band MIMO													
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config	Peak PSD (dBm/3kHz)			DG (dBi)		Peak PSD Limit (dBm/3kHz)		Pass/Fail
						Ant4	Ant3	Worse + 3.01	Ant4	Ant3	Ant4	Ant3	
HE20	MCS0	2	1	2412	Full	-4.72	-5.23	-1.71	2.03		8.00		Pass
HE20	MCS0	2	1	2412	26/0	-5.07	-5.53	-2.06	2.03		8.00		Pass
HE20	MCS0	2	1	2412	52/37	-4.91	-5.51	-1.90	2.03		8.00		Pass
HE20	MCS0	2	1	2412	106/53	-4.98	-5.40	-1.97	2.03		8.00		Pass
HE20	MCS0	2	6	2437	Full	-2.62	-2.63	0.39	2.03		8.00		Pass
HE20	MCS0	2	6	2437	26/4	-2.98	-2.99	0.03	2.03		8.00		Pass
HE20	MCS0	2	6	2437	52/39	-2.88	-2.91	0.13	2.03		8.00		Pass
HE20	MCS0	2	6	2437	106/53	-2.97	-2.84	0.17	2.03		8.00		Pass
HE20	MCS0	2	11	2462	Full	-7.13	-7.01	-4.00	2.03		8.00		Pass
HE20	MCS0	2	11	2462	26/8	-7.30	-7.22	-4.21	2.03		8.00		Pass
HE20	MCS0	2	11	2462	52/40	-7.15	-7.02	-4.01	2.03		8.00		Pass
HE20	MCS0	2	11	2462	106/54	-7.14	-7.04	-4.03	2.03		8.00		Pass
HE20	MCS0	2	12	2467	Full	-11.72	-11.44	-8.43	2.03		8.00		Pass
HE20	MCS0	2	12	2467	26/8	-11.75	-11.47	-8.46	2.03		8.00		Pass
HE20	MCS0	2	12	2467	52/40	-11.76	-11.84	-8.75	2.03		8.00		Pass
HE20	MCS0	2	12	2467	106/54	-11.96	-11.75	-8.74	2.03		8.00		Pass
HE20	MCS0	2	13	2472	Full	-13.63	-13.34	-10.33	2.03		8.00		Pass
HE20	MCS0	2	13	2472	26/8	-13.88	-13.37	-10.36	2.03		8.00		Pass
HE20	MCS0	2	13	2472	52/40	-13.78	-13.49	-10.48	2.03		8.00		Pass
HE20	MCS0	2	13	2472	106/54	-13.89	-13.49	-10.48	2.03		8.00		Pass

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



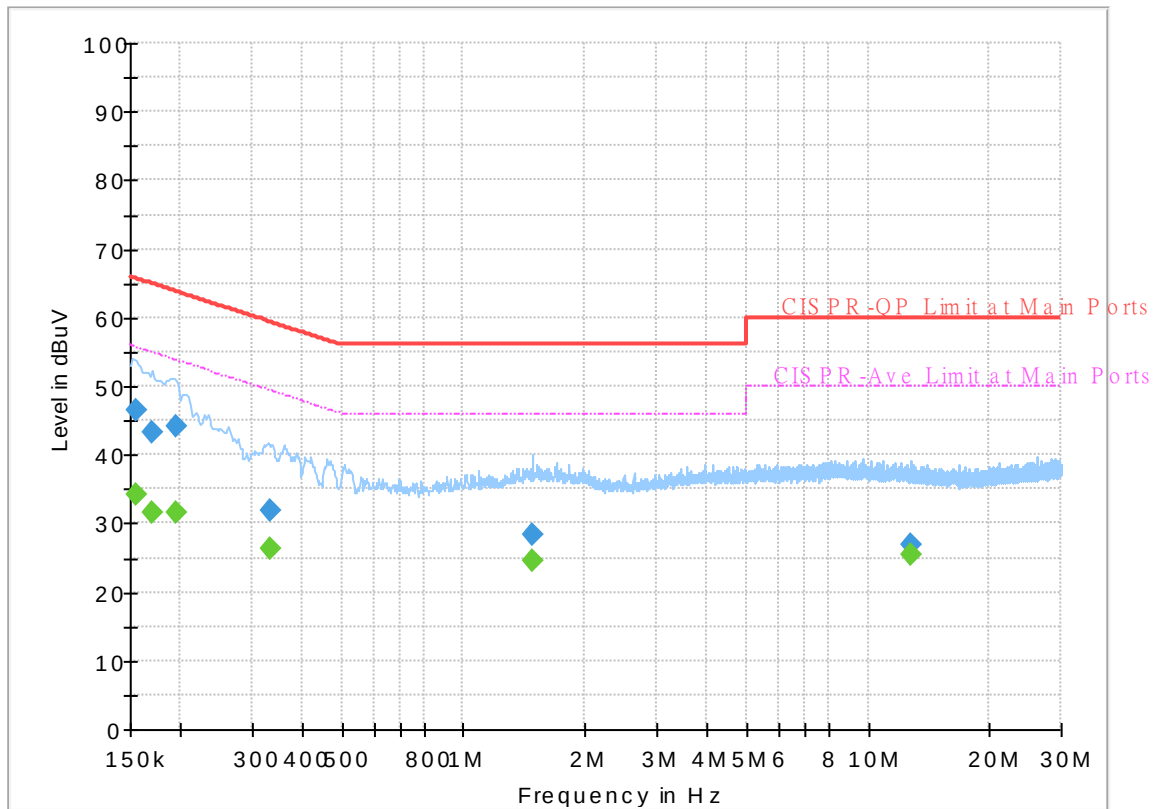
Appendix B. AC Conducted Emission Test Results

Test Engineer :	Tom Lee	Temperature :	23~26℃
		Relative Humidity :	45~55%

EUT Information

Report NO : 1O2919-05
Test Mode : Mode 1
Test Voltage : 120Vac/60Hz
Phase : Line

Full Spectrum



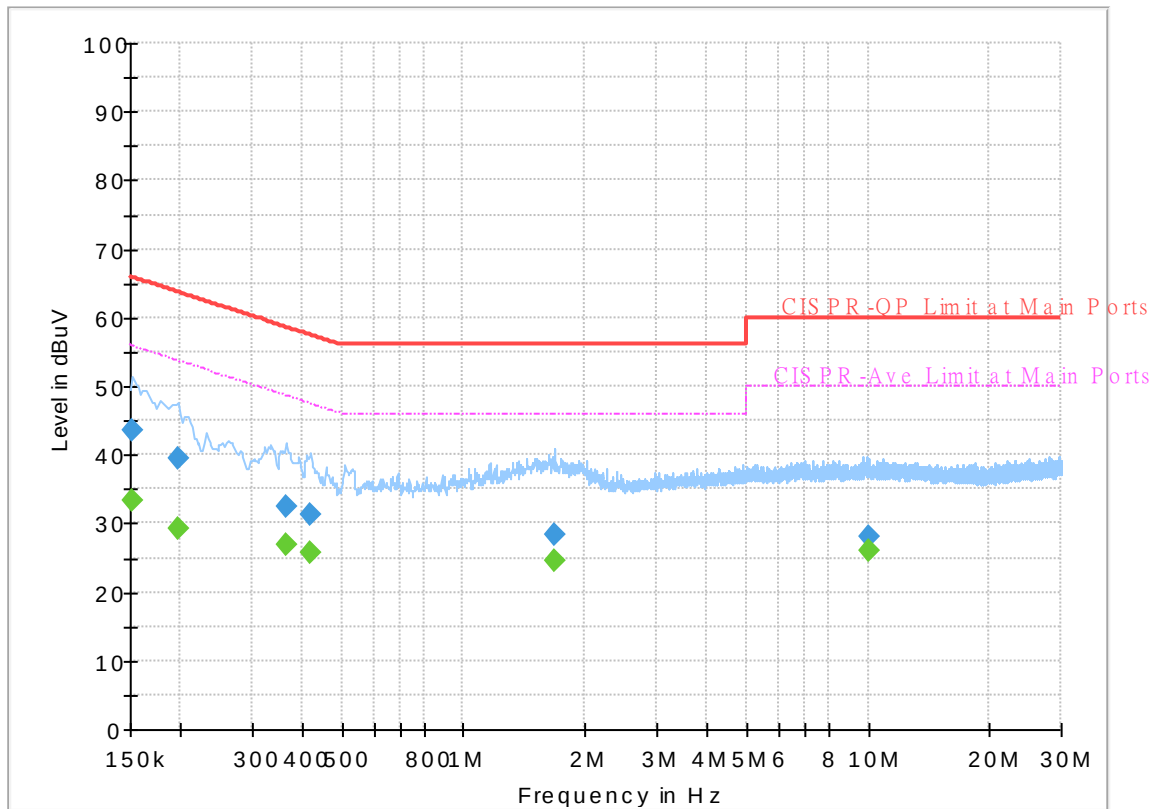
Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.154500	---	34.24	55.75	21.51	L1	OFF	19.6
0.154500	46.57	---	65.75	19.18	L1	OFF	19.6
0.170250	---	31.51	54.95	23.44	L1	OFF	19.6
0.170250	43.39	---	64.95	21.56	L1	OFF	19.6
0.195000	---	31.64	53.82	22.18	L1	OFF	19.6
0.195000	44.09	---	63.82	19.73	L1	OFF	19.6
0.334500	---	26.17	49.34	23.17	L1	OFF	19.6
0.334500	31.95	---	59.34	27.39	L1	OFF	19.6
1.479750	---	24.43	46.00	21.57	L1	OFF	19.7
1.479750	28.28	---	56.00	27.72	L1	OFF	19.7
12.804000	---	25.41	50.00	24.59	L1	OFF	20.2
12.804000	27.04	---	60.00	32.96	L1	OFF	20.2

EUT Information

Report NO : 1O2919-05
Test Mode : Mode 1
Test Voltage : 120Vac/60Hz
Phase : Neutral

Full Spectrum



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	33.34	55.88	22.54	N	OFF	19.6
0.152250	43.65	---	65.88	22.23	N	OFF	19.6
0.197250	---	29.30	53.73	24.43	N	OFF	19.6
0.197250	39.49	---	63.73	24.24	N	OFF	19.6
0.363750	---	27.04	48.64	21.60	N	OFF	19.6
0.363750	32.33	---	58.64	26.31	N	OFF	19.6
0.417750	---	25.66	47.49	21.83	N	OFF	19.6
0.417750	31.29	---	57.49	26.20	N	OFF	19.6
1.684500	---	24.60	46.00	21.40	N	OFF	19.7
1.684500	28.49	---	56.00	27.51	N	OFF	19.7
10.088250	---	26.04	50.00	23.96	N	OFF	20.1
10.088250	27.98	---	60.00	32.02	N	OFF	20.1



Appendix C. Radiated Spurious Emission

Test Engineer :	Bill Chang, JC Liang, Big show Wang	Temperature :	18~20°C
		Relative Humidity :	66~70%



2.4GHz 2400~2483.5MHz

WIFI 802.11b (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
4		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b CH 01 2412MHz		2387.28	49.69	-24.31	74	40.03	27.25	18.68	36.27	326	116	P	H
		2387.07	41.36	-12.64	54	31.7	27.25	18.68	36.27	326	116	A	H
	*	2412	112.88	-	-	103.09	27.35	18.72	36.28	326	116	P	H
	*	2412	109.76	-	-	99.97	27.35	18.72	36.28	326	116	A	H
													H
													H
		2370.165	48.64	-25.36	74	39.07	27.18	18.65	36.26	400	61	P	V
		2386.965	39.06	-14.94	54	29.4	27.25	18.68	36.27	400	61	A	V
	*	2412	107.47	-	-	97.68	27.35	18.72	36.28	400	61	P	V
	*	2412	104.36	-	-	94.57	27.35	18.72	36.28	400	61	A	V
													V
													V
802.11b CH 06 2437MHz		2361.68	49.41	-24.59	74	39.89	27.15	18.63	36.26	313	114	P	H
		2389.36	38.16	-15.84	54	28.49	27.26	18.68	36.27	313	114	A	H
	*	2437	114.94	-	-	105.01	27.45	18.77	36.29	313	114	P	H
	*	2437	111.6	-	-	101.67	27.45	18.77	36.29	313	114	A	H
		2492.4	50.31	-23.69	74	40.08	27.67	18.88	36.32	313	114	P	H
		2483.6	38.84	-15.16	54	28.66	27.63	18.86	36.31	313	114	A	H
		2384.72	49.91	-24.09	74	40.27	27.24	18.67	36.27	357	56	P	V
		2389.84	37.94	-16.06	54	28.27	27.26	18.68	36.27	357	56	A	V
	*	2437	110.04	-	-	100.11	27.45	18.77	36.29	357	56	P	V
	*	2437	106.97	-	-	97.04	27.45	18.77	36.29	357	56	A	V
		2494.16	49.26	-24.74	74	39.02	27.68	18.88	36.32	357	56	P	V
		2498.48	38.5	-15.5	54	28.24	27.69	18.89	36.32	357	56	A	V



802.11b CH 11 2462MHz	*	2462	115.04	-	-	104.97	27.55	18.82	36.3	307	114	P	H
	*	2462	111.93	-	-	101.86	27.55	18.82	36.3	307	114	A	H
		2488.6	52.07	-21.93	74	41.86	27.65	18.87	36.31	307	114	P	H
		2488.64	43.74	-10.26	54	33.54	27.65	18.87	36.32	307	114	A	H
													H
													H
	*	2462	109.78	-	-	99.71	27.55	18.82	36.3	340	57	P	V
	*	2462	106.69	-	-	96.62	27.55	18.82	36.3	340	57	A	V
		2490.12	50.7	-23.3	74	40.49	27.66	18.87	36.32	340	57	P	V
		2488.72	41.09	-12.91	54	30.89	27.65	18.87	36.32	340	57	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



WIFI Ant. 4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11b CH 12 2467MHz	*	2467	114.58	-	-	104.49	27.57	18.83	36.31	303	99	P	H
	*	2467	111.45	-	-	101.36	27.57	18.83	36.31	303	99	A	H
		2483.56	56.74	-17.26	74	46.56	27.63	18.86	36.31	303	99	P	H
		2484.96	50.27	-3.73	54	40.08	27.64	18.86	36.31	303	99	A	H
													H
													H
	*	2467	109.47	-	-	99.38	27.57	18.83	36.31	345	60	P	V
	*	2467	106.16	-	-	96.07	27.57	18.83	36.31	345	60	A	V
		2483.8	52.18	-21.82	74	41.99	27.64	18.86	36.31	345	60	P	V
		2484.04	44.74	-9.26	54	34.55	27.64	18.86	36.31	345	60	A	V
													V
													V
802.11b CH 13 2472MHz	*	2472	112.29	-	-	102.17	27.59	18.84	36.31	300	114	P	H
	*	2472	109.17	-	-	99.05	27.59	18.84	36.31	300	114	A	H
		2485.88	56.97	-17.03	74	46.78	27.64	18.86	36.31	300	114	P	H
		2486.6	51.83	-2.17	54	41.63	27.65	18.86	36.31	300	114	A	H
													H
													H
	*	2472	107.44	-	-	97.32	27.59	18.84	36.31	341	60	P	V
	*	2472	104.3	-	-	94.18	27.59	18.84	36.31	341	60	A	V
		2485.36	53.43	-20.57	74	43.24	27.64	18.86	36.31	341	60	P	V
		2486.68	46.72	-7.28	54	36.52	27.65	18.86	36.31	341	60	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11b (Harmonic @ 3m)

WIFI Ant. 4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11b CH 01 2412MHz		4824	43.44	-30.56	74	35.68	32.3	13.02	37.56	-	-	P	H
		12660	52.34	-21.66	74	34.99	39.42	21.17	43.24	-	-	P	H
		12660	41.59	-12.41	54	24.24	39.42	21.17	43.24	-	-	A	H
		13335	53.14	-20.86	74	34.58	39.87	21.85	43.16	-	-	P	H
		13335	42.89	-11.11	54	24.33	39.87	21.85	43.16	-	-	A	H
		17985	55.84	-18.16	74	34.73	41.69	24.88	45.46	-	-	P	H
		17985	47.56	-6.44	54	26.45	41.69	24.88	45.46	-	-	A	H
													H
													H
													H
													H
													H
		4824	43.12	-30.88	74	35.36	32.3	13.02	37.56	-	-	P	V
		10740	52.85	-21.15	74	36.24	38.98	19.33	41.7	-	-	P	V
		10740	42.66	-11.34	54	26.05	38.98	19.33	41.7	-	-	A	V
		13350	52.86	-21.14	74	34.26	39.9	21.86	43.16	-	-	P	V
		13350	44.37	-9.63	54	25.77	39.9	21.86	43.16	-	-	A	V
		17910	56.31	-17.69	74	35.72	41.17	24.83	45.41	-	-	P	V
		17910	46.75	-7.25	54	26.16	41.17	24.83	45.41	-	-	A	V
													V
													V
													V
													V
													V



WIFI Ant. 4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11b CH 06 2437MHz		4874	43.15	-30.85	74	35.21	32.54	13	37.6	-	-	P	H
		7311	48.52	-25.48	74	34.35	36.78	15.92	38.53	-	-	P	H
		7311	39.17	-14.83	54	25	36.78	15.92	38.53	-	-	A	H
		12585	53.03	-20.97	74	35.92	39.28	21.1	43.27	-	-	P	H
		12585	42.56	-11.44	54	25.45	39.28	21.1	43.27	-	-	A	H
		13275	54.05	-19.95	74	35.63	39.78	21.79	43.15	-	-	P	H
		13275	44.43	-9.57	54	26.01	39.78	21.79	43.15	-	-	A	H
		17985	55.48	-18.52	74	34.37	41.69	24.88	45.46	-	-	P	H
		17985	47.83	-6.17	54	26.72	41.69	24.88	45.46	-	-	A	H
													H
													H
													H
		4874	43.23	-30.77	74	35.29	32.54	13	37.6	-	-	P	V
		7311	48.34	-25.66	74	34.17	36.78	15.92	38.53	-	-	P	V
		7311	38.95	-15.05	54	24.78	36.78	15.92	38.53	-	-	A	V
		12630	52.78	-21.22	74	35.53	39.36	21.14	43.25	-	-	P	V
		12630	42.91	-11.09	54	25.66	39.36	21.14	43.25	-	-	A	V
		13395	53.53	-20.47	74	34.81	39.99	21.9	43.17	-	-	P	V
		13395	43.72	-10.28	54	25	39.99	21.9	43.17	-	-	A	V
		17985	56.25	-17.75	74	35.14	41.69	24.88	45.46	-	-	P	V
		17985	47.01	-6.99	54	25.9	41.69	24.88	45.46	-	-	A	V
													V
													V
													V



WIFI Ant. 4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11b CH 11 2462MHz		4924	44.17	-29.83	74	35.99	32.84	12.97	37.63	-	-	P	H
		7386	47.27	-26.73	74	33.44	36.41	16.01	38.59	-	-	P	H
		12585	52.49	-21.51	74	35.38	39.28	21.1	43.27	-	-	P	H
		12585	42.45	-11.55	54	25.34	39.28	21.1	43.27	-	-	A	H
		13260	53.17	-20.83	74	34.78	39.76	21.78	43.15	-	-	P	H
		13260	43.84	-10.16	54	25.45	39.76	21.78	43.15	-	-	A	H
		17970	55.91	-18.09	74	34.9	41.59	24.87	45.45	-	-	P	H
		17970	47.61	-6.39	54	26.6	41.59	24.87	45.45	-	-	A	H
													H
													H
													H
													H
		4924	43.75	-30.25	74	35.57	32.84	12.97	37.63	-	-	P	V
		7386	47.69	-26.31	74	33.86	36.41	16.01	38.59	-	-	P	V
		12240	52.53	-21.47	74	35.8	39.16	20.73	43.16	-	-	P	V
		12240	42.53	-11.47	54	25.8	39.16	20.73	43.16	-	-	A	V
		13260	52.76	-21.24	74	34.37	39.76	21.78	43.15	-	-	P	V
		13260	44.06	-9.94	54	25.67	39.76	21.78	43.15	-	-	A	V
		17880	56.2	-17.8	74	35.85	40.92	24.81	45.38	-	-	P	V
		17880	47.23	-6.77	54	26.88	40.92	24.81	45.38	-	-	A	V
													V
													V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												
	4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												



WIFI Ant. 4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11b CH 12 2467MHz		4934	42.7	-31.3	74	34.47	32.9	12.97	37.64	-	-	P	H
		7401	48.21	-25.79	74	34.48	36.3	16.03	38.6	-	-	P	H
		7401	38.77	-15.23	54	25.04	36.3	16.03	38.6	-	-	A	H
		12585	52.58	-21.42	74	35.47	39.28	21.1	43.27	-	-	P	H
		12585	43.3	-10.7	54	26.19	39.28	21.1	43.27	-	-	A	H
		13320	53.74	-20.26	74	35.22	39.84	21.84	43.16	-	-	P	H
		13320	43.99	-10.01	54	25.47	39.84	21.84	43.16	-	-	A	H
		17985	55.57	-18.43	74	34.46	41.69	24.88	45.46	-	-	P	H
		17985	47.56	-6.44	54	26.45	41.69	24.88	45.46	-	-	A	H
													H
													H
													H
		4934	43.5	-30.5	74	35.27	32.9	12.97	37.64	-	-	P	V
		7401	47.11	-26.89	74	33.38	36.3	16.03	38.6	-	-	P	V
		12510	51.93	-22.07	74	35.01	39.21	21.01	43.3	-	-	P	V
		12510	41.97	-12.03	54	25.05	39.21	21.01	43.3	-	-	A	V
		13305	52.76	-21.24	74	34.29	39.81	21.81	43.15	-	-	P	V
		13305	44.1	-9.9	54	25.63	39.81	21.81	43.15	-	-	A	V
		17985	55.88	-18.12	74	34.77	41.69	24.88	45.46	-	-	P	V
		17985	47.53	-6.47	54	26.42	41.69	24.88	45.46	-	-	A	V
													V
													V
													V
													V

WIFI Ant. 4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11b CH 13 2472MHz		4944	43.4	-30.6	74	35.13	32.96	12.96	37.65	-	-	P	H
		7416	47.92	-26.08	74	34.25	36.27	16.01	38.61	-	-	P	H
		12705	53.1	-20.9	74	35.58	39.51	21.23	43.22	-	-	P	H
		12705	43.4	-10.6	54	25.88	39.51	21.23	43.22	-	-	A	H
		13365	53.32	-20.68	74	34.69	39.93	21.87	43.17	-	-	P	H
		13365	44.28	-9.72	54	25.65	39.93	21.87	43.17	-	-	A	H
		17970	55.57	-18.43	74	34.56	41.59	24.87	45.45	-	-	P	H
		17970	47.78	-6.22	54	26.77	41.59	24.87	45.45	-	-	A	H
													H
													H
													H
													H
		4944	43.45	-30.55	74	35.18	32.96	12.96	37.65	-	-	P	V
		7416	47.08	-26.92	74	33.41	36.27	16.01	38.61	-	-	P	V
		12645	52.82	-21.18	74	35.51	39.39	21.16	43.24	-	-	P	V
		12645	43.18	-10.82	54	25.87	39.39	21.16	43.24	-	-	A	V
		13290	53.76	-20.24	74	35.32	39.79	21.8	43.15	-	-	P	V
		13290	44.6	-9.4	54	26.16	39.79	21.8	43.15	-	-	A	V
		17970	55.85	-18.15	74	34.84	41.59	24.87	45.45	-	-	P	V
		17970	47.36	-6.64	54	26.35	41.59	24.87	45.45	-	-	A	V
													V
													V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												
	4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												



2.4GHz 2400~2483.5MHz

WIFI 802.11b (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
3		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b CH 01 2412MHz		2389.275	49.52	-24.48	74	39.85	27.26	18.68	36.27	100	29	P	H
		2389.065	39.65	-14.35	54	29.98	27.26	18.68	36.27	100	29	A	H
	*	2412	112.11	-	-	102.32	27.35	18.72	36.28	100	29	P	H
	*	2412	108.98	-	-	99.19	27.35	18.72	36.28	100	29	A	H
													H
													H
		2321.865	49.18	-24.82	74	39.76	27.1	18.56	36.24	350	118	P	V
		2389.065	39.28	-14.72	54	29.61	27.26	18.68	36.27	350	118	A	V
	*	2412	110.78	-	-	100.99	27.35	18.72	36.28	350	118	P	V
	*	2412	107.63	-	-	97.84	27.35	18.72	36.28	350	118	A	V
													V
													V
802.11b CH 06 2437MHz		2378.64	49.21	-24.79	74	39.61	27.21	18.66	36.27	305	93	P	H
		2389.36	38.32	-15.68	54	28.65	27.26	18.68	36.27	305	93	A	H
	*	2437	113.82	-	-	103.89	27.45	18.77	36.29	305	93	P	H
	*	2437	110.47	-	-	100.54	27.45	18.77	36.29	305	93	A	H
		2490.88	49.8	-24.2	74	39.59	27.66	18.87	36.32	305	93	P	H
		2484.08	38.94	-15.06	54	28.75	27.64	18.86	36.31	305	93	A	H
		2384.56	49.22	-24.78	74	39.58	27.24	18.67	36.27	400	113	P	V
		2389.84	38.19	-15.81	54	28.52	27.26	18.68	36.27	400	113	A	V
	*	2437	112.22	-	-	102.29	27.45	18.77	36.29	400	113	P	V
	*	2437	109.08	-	-	99.15	27.45	18.77	36.29	400	113	A	V
		2495.92	49.3	-24.7	74	39.06	27.68	18.88	36.32	400	113	P	V
		2485.28	38.74	-15.26	54	28.55	27.64	18.86	36.31	400	113	A	V



802.11b CH 11 2462MHz	*	2462	113.18	-	-	103.11	27.55	18.82	36.3	102	30	P	H
	*	2462	109.91	-	-	99.84	27.55	18.82	36.3	102	30	A	H
		2487.08	50.48	-23.52	74	40.27	27.65	18.87	36.31	102	30	P	H
		2484.92	41.77	-12.23	54	31.58	27.64	18.86	36.31	102	30	A	H
													H
													H
	*	2462	111.55	-	-	101.48	27.55	18.82	36.3	336	119	P	V
	*	2462	108.24	-	-	98.17	27.55	18.82	36.3	336	119	A	V
		2485.24	50.53	-23.47	74	40.34	27.64	18.86	36.31	336	119	P	V
		2486.96	40.95	-13.05	54	30.74	27.65	18.87	36.31	336	119	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



WIFI Ant. 3	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11b CH 12 2467MHz	*	2467	113.3	-	-	103.21	27.57	18.83	36.31	299	93	P	H
	*	2467	109.98	-	-	99.89	27.57	18.83	36.31	299	93	A	H
		2483.56	56.67	-17.33	74	46.49	27.63	18.86	36.31	299	93	P	H
		2484.64	52.03	-1.97	54	41.84	27.64	18.86	36.31	299	93	A	H
													H
													H
	*	2466	111.7	-	-	101.62	27.56	18.83	36.31	339	121	P	V
	*	2468	108.4	-	-	98.31	27.57	18.83	36.31	339	121	A	V
		2483.68	55.73	-18.27	74	45.55	27.63	18.86	36.31	339	121	P	V
		2484.68	50.48	-3.52	54	40.29	27.64	18.86	36.31	339	121	A	V
													V
													V
802.11b CH 13 2472MHz	*	2472	109.77	-	-	99.65	27.59	18.84	36.31	303	93	P	H
	*	2472	106.76	-	-	96.64	27.59	18.84	36.31	303	93	A	H
		2486.32	57.11	-16.89	74	46.91	27.65	18.86	36.31	303	93	P	H
		2486.8	52.38	-1.62	54	42.18	27.65	18.86	36.31	303	93	A	H
													H
													H
	*	2472	108.06	-	-	97.94	27.59	18.84	36.31	379	114	P	V
	*	2472	104.92	-	-	94.8	27.59	18.84	36.31	379	114	A	V
		2487.04	55.85	-18.15	74	45.64	27.65	18.87	36.31	379	114	P	V
		2486.72	51.14	-2.86	54	40.94	27.65	18.86	36.31	379	114	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11b (Harmonic @ 3m)

WIFI Ant. 3	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11b CH 01 2412MHz		4824	43.81	-30.19	74	36.05	32.3	13.02	37.56	-	-	P	H
		12105	52.93	-21.07	74	36.24	39.2	20.58	43.09	-	-	P	H
		12105	43.13	-10.87	54	26.44	39.2	20.58	43.09	-	-	A	H
		13395	54	-20	74	35.28	39.99	21.9	43.17	-	-	P	H
		13395	44.61	-9.39	54	25.89	39.99	21.9	43.17	-	-	A	H
		17970	54.5	-19.5	74	33.49	41.59	24.87	45.45	-	-	P	H
		17970	47.44	-6.56	54	26.43	41.59	24.87	45.45	-	-	A	H
													H
													H
													H
													H
													H
		4824	44.57	-29.43	74	36.81	32.3	13.02	37.56	-	-	P	V
		12525	52.37	-21.63	74	35.41	39.22	21.03	43.29	-	-	P	V
		12525	43.74	-10.26	54	26.78	39.22	21.03	43.29	-	-	A	V
		13260	53.59	-20.41	74	35.2	39.76	21.78	43.15	-	-	P	V
		13260	44.95	-9.05	54	26.56	39.76	21.78	43.15	-	-	A	V
		17985	55.2	-18.8	74	34.09	41.69	24.88	45.46	-	-	P	V
		17985	46.92	-7.08	54	25.81	41.69	24.88	45.46	-	-	A	V
													V
													V
													V
													V
													V



WIFI Ant. 3	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11b CH 06 2437MHz		4874	42.88	-31.12	74	34.94	32.54	13	37.6	-	-	P	H
		7311	47.93	-26.07	74	33.76	36.78	15.92	38.53	-	-	P	H
		12690	52.19	-21.81	74	34.72	39.48	21.21	43.22	-	-	P	H
		12690	43.49	-10.51	54	26.02	39.48	21.21	43.22	-	-	A	H
		13290	53.17	-20.83	74	34.73	39.79	21.8	43.15	-	-	P	H
		13290	44.21	-9.79	54	25.77	39.79	21.8	43.15	-	-	A	H
		17910	54.57	-19.43	74	33.98	41.17	24.83	45.41	-	-	P	H
		17910	47.32	-6.68	54	26.73	41.17	24.83	45.41	-	-	A	H
													H
													H
													H
													H
		4874	43.94	-30.06	74	36	32.54	13	37.6	-	-	P	V
		7311	48.68	-25.32	74	34.51	36.78	15.92	38.53	-	-	P	V
		7311	40.51	-13.49	54	26.34	36.78	15.92	38.53	-	-	A	V
		12630	53.51	-20.49	74	36.26	39.36	21.14	43.25	-	-	P	V
		12630	43.76	-10.24	54	26.51	39.36	21.14	43.25	-	-	A	V
		13395	53.66	-20.34	74	34.94	39.99	21.9	43.17	-	-	P	V
		13395	45.2	-8.8	54	26.48	39.99	21.9	43.17	-	-	A	V
		17970	55.24	-18.76	74	34.23	41.59	24.87	45.45	-	-	P	V
		17970	46.59	-7.41	54	25.58	41.59	24.87	45.45	-	-	A	V
													V
													V
													V



WIFI Ant. 3	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11b CH 11 2462MHz		4924	43.31	-30.69	74	35.13	32.84	12.97	37.63	-	-	P	H
		7386	48.15	-25.85	74	34.32	36.41	16.01	38.59	-	-	P	H
		7386	39.5	-14.5	54	25.67	36.41	16.01	38.59	-	-	A	H
		12660	52.33	-21.67	74	34.98	39.42	21.17	43.24	-	-	P	H
		12660	43.41	-10.59	54	26.06	39.42	21.17	43.24	-	-	A	H
		13365	53.17	-20.83	74	34.54	39.93	21.87	43.17	-	-	P	H
		13365	44.54	-9.46	54	25.91	39.93	21.87	43.17	-	-	A	H
		17970	54.46	-19.54	74	33.45	41.59	24.87	45.45	-	-	P	H
		17970	47.71	-6.29	54	26.7	41.59	24.87	45.45	-	-	A	H
													H
													H
													H
		4924	44.28	-29.72	74	36.1	32.84	12.97	37.63	-	-	P	V
		7386	47.69	-26.31	74	33.86	36.41	16.01	38.59	-	-	P	V
		12435	52.98	-21.02	74	36.24	39.07	20.93	43.26	-	-	P	V
		12435	42.73	-11.27	54	25.99	39.07	20.93	43.26	-	-	A	V
		13395	53.1	-20.9	74	34.38	39.99	21.9	43.17	-	-	P	V
		13395	44.44	-9.56	54	25.72	39.99	21.9	43.17	-	-	A	V
		17970	54.93	-19.07	74	33.92	41.59	24.87	45.45	-	-	P	V
		17970	46.9	-7.1	54	25.89	41.59	24.87	45.45	-	-	A	V
													V
													V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												
	4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												



WIFI Ant. 3	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11b CH 12 2467MHz		4934	43.72	-30.28	74	35.49	32.9	12.97	37.64	-	-	P	H
		7401	46.6	-27.4	74	32.87	36.3	16.03	38.6	-	-	P	H
		12675	51.84	-22.16	74	34.43	39.45	21.19	43.23	-	-	P	H
		12675	42.86	-11.14	54	25.45	39.45	21.19	43.23	-	-	P	H
		13365	53	-21	74	34.37	39.93	21.87	43.17	-	-	P	H
		13365	44.5	-9.5	54	25.87	39.93	21.87	43.17	-	-	A	H
		17955	54.94	-19.06	74	34.03	41.49	24.86	45.44	-	-	P	H
		17955	47.38	-6.62	54	26.47	41.49	24.86	45.44	-	-	A	H
													H
													H
													H
													H
		4934	44.94	-29.06	74	36.71	32.9	12.97	37.64	-	-	P	V
		7401	47.21	-26.79	74	33.48	36.3	16.03	38.6	-	-	P	V
		12480	52.56	-21.44	74	35.7	39.16	20.99	43.29	-	-	P	V
		12480	41.93	-12.07	54	25.07	39.16	20.99	43.29	-	-	A	V
		13275	53.49	-20.51	74	35.07	39.78	21.79	43.15	-	-	P	V
		13275	43.86	-10.14	54	25.44	39.78	21.79	43.15	-	-	A	V
		17955	54.61	-19.39	74	33.7	41.49	24.86	45.44	-	-	P	V
		17955	47.23	-6.77	54	26.32	41.49	24.86	45.44	-	-	A	V
													V
													V
													V
													V

WIFI Ant. 3	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11b CH 13 2472MHz		4944	43.93	-30.07	74	35.66	32.96	12.96	37.65	-	-	P	H	
		7416	46.84	-27.16	74	33.17	36.27	16.01	38.61	-	-	P	H	
		12540	51.78	-22.22	74	34.78	39.24	21.04	43.28	-	-	P	H	
		12540	42.08	-31.92	74	25.08	39.24	21.04	43.28	-	-	P	H	
		13350	53.11	-20.89	74	34.51	39.9	21.86	43.16	-	-	P	H	
		13350	44.93	-9.07	54	26.33	39.9	21.86	43.16	-	-	A	H	
		17985	54.5	-19.5	74	33.39	41.69	24.88	45.46	-	-	P	H	
		17985	47.56	-6.44	54	26.45	41.69	24.88	45.46	-	-	A	H	
														H
														H
														H
		4944	44.47	-29.53	74	36.2	32.96	12.96	37.65	-	-	P	V	
		7416	46.75	-27.25	74	33.08	36.27	16.01	38.61	-	-	P	V	
		12690	52.06	-21.94	74	34.59	39.48	21.21	43.22	-	-	P	V	
		12690	42.87	-11.13	54	25.4	39.48	21.21	43.22	-	-	A	V	
		13395	53.41	-20.59	74	34.69	39.99	21.9	43.17	-	-	P	V	
		13395	44.56	-9.44	54	25.84	39.99	21.9	43.17	-	-	A	V	
		17940	54.57	-19.43	74	33.77	41.38	24.85	45.43	-	-	P	V	
		17940	47.33	-6.67	54	26.53	41.38	24.85	45.43	-	-	A	V	
														V
														V
														V
														V
Remark	1. No other spurious found.													
	2. All results are PASS against Peak and Average limit line.													
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.													
	4. 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	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
4+3		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11g CH 01 2412MHz		2390	61.56	-12.44	74	51.89	27.26	18.68	36.27	287	101	P	H
		2390	51.88	-2.12	54	42.21	27.26	18.68	36.27	287	101	A	H
	*	2412	116.01	-	-	106.22	27.35	18.72	36.28	287	101	P	H
	*	2412	108.12	-	-	98.33	27.35	18.72	36.28	287	101	A	H
													H
													H
		2389.38	60.22	-13.78	74	50.55	27.26	18.68	36.27	358	113	P	V
		2390	49.32	-4.68	54	39.65	27.26	18.68	36.27	358	113	A	V
	*	2412	113.25	-	-	103.46	27.35	18.72	36.28	358	113	P	V
	*	2412	105.27	-	-	95.48	27.35	18.72	36.28	358	113	A	V
													V
													V
802.11g CH 06 2437MHz		2389.84	60.8	-13.2	74	51.13	27.26	18.68	36.27	314	113	P	H
		2389.68	44.09	-9.91	54	34.42	27.26	18.68	36.27	314	113	A	H
	*	2437	119.39	-	-	109.46	27.45	18.77	36.29	314	113	P	H
	*	2437	112.02	-	-	102.09	27.45	18.77	36.29	314	113	A	H
		2484	65.87	-8.13	74	55.68	27.64	18.86	36.31	314	113	P	H
		2483.92	45.93	-8.07	54	35.74	27.64	18.86	36.31	314	113	A	H
		2389.68	51.35	-22.65	74	41.68	27.26	18.68	36.27	395	105	P	V
		2388.88	39.59	-14.41	54	29.92	27.26	18.68	36.27	395	105	A	V
	*	2437	116.32	-	-	106.39	27.45	18.77	36.29	395	105	P	V
	*	2437	107.75	-	-	97.82	27.45	18.77	36.29	395	105	A	V
		2483.68	55.45	-18.55	74	45.27	27.63	18.86	36.31	395	105	P	V
		2483.84	40.75	-13.25	54	30.56	27.64	18.86	36.31	395	105	A	V



802.11g CH 11 2462MHz	*	2462	115.24	-	-	105.17	27.55	18.82	36.3	302	104	P	H
	*	2462	107.31	-	-	97.24	27.55	18.82	36.3	302	104	A	H
		2483.96	62.6	-11.4	74	52.41	27.64	18.86	36.31	302	104	P	H
		2483.56	51.27	-2.73	54	41.09	27.63	18.86	36.31	302	104	A	H
													H
													H
	*	2462	111.79	-	-	101.72	27.55	18.82	36.3	304	54	P	V
	*	2462	104.01	-	-	93.94	27.55	18.82	36.3	304	54	A	V
		2484	59.84	-14.16	74	49.65	27.64	18.86	36.31	304	54	P	V
		2483.52	48.43	-5.57	54	38.25	27.63	18.86	36.31	304	54	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11g CH 12 2467MHz	*	2467	112.41	-	-	102.32	27.57	18.83	36.31	304	106	P	H
	*	2467	104.57	-	-	94.48	27.57	18.83	36.31	304	106	A	H
		2483.68	61.92	-12.08	74	51.74	27.63	18.86	36.31	304	106	P	H
		2483.52	52.05	-1.95	54	41.87	27.63	18.86	36.31	304	106	A	H
													H
													H
	*	2467	107.53	-	-	97.44	27.57	18.83	36.31	307	56	P	V
	*	2467	99.89	-	-	89.8	27.57	18.83	36.31	307	56	A	V
		2483.52	58.02	-15.98	74	47.84	27.63	18.86	36.31	307	56	P	V
		2483.52	47.72	-6.28	54	37.54	27.63	18.86	36.31	307	56	A	V
													V
													V
802.11g CH 13 2472MHz	*	2472	109.74	-	-	99.62	27.59	18.84	36.31	302	106	P	H
	*	2472	102.14	-	-	92.02	27.59	18.84	36.31	302	106	A	H
		2483.6	62.44	-11.56	74	52.26	27.63	18.86	36.31	302	106	P	H
		2483.6	52.05	-1.95	54	41.87	27.63	18.86	36.31	302	106	A	H
													H
													H
	*	2472	105.69	-	-	95.57	27.59	18.84	36.31	302	53	P	V
	*	2472	98.23	-	-	88.11	27.59	18.84	36.31	302	53	A	V
		2483.64	58.65	-15.35	74	48.47	27.63	18.86	36.31	302	53	P	V
		2483.56	48.04	-5.96	54	37.86	27.63	18.86	36.31	302	53	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11g (Harmonic @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11g CH 01 2412MHz		4804	42.92	-31.08	74	35.21	32.22	13.03	37.54	-	-	P	H
		13290	53.44	-20.56	74	35	39.79	21.8	43.15	-	-	P	H
		13290	44.45	-9.55	54	26.01	39.79	21.8	43.15	-	-	A	H
		14475	54.21	-19.79	74	35.75	39.88	22.77	44.19	-	-	P	H
		14475	45.23	-8.77	54	26.77	39.88	22.77	44.19	-	-	A	H
		18000	55.67	-18.33	74	34.45	41.8	24.89	45.47	-	-	P	H
		18000	46.7	-7.3	54	25.48	41.8	24.89	45.47	-	-	A	H
													H
													H
													H
													H
													H
		4804	42.81	-31.19	74	35.1	32.22	13.03	37.54	-	-	P	V
		13365	53.72	-20.28	74	35.09	39.93	21.87	43.17	-	-	P	V
		13365	44.72	-9.28	54	26.09	39.93	21.87	43.17	-	-	A	V
		14490	53.04	-20.96	74	34.56	39.89	22.78	44.19	-	-	P	V
		14490	44.06	-9.94	54	25.58	39.89	22.78	44.19	-	-	A	V
		17970	57.29	-16.71	74	36.28	41.59	24.87	45.45	-	-	P	V
		17970	48.23	-5.77	54	27.22	41.59	24.87	45.45	-	-	A	V
													V
													V
													V
													V
													V



WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11g CH 06 2437MHz		4874	43.97	-30.03	74	36.03	32.54	13	37.6	-	-	P	H
		7311	48.73	-25.27	74	34.56	36.78	15.92	38.53	-	-	P	H
		7311	39.73	-14.27	54	25.56	36.78	15.92	38.53	-	-	A	H
		13365	53.37	-20.63	74	34.74	39.93	21.87	43.17	-	-	P	H
		13365	44.42	-9.58	54	25.79	39.93	21.87	43.17	-	-	A	H
		14475	53.68	-20.32	74	35.22	39.88	22.77	44.19	-	-	P	H
		14475	44.74	-9.26	54	26.28	39.88	22.77	44.19	-	-	A	H
		17970	55.93	-18.07	74	34.92	41.59	24.87	45.45	-	-	P	H
		17970	47	-7	54	25.99	41.59	24.87	45.45	-	-	A	H
													H
													H
													H
		4874	43.91	-30.09	74	35.97	32.54	13	37.6	-	-	P	V
		7311	48.71	-25.29	74	34.54	36.78	15.92	38.53	-	-	P	V
		7311	39.76	-14.24	54	25.59	36.78	15.92	38.53	-	-	A	V
		13275	53.16	-20.84	74	34.74	39.78	21.79	43.15	-	-	P	V
		13275	44.13	-9.87	54	25.71	39.78	21.79	43.15	-	-	A	V
		14490	53.55	-20.45	74	35.07	39.89	22.78	44.19	-	-	P	V
		14490	44.57	-9.43	54	26.09	39.89	22.78	44.19	-	-	A	V
		17985	56.26	-17.74	74	35.15	41.69	24.88	45.46	-	-	P	V
		17985	47.25	-6.75	54	26.14	41.69	24.88	45.46	-	-	A	V
													V
													V
													V



WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11g CH 11 2462MHz		4924	43.9	-30.1	74	35.72	32.84	12.97	37.63	-	-	P	H
		7386	48.11	-25.89	74	34.28	36.41	16.01	38.59	-	-	P	H
		7386	39.1	-14.9	54	25.27	36.41	16.01	38.59	-	-	A	H
		13275	53.95	-20.05	74	35.53	39.78	21.79	43.15	-	-	P	H
		13275	45	-9	54	26.58	39.78	21.79	43.15	-	-	A	H
		14490	54.18	-19.82	74	35.7	39.89	22.78	44.19	-	-	P	H
		14490	45.21	-8.79	54	26.73	39.89	22.78	44.19	-	-	A	H
		17940	56.03	-17.97	74	35.23	41.38	24.85	45.43	-	-	P	H
		17940	47.06	-6.94	54	26.26	41.38	24.85	45.43	-	-	A	H
													H
													H
													H
		4924	43.63	-30.37	74	35.45	32.84	12.97	37.63	-	-	P	V
		7386	48.17	-25.83	74	34.34	36.41	16.01	38.59	-	-	P	V
		7386	39.2	-14.8	54	25.37	36.41	16.01	38.59	-	-	A	V
		13260	53.3	-20.7	74	34.91	39.76	21.78	43.15	-	-	P	V
		13260	44.32	-9.68	54	25.93	39.76	21.78	43.15	-	-	A	V
		14499	54.14	-19.86	74	35.65	39.9	22.78	44.19	-	-	P	V
		14499	45.17	-8.83	54	26.68	39.9	22.78	44.19	-	-	A	V
		17925	55.89	-18.11	74	35.2	41.27	24.84	45.42	-	-	P	V
		17925	46.87	-7.13	54	26.18	41.27	24.84	45.42	-	-	A	V
													V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												
	4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												



WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11g CH 12 2467MHz		4934	44.39	-29.61	74	36.16	32.9	12.97	37.64	-	-	P	H
		7401	48.15	-25.85	74	34.42	36.3	16.03	38.6	-	-	P	H
		7401	39.29	-14.71	54	25.56	36.3	16.03	38.6	-	-	A	H
		13380	53.16	-20.84	74	34.48	39.96	21.89	43.17	-	-	P	H
		13380	44.14	-9.86	54	25.46	39.96	21.89	43.17	-	-	A	H
		14499	53.49	-20.51	74	35	39.9	22.78	44.19	-	-	P	H
		14499	44.52	-9.48	54	26.03	39.9	22.78	44.19	-	-	A	H
		17955	55.89	-18.11	74	34.98	41.49	24.86	45.44	-	-	P	H
		17955	46.87	-7.13	54	25.96	41.49	24.86	45.44	-	-	A	H
													H
													H
													H
		4934	44.32	-29.68	74	36.09	32.9	12.97	37.64	-	-	P	V
		7401	48.68	-25.32	74	34.95	36.3	16.03	38.6	-	-	P	V
		7401	39.88	-14.12	54	26.15	36.3	16.03	38.6	-	-	A	V
		13335	53.52	-20.48	74	34.96	39.87	21.85	43.16	-	-	P	V
		13335	44.47	-9.53	54	25.91	39.87	21.85	43.16	-	-	A	V
		14490	53.88	-20.12	74	35.4	39.89	22.78	44.19	-	-	P	V
		14490	44.91	-9.09	54	26.43	39.89	22.78	44.19	-	-	A	V
		17955	55.76	-18.24	74	34.85	41.49	24.86	45.44	-	-	P	V
		17955	46.75	-7.25	54	25.84	41.49	24.86	45.44	-	-	A	V
													V
													V
													V



WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11g CH 13 2472MHz		4944	43.39	-30.61	74	35.12	32.96	12.96	37.65	-	-	P	H
		7416	47.6	-26.4	74	33.93	36.27	16.01	38.61	-	-	P	H
		13365	53.28	-20.72	74	34.65	39.93	21.87	43.17	-	-	P	H
		13365	44.26	-9.74	54	25.63	39.93	21.87	43.17	-	-	A	H
		14475	53.47	-20.53	74	35.01	39.88	22.77	44.19	-	-	P	H
		14475	44.46	-9.54	54	26	39.88	22.77	44.19	-	-	A	H
		17985	57.32	-16.68	74	36.21	41.69	24.88	45.46	-	-	P	H
		17985	48.39	-5.61	54	27.28	41.69	24.88	45.46	-	-	A	H
													H
													H
													H
													H
		4944	45.2	-28.8	74	36.93	32.96	12.96	37.65	-	-	P	V
		7416	48.24	-25.76	74	34.57	36.27	16.01	38.61	-	-	P	V
		7416	39.26	-14.74	54	25.59	36.27	16.01	38.61	-	-	A	V
		13290	53.46	-20.54	74	35.02	39.79	21.8	43.15	-	-	P	V
		13290	44.47	-9.53	54	26.03	39.79	21.8	43.15	-	-	A	V
		14490	53.35	-20.65	74	34.87	39.89	22.78	44.19	-	-	P	V
		14490	44.3	-9.7	54	25.82	39.89	22.78	44.19	-	-	A	V
		17985	55.73	-18.27	74	34.62	41.69	24.88	45.46	-	-	P	V
		17985	46.81	-7.19	54	25.7	41.69	24.88	45.46	-	-	A	V
													V
													V
													V
Remark	- 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 802.11ax HE20 Full (Band Edge @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 01 2412MHz		2389.8	61.8	-12.2	74	52.13	27.26	18.68	36.27	288	82	P	H
		2389.905	50.21	-3.79	54	40.54	27.26	18.68	36.27	288	82	A	H
	*	2412	113.65	-	-	103.86	27.35	18.72	36.28	288	82	P	H
	*	2412	105.14	-	-	95.35	27.35	18.72	36.28	288	82	A	H
													H
													H
		2389.38	59.55	-14.45	74	49.88	27.26	18.68	36.27	359	55	P	V
		2390	48.19	-5.81	54	38.52	27.26	18.68	36.27	359	55	A	V
	*	2412	112.33	-	-	102.54	27.35	18.72	36.28	359	55	P	V
	*	2412	104.18	-	-	94.39	27.35	18.72	36.28	359	55	A	V
													V
													V
802.11ax HE20 Full CH 06 2437MHz		2389.1	63.19	-10.81	74	53.52	27.26	18.68	36.27	301	115	P	H
		2389.52	43.47	-10.53	54	33.8	27.26	18.68	36.27	301	115	A	H
	*	2437	119.2	-	-	109.27	27.45	18.77	36.29	301	115	P	H
	*	2437	110.84	-	-	100.91	27.45	18.77	36.29	301	115	A	H
		2484.8	68.7	-5.3	74	58.51	27.64	18.86	36.31	301	115	P	H
		2484.4	46.84	-7.16	54	36.65	27.64	18.86	36.31	301	115	A	H
		2389.24	54.44	-19.56	74	44.77	27.26	18.68	36.27	396	108	P	V
		2389.38	40.45	-13.55	54	30.78	27.26	18.68	36.27	396	108	A	V
	*	2437	116.56	-	-	106.63	27.45	18.77	36.29	396	108	P	V
	*	2437	106.5	-	-	96.57	27.45	18.77	36.29	396	108	A	V
		2484.16	55.32	-18.68	74	45.13	27.64	18.86	36.31	396	108	P	V
		2484	41.15	-12.85	54	30.96	27.64	18.86	36.31	396	108	A	V



WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 11 2462MHz	*	2462	112.79	-	-	102.72	27.55	18.82	36.3	301	75	P	H
	*	2462	103.91	-	-	93.84	27.55	18.82	36.3	301	75	A	H
		2484.12	63.7	-10.3	74	53.51	27.64	18.86	36.31	301	75	P	H
		2483.56	51.87	-2.13	54	41.69	27.63	18.86	36.31	301	75	A	H
													H
													H
	*	2462	109.81	-	-	99.74	27.55	18.82	36.3	302	56	P	V
	*	2462	101.1	-	-	91.03	27.55	18.82	36.3	302	56	A	V
		2483.56	60.76	-13.24	74	50.58	27.63	18.86	36.31	302	56	P	V
		2483.68	48.93	-5.07	54	38.75	27.63	18.86	36.31	302	56	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 12 2467MHz	*	2467	111.04	-	-	100.95	27.57	18.83	36.31	304	106	P	H
	*	2467	102.36	-	-	92.27	27.57	18.83	36.31	304	106	A	H
		2483.52	61.94	-12.06	74	51.76	27.63	18.86	36.31	304	106	P	H
		2483.52	51.27	-2.73	54	41.09	27.63	18.86	36.31	304	106	A	H
													H
													H
	*	2467	106.56	-	-	96.47	27.57	18.83	36.31	303	54	P	V
	*	2467	98.12	-	-	88.03	27.57	18.83	36.31	303	54	A	V
		2485.6	57.93	-16.07	74	47.74	27.64	18.86	36.31	303	54	P	V
		2483.56	47.39	-6.61	54	37.21	27.63	18.86	36.31	303	54	A	V
													V
													V
802.11ax HE20 Full CH 13 2472MHz	*	2472	109.18	-	-	99.06	27.59	18.84	36.31	302	106	P	H
	*	2472	100.36	-	-	90.24	27.59	18.84	36.31	302	106	A	H
		2483.64	60.34	-13.66	74	50.16	27.63	18.86	36.31	302	106	P	H
		2483.52	51.25	-2.75	54	41.07	27.63	18.86	36.31	302	106	A	H
													H
													H
	*	2472	104.55	-	-	94.43	27.59	18.84	36.31	301	53	P	V
	*	2472	95.87	-	-	85.75	27.59	18.84	36.31	301	53	A	V
		2483.6	56.14	-17.86	74	45.96	27.63	18.86	36.31	301	53	P	V
		2483.52	46.77	-7.23	54	36.59	27.63	18.86	36.31	301	53	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11 ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 01 2412MHz		4804	44.4	-29.6	74	36.69	32.22	13.03	37.54	-	-	P	H
		13380	53.99	-20.01	74	35.31	39.96	21.89	43.17	-	-	P	H
		13380	45.03	-8.97	54	26.35	39.96	21.89	43.17	-	-	A	H
		14499	53.59	-20.41	74	35.1	39.9	22.78	44.19	-	-	P	H
		14499	44.62	-9.38	54	26.13	39.9	22.78	44.19	-	-	A	H
		17970	55.92	-18.08	74	34.91	41.59	24.87	45.45	-	-	P	H
		17970	46.91	-7.09	54	25.9	41.59	24.87	45.45	-	-	A	H
													H
													H
													H
													H
													H
													H
		4804	43.77	-30.23	74	36.06	32.22	13.03	37.54	-	-	P	V
		13320	53.55	-20.45	74	35.03	39.84	21.84	43.16	-	-	P	V
		13320	44.59	-9.41	54	26.07	39.84	21.84	43.16	-	-	A	V
		14490	53.5	-20.5	74	35.02	39.89	22.78	44.19	-	-	P	V
		14490	44.52	-9.48	54	26.04	39.89	22.78	44.19	-	-	A	V
		17910	55.41	-18.59	74	34.82	41.17	24.83	45.41	-	-	P	V
		17910	46.43	-7.57	54	25.84	41.17	24.83	45.41	-	-	A	V
													V
													V
													V
													V
													V



WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 06 2437MHz		4874	43.79	-30.21	74	35.85	32.54	13	37.6	-	-	P	H
		7311	49.23	-24.77	74	35.06	36.78	15.92	38.53	-	-	P	H
		7311	40.3	-13.7	54	26.13	36.78	15.92	38.53	-	-	A	H
		13305	53.25	-20.75	74	34.78	39.81	21.81	43.15	-	-	P	H
		13305	44.19	-9.81	54	25.72	39.81	21.81	43.15	-	-	A	H
		14499	53.74	-20.26	74	35.25	39.9	22.78	44.19	-	-	P	H
		14499	44.77	-9.23	54	26.28	39.9	22.78	44.19	-	-	A	H
		18000	58.25	-15.75	74	37.03	41.8	24.89	45.47	-	-	P	H
		18000	49.38	-4.62	54	28.16	41.8	24.89	45.47	-	-	A	H
													H
													H
													H
		4874	43.59	-30.41	74	35.65	32.54	13	37.6	-	-	P	V
		7311	49.61	-24.39	74	35.44	36.78	15.92	38.53	-	-	P	V
		7311	40.65	-13.35	54	26.48	36.78	15.92	38.53	-	-	A	V
		13260	53.64	-20.36	74	35.25	39.76	21.78	43.15	-	-	P	V
		13260	44.67	-9.33	54	26.28	39.76	21.78	43.15	-	-	A	V
		14475	53.73	-20.27	74	35.27	39.88	22.77	44.19	-	-	P	V
		14475	44.75	-9.25	54	26.29	39.88	22.77	44.19	-	-	A	V
		17970	55.84	-18.16	74	34.83	41.59	24.87	45.45	-	-	P	V
		17970	46.82	-7.18	54	25.81	41.59	24.87	45.45	-	-	A	V
													V
													V
													V



802.11ax HE20 Full CH 11 2462MHz		4924	44.18	-29.82	74	36	32.84	12.97	37.63	-	-	P	H
		7386	48.17	-25.83	74	34.34	36.41	16.01	38.59	-	-	P	H
		7386	39.22	-14.78	54	25.39	36.41	16.01	38.59	-	-	A	H
		13350	54.57	-19.43	74	35.97	39.9	21.86	43.16	-	-	P	H
		13350	45.53	-8.47	54	26.93	39.9	21.86	43.16	-	-	A	H
		14490	53.57	-20.43	74	35.09	39.89	22.78	44.19	-	-	P	H
		14490	44.55	-9.45	54	26.07	39.89	22.78	44.19	-	-	A	H
		17925	55.27	-18.73	74	34.58	41.27	24.84	45.42	-	-	P	H
		17925	46.26	-7.74	54	25.57	41.27	24.84	45.42	-	-	A	H
													H
													H
													H
		4924	43.97	-30.03	74	35.79	32.84	12.97	37.63	-	-	P	V
		7386	47.56	-26.44	74	33.73	36.41	16.01	38.59	-	-	P	V
		13350	53.58	-20.42	74	34.98	39.9	21.86	43.16	-	-	P	V
		13350	43.6	-10.4	54	25	39.9	21.86	43.16	-	-	A	V
		14475	53.95	-20.05	74	35.49	39.88	22.77	44.19	-	-	P	V
		14475	44.89	-9.11	54	26.43	39.88	22.77	44.19	-	-	A	V
		17955	56.11	-17.89	74	35.2	41.49	24.86	45.44	-	-	P	V
		17955	47.14	-6.86	54	26.23	41.49	24.86	45.44	-	-	A	V
													V
													V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												
	4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												



WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 12 2467MHz		4934	43.9	-30.1	74	35.67	32.9	12.97	37.64	-	-	P	H
		7401	47.67	-26.33	74	33.94	36.3	16.03	38.6	-	-	P	H
		13260	53.47	-20.53	74	35.08	39.76	21.78	43.15	-	-	P	H
		13260	44.42	-9.58	54	26.03	39.76	21.78	43.15	-	-	A	H
		14490	54.08	-19.92	74	35.6	39.89	22.78	44.19	-	-	P	H
		14490	45.17	-8.83	54	26.69	39.89	22.78	44.19	-	-	A	H
		17955	55.64	-18.36	74	34.73	41.49	24.86	45.44	-	-	P	H
		17955	46.62	-7.38	54	25.71	41.49	24.86	45.44	-	-	A	H
													H
													H
													H
													H
		4934	43.82	-30.18	74	35.59	32.9	12.97	37.64	-	-	P	V
		7401	47.61	-26.39	74	33.88	36.3	16.03	38.6	-	-	P	V
		13365	53.12	-20.88	74	34.49	39.93	21.87	43.17	-	-	P	V
		13365	44.12	-9.88	54	25.49	39.93	21.87	43.17	-	-	A	V
		14499	53.91	-20.09	74	35.42	39.9	22.78	44.19	-	-	P	V
		14499	44.92	-9.08	54	26.43	39.9	22.78	44.19	-	-	A	V
		17955	56	-18	74	35.09	41.49	24.86	45.44	-	-	P	V
		17955	46.99	-7.01	54	26.08	41.49	24.86	45.44	-	-	A	V
													V
													V
													V
													V

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.		(MHz)	(dBμV/m)	(dB)	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
4+3					(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE20 Full CH 13 2472MHz		4944	43.76	-30.24	74	35.49	32.96	12.96	37.65	-	-	P	H
		7416	47.93	-26.07	74	34.26	36.27	16.01	38.61	-	-	P	H
		13335	53.43	-20.57	74	34.87	39.87	21.85	43.16	-	-	P	H
		13335	44.36	-9.64	54	25.8	39.87	21.85	43.16	-	-	A	H
		14490	52.97	-21.03	74	34.49	39.89	22.78	44.19	-	-	P	H
		14490	43.94	-10.06	54	25.46	39.89	22.78	44.19	-	-	A	H
		17985	55.91	-18.09	74	34.8	41.69	24.88	45.46	-	-	P	H
		17985	46.94	-7.06	54	25.83	41.69	24.88	45.46	-	-	A	H
													H
													H
													H
													H
		4944	45	-29	74	36.73	32.96	12.96	37.65	-	-	P	V
		7416	47.93	-26.07	74	34.26	36.27	16.01	38.61	-	-	P	V
		13290	53.65	-20.35	74	35.21	39.79	21.8	43.15	-	-	P	V
		13290	44.72	-9.28	54	26.28	39.79	21.8	43.15	-	-	A	V
		14499	53.32	-20.68	74	34.83	39.9	22.78	44.19	-	-	P	V
		14499	44.35	-9.65	54	25.86	39.9	22.78	44.19	-	-	A	V
		18000	55.4	-18.6	74	34.18	41.8	24.89	45.47	-	-	P	V
		18000	46.44	-7.56	54	25.22	41.8	24.89	45.47	-	-	A	V
												V	
												V	
												V	
												V	
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												
	4. 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	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
4+3		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
2.4GHz 802.11g SHF		19351	38.36	-35.64	74	39.99	37.94	15.49	55.06	-	-	P	H
		24622	41.62	-32.38	74	36.56	39.05	19.34	53.33	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		19071	38.37	-35.63	74	40.48	38.03	15.03	55.17	-	-	P	V
		24125	41.84	-32.16	74	37.89	38.85	18.8	53.7	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against limit line. 3. 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	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
4+3		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
2.4GHz 802.11g LF		97.9	24.77	-18.73	43.5	42.67	15.63	2.01	35.54	-	-	P	H
		189.08	25.72	-17.78	43.5	43.69	14.74	2.69	35.4	-	-	P	H
		494.63	26.43	-19.57	46	32.97	23.85	4.24	34.63	-	-	P	H
		681.84	29.12	-16.88	46	32.05	26.19	4.9	34.02	-	-	P	H
		836.07	32.55	-13.45	46	32.04	28.37	5.57	33.43	-	-	P	H
		950.53	35.14	-10.86	46	31.67	30.46	5.99	32.98	-	-	P	H
													H
													H
													H
													H
													H
													H
		32.91	31.69	-8.31	40	43.26	22.84	1.24	35.65	-	-	P	V
		94.99	23.21	-20.29	43.5	41.67	15.13	1.98	35.57	-	-	P	V
		170.65	24.53	-18.97	43.5	41.96	15.4	2.58	35.41	-	-	P	V
		511.12	27.18	-18.82	46	33.53	23.92	4.31	34.58	-	-	P	V
		746.83	35.05	-10.95	46	35.95	27.67	5.18	33.75	-	-	P	V
		951.5	34.79	-11.21	46	31.29	30.49	5.99	32.98	-	-	P	V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against limit line.												
	3. The emission position marked as “-” means no suspected emission found and emission level has at least 6dB margin against limit or emission is noise floor only.												



Note symbol

*	Fundamental Frequency which can be ignored. However, the level of any unwanted emissions shall not exceed the level of the fundamental frequency.
!	Test result is 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	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
4+3		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
CH 01													
2412MHz		2390	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H

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

For Peak Limit @ 2390MHz:

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

For Average Limit @ 2390MHz:

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

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



Appendix D. Radiated Spurious Emission Plots

Test Engineer :	Bill Chang, JC Liang, Big show Wang	Temperature :	18~20°C
		Relative Humidity :	66~70%

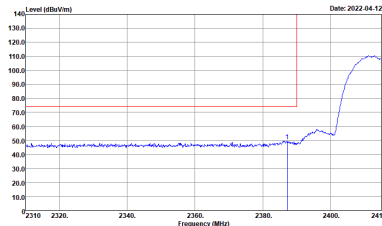
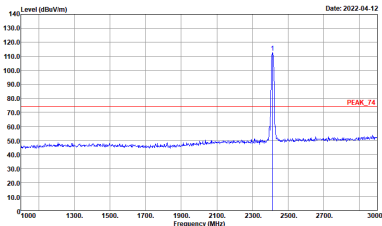
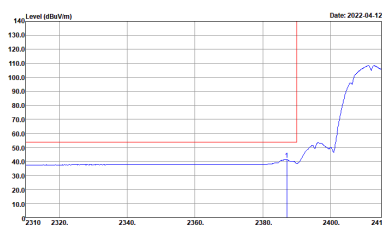
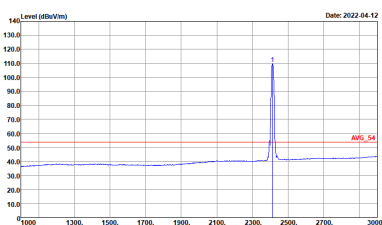
Note symbol

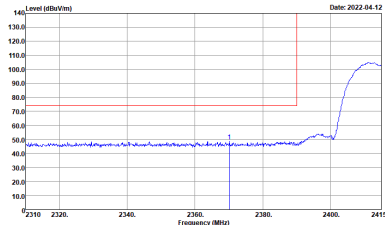
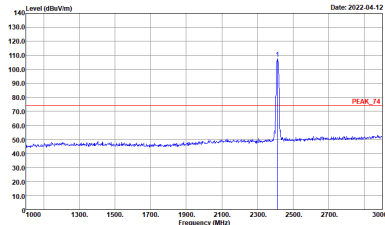
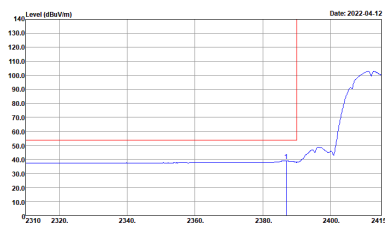
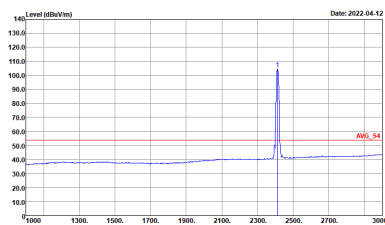
-L	Low channel location
-R	High channel location

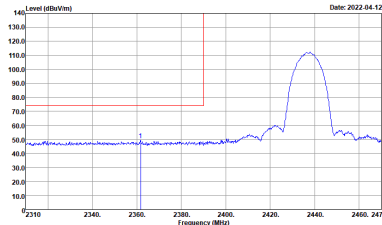
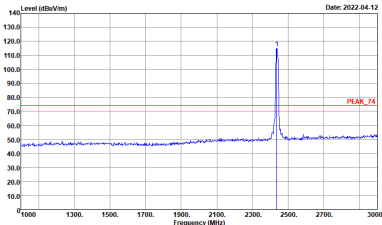
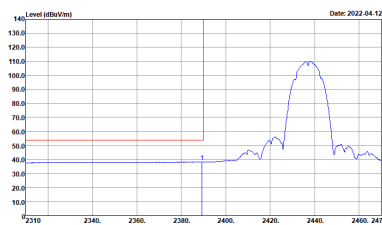
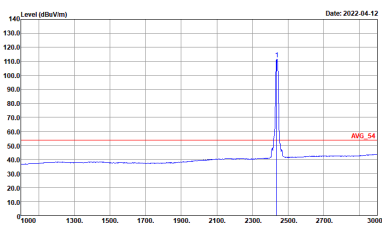


2.4GHz 2400~2483.5MHz

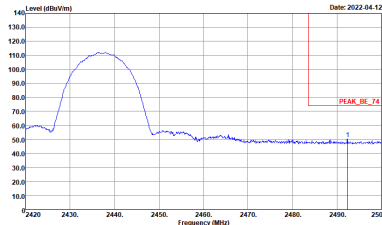
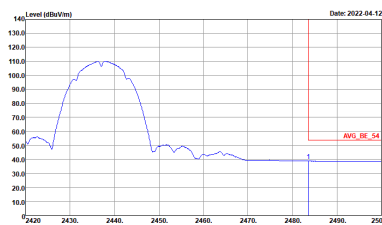
WIFI 802.11b (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH01 2412MHz	
4	Horizontal	Fundamental
Peak	 Site : 03CH20-HV Condition : PEAK_BE_74 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HV Condition : PEAK_74 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH20-HV Condition : AVG_BE_54 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH20-HV Condition : AVG_54 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

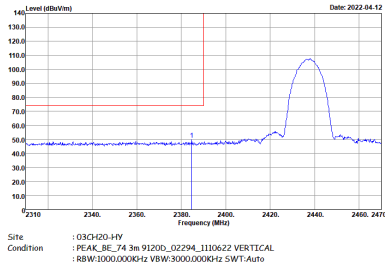
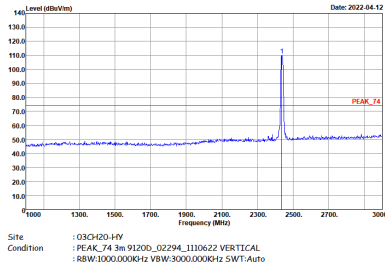
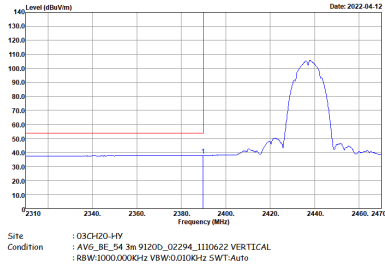
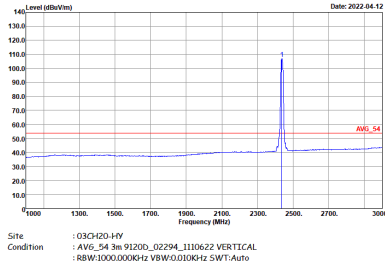
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH01 2412MHz	
4	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH20-HY Condition : AVG_BE_74 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_74 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto
Avg.		

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - L	
4	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto
Avg.		

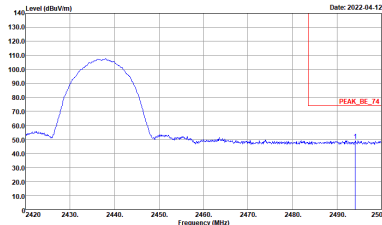
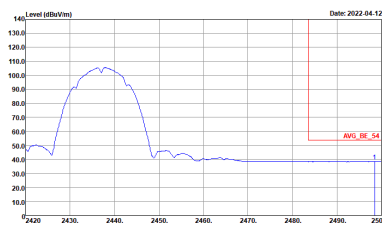


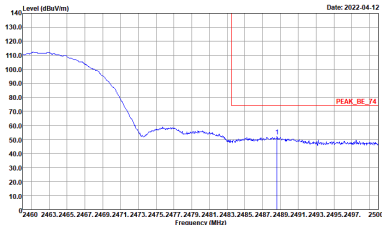
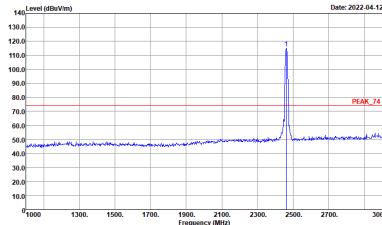
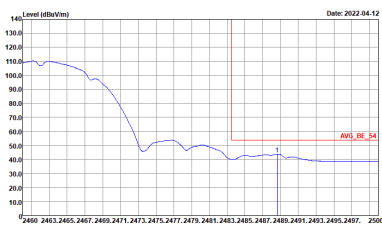
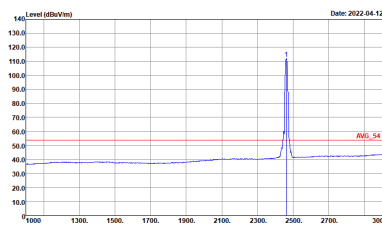
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
4	Horizontal	Fundamental
Peak	 Site : 03CH20-HV Condition : PEAK_BE_74 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH20-HV Condition : AVG_BE_54 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank

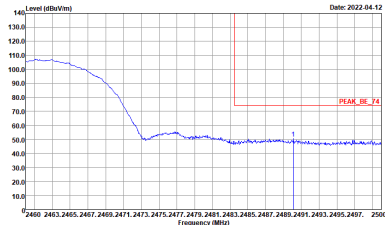
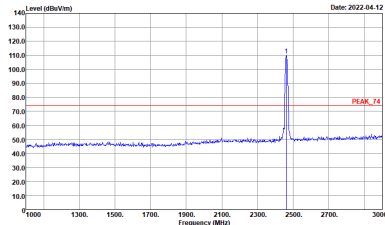
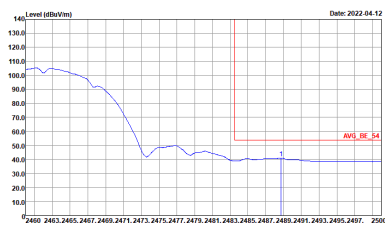
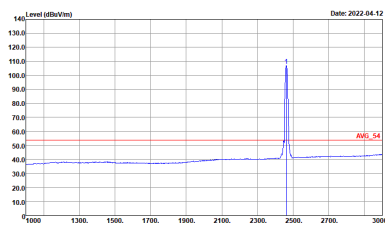


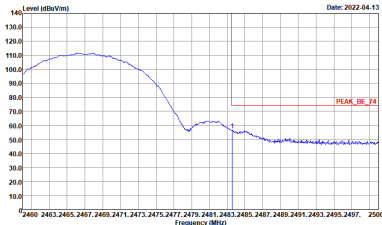
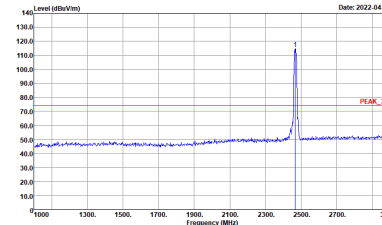
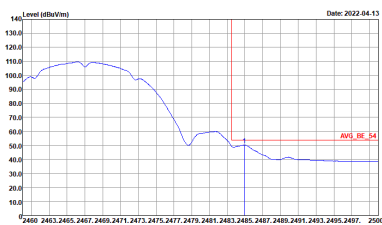
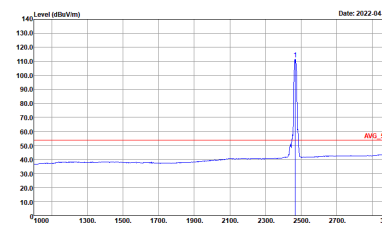
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - L	
4	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

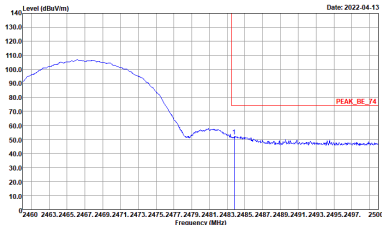
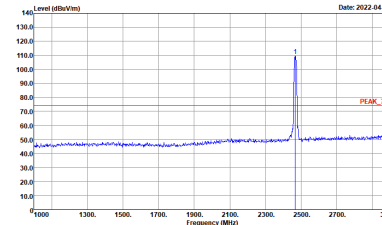
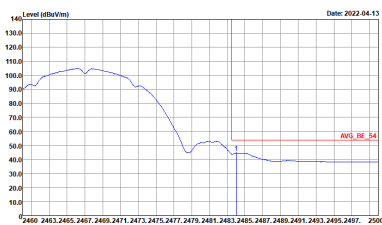
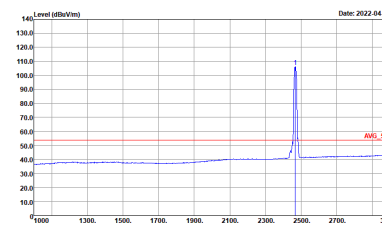


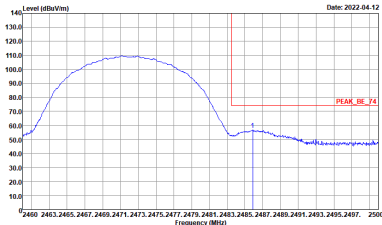
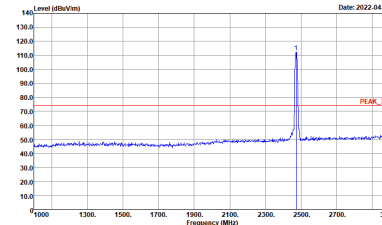
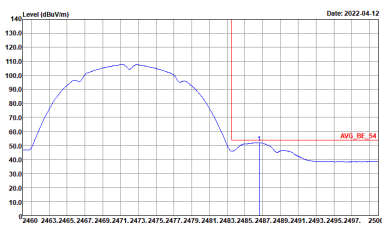
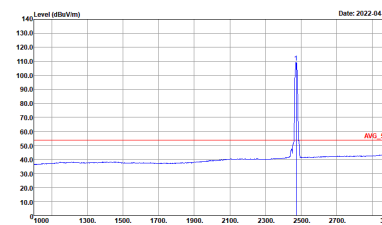
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
4	Vertical	Fundamental
Peak	 Site : 03CH20-HV Condition : PEAK_BE_74 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH20-HV Condition : AVG_BE_54 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank

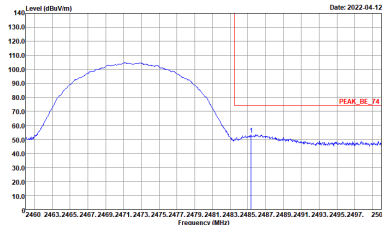
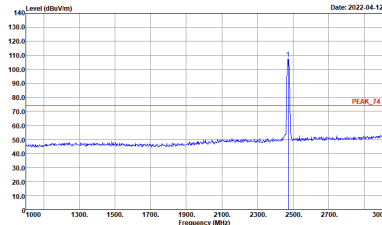
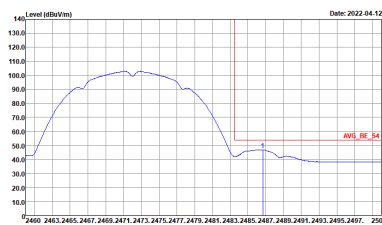
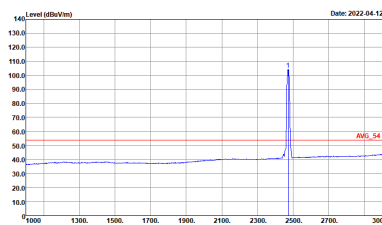
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH11 2462MHz	
4	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto
Avg.		

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH11 2462MHz	
4	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto
Avg.		

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH12 2467MHz	
4	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto
Avg.		

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH12 2467MHz	
4	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

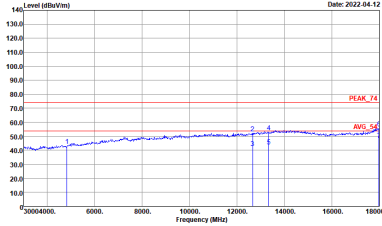
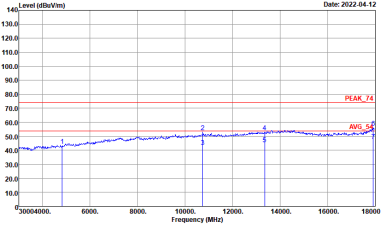
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH13 2472MHz	
4	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH13 2472MHz	
4	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto
Avg.		

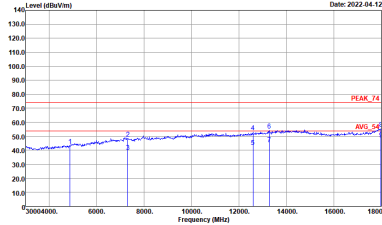
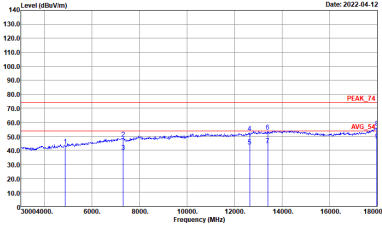


2.4GHz 2400~2483.5MHz

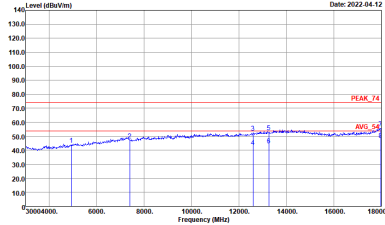
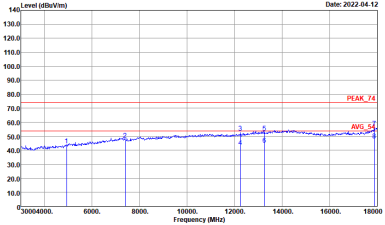
WIFI 802.11b (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH01 2412MHz	
4	Horizontal	Vertical
Peak Avg.	 Site : 03CH20-14V Condition : PEAK_74 3m 91200_02294_1110622 HORIZONTAL	 Site : 03CH20-14V Condition : PEAK_74 3m 91200_02294_1110622 VERTICAL

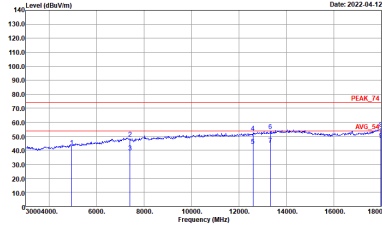
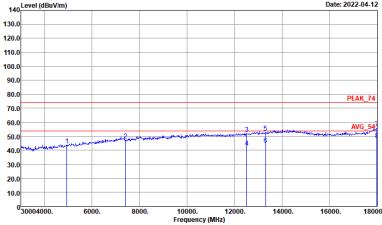


WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH06 2437MHz	
4	Horizontal	Vertical
Peak Avg.	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 HORIZONTAL	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 VERTICAL

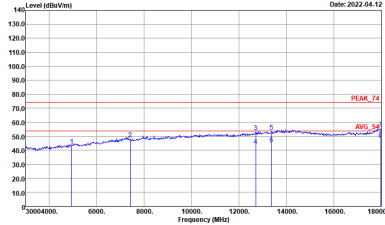
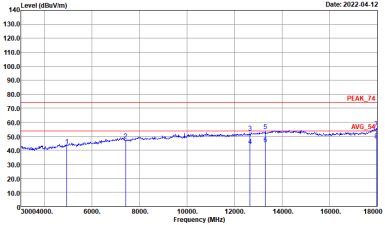


WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH11 2462MHz	
4	Horizontal	Vertical
Peak Avg.	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 HORIZONTAL	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 VERTICAL

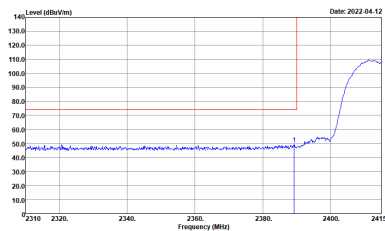
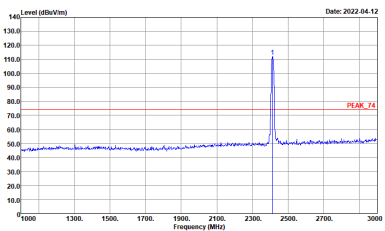
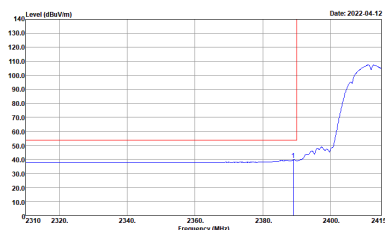
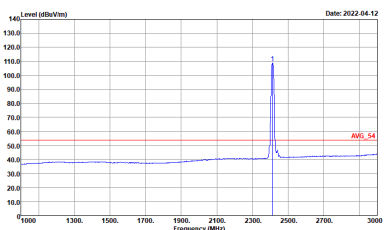


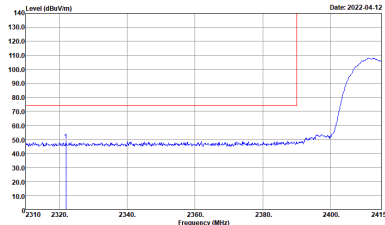
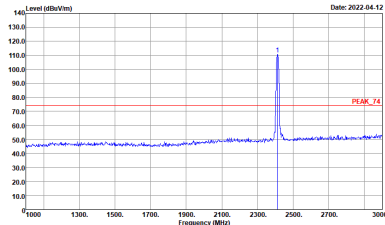
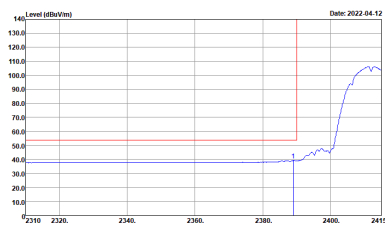
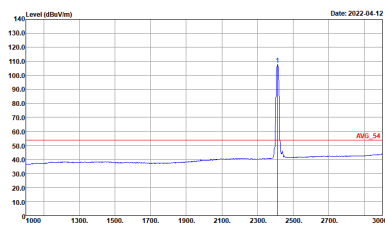
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH12 2467MHz	
4	Horizontal	Vertical
Peak Avg.	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 HORIZONTAL	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 VERTICAL

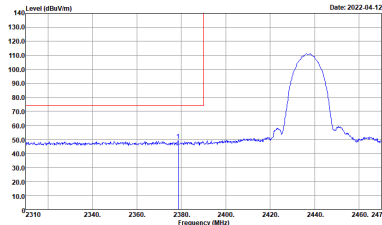
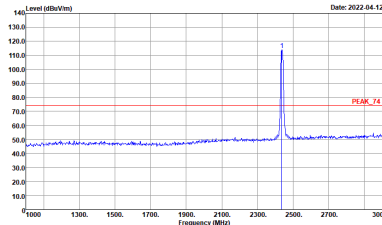
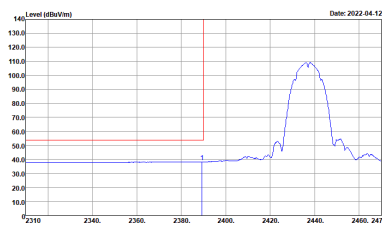
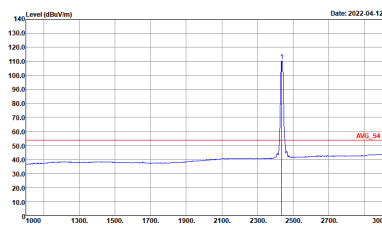


WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH13 2472MHz	
4	Horizontal	Vertical
Peak Avg.	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 HORIZONTAL	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 VERTICAL

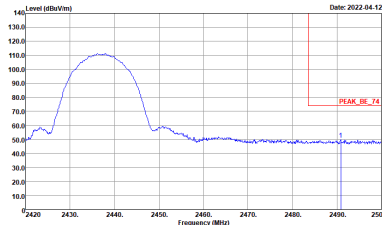
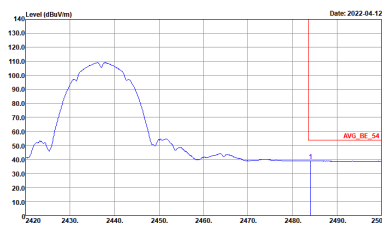
2.4GHz 2400~2483.5MHz
WIFI 802.11b (Band Edge @ 3m)

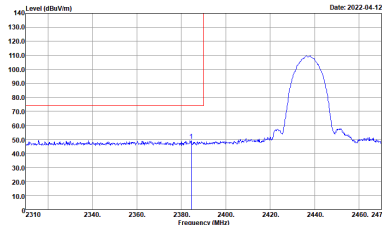
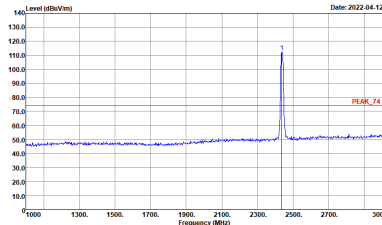
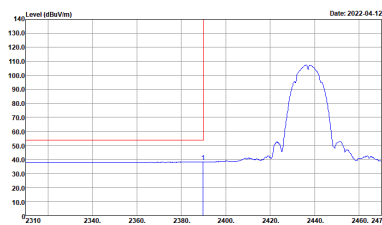
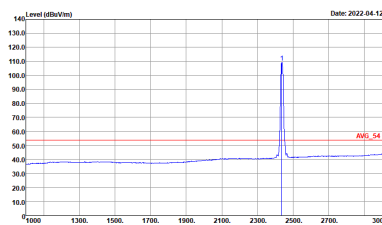
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH01 2412MHz	
3	Horizontal	Fundamental
Peak	 Site Condition : 03CH20-HV : PEAK_BE_74 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site Condition : 03CH20-HV : PEAK_74 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site Condition : 03CH20-HV : AVG_BE_54 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site Condition : 03CH20-HV : AVG_54 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto
Avg.		

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH01 2412MHz	
3	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

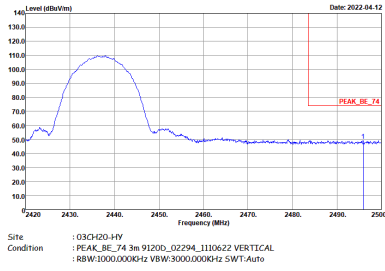
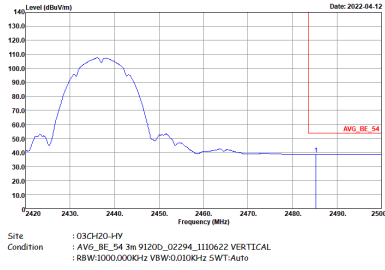
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - L	
3	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto
Avg.		

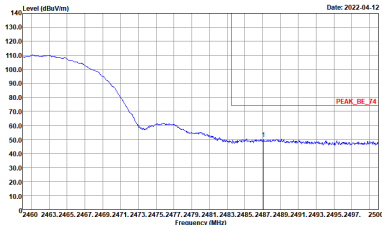
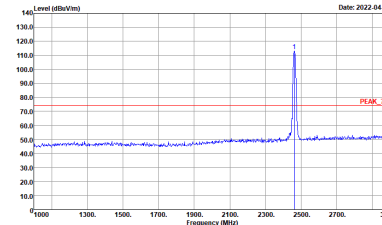
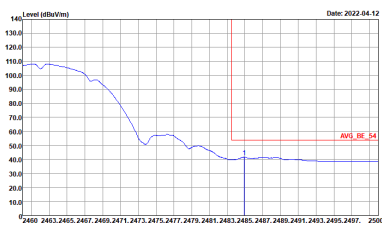
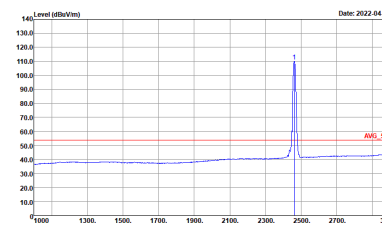


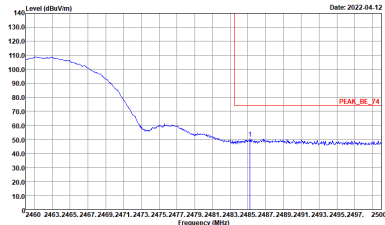
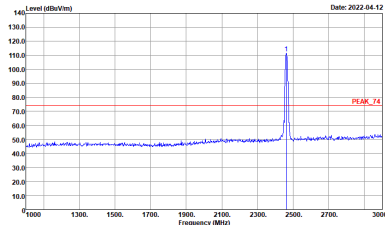
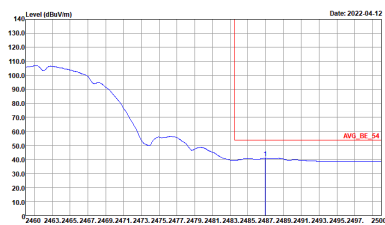
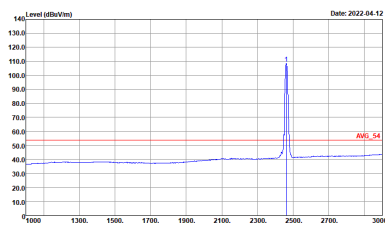
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
3	Horizontal	Fundamental
Peak	 Site : 03CH20-HV Condition : PEAK_BE_74 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH20-HV Condition : AVG_BE_54 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank

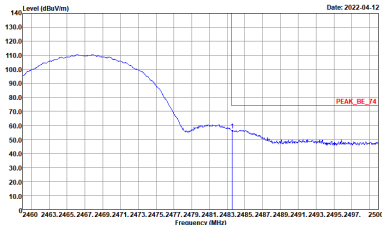
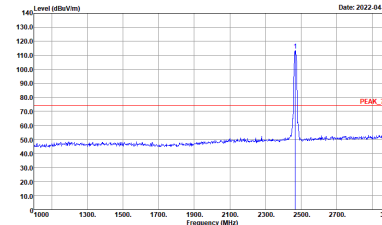
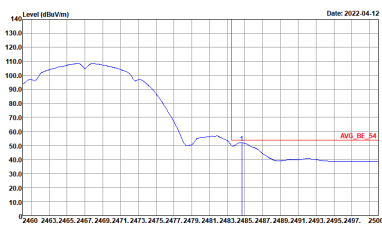
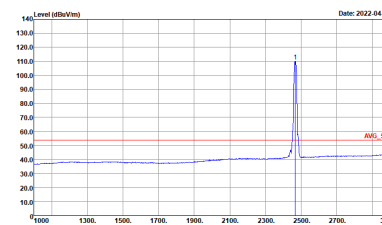
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - L	
3	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

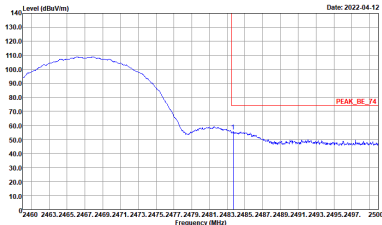
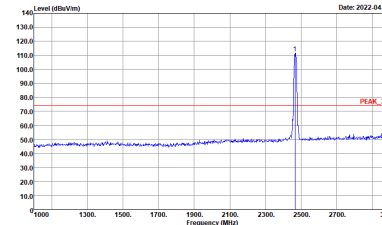
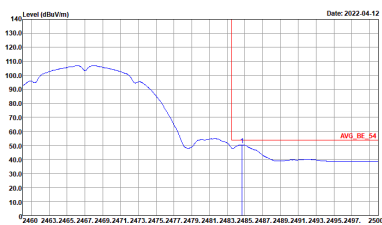
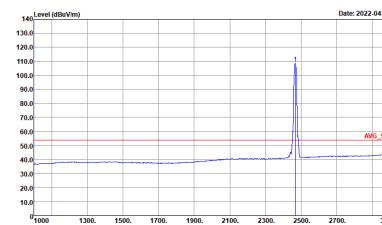


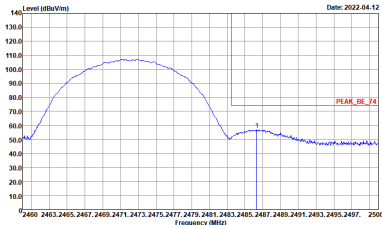
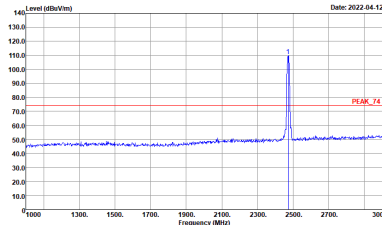
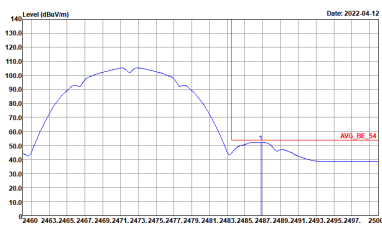
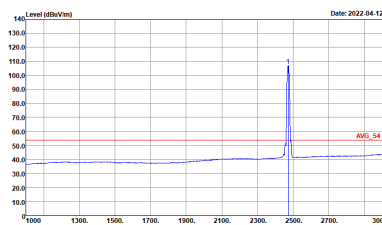
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
3	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

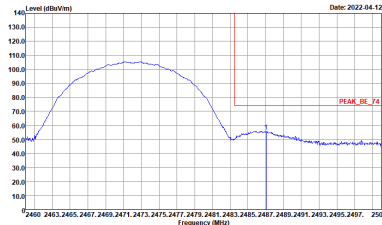
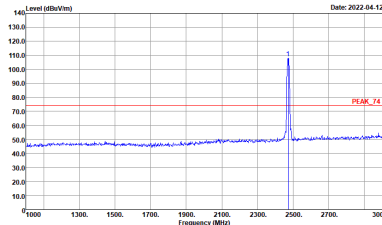
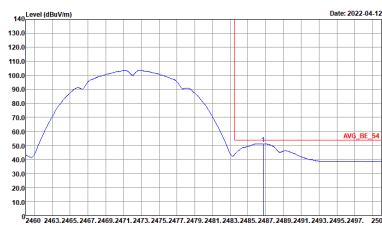
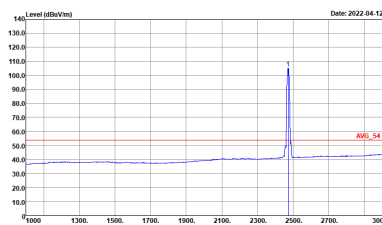
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH11 2462MHz	
3	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH11 2462MHz	
3	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_F4 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_F4 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

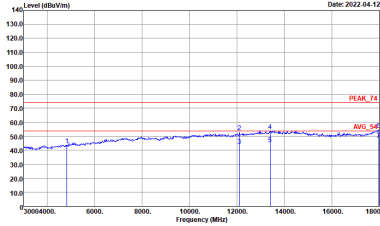
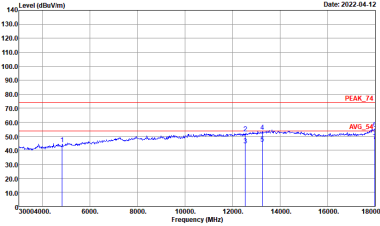
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH12 2467MHz	
3	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH12 2467MHz	
3	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto
Avg.		

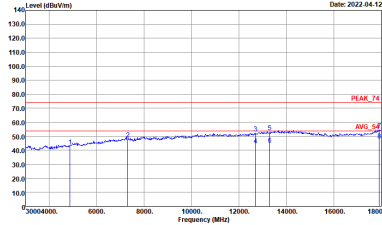
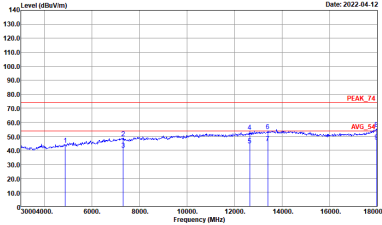
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH13 2472MHz	
3	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto
Avg.		

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH13 2472MHz	
3	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto
Avg.		

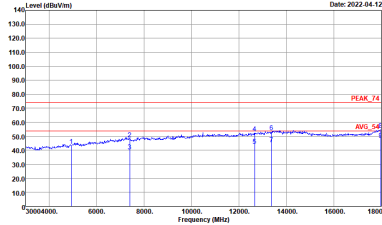
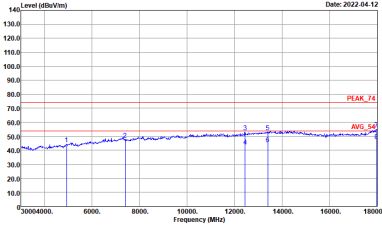
2.4GHz 2400~2483.5MHz
WIFI 802.11b (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH01 2412MHz	
3	Horizontal	Vertical
Peak Avg.	 Site : 03CH20-14V Condition : PEAK_74 3m 91200_02294_1110622 HORIZONTAL	 Site : 03CH20-14V Condition : PEAK_74 3m 91200_02294_1110622 VERTICAL

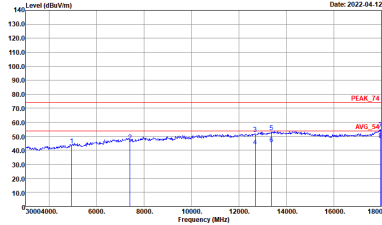
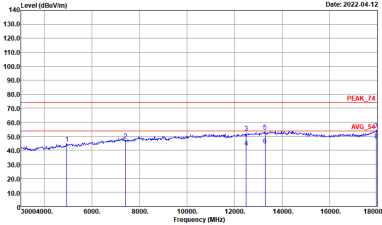


WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH06 2437MHz	
3	Horizontal	Vertical
Peak Avg.	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 HORIZONTAL	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 VERTICAL

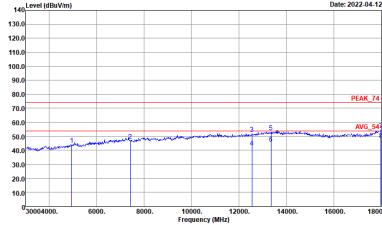
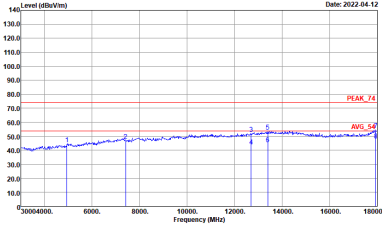


WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH11 2462MHz	
3	Horizontal	Vertical
Peak Avg.	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 HORIZONTAL	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 VERTICAL

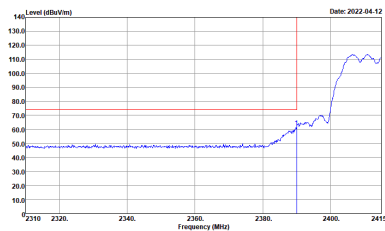
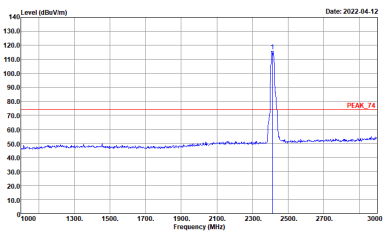
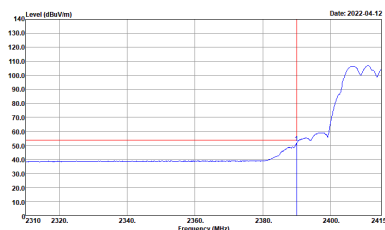
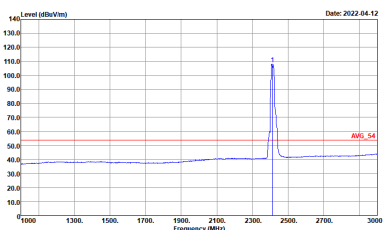


WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH12 2467MHz	
3	Horizontal	Vertical
Peak Avg.	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 HORIZONTAL	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 VERTICAL



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH13 2472MHz	
3	Horizontal	Vertical
Peak Avg.	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 HORIZONTAL	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 VERTICAL

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

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH01 2412MHz	
4+3	Horizontal	Fundamental
Peak	 Site Condition : 03CH20-HV : PEAK_BE_74 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site Condition : 03CH20-HV : PEAK_74 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site Condition : 03CH20-HV : AVG_BE_54 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site Condition : 03CH20-HV : AVG_54 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto
Avg.		

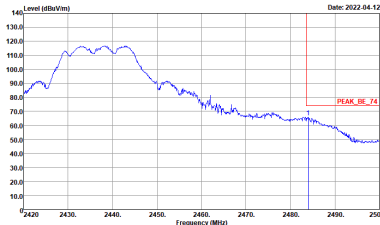
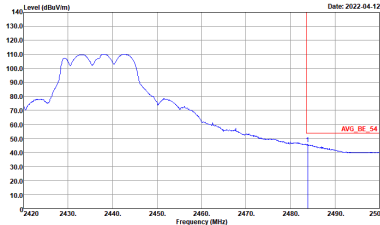


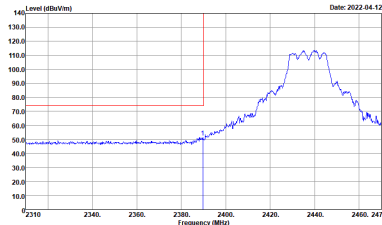
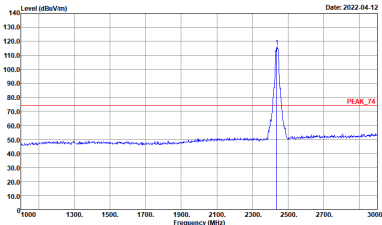
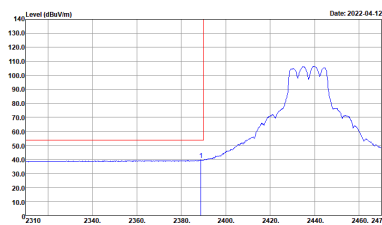
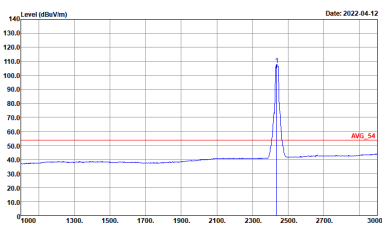
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH01 2412MHz	
4+3	Vertical	Fundamental
Peak	Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02294_1110622 VERTICAL : RBW:1000.0000kHz VBW:3000.0000kHz SWT:Auto	Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 VERTICAL : RBW:1000.0000kHz VBW:3000.0000kHz SWT:Auto
Avg.	Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02294_1110622 VERTICAL : RBW:1000.0000kHz VBW:10000kHz SWT:Auto	Site : 03CH20-HY Condition : AVG_54 3m 91200_02294_1110622 VERTICAL : RBW:1000.0000kHz VBW:10000kHz SWT:Auto



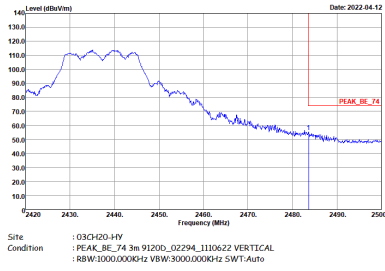
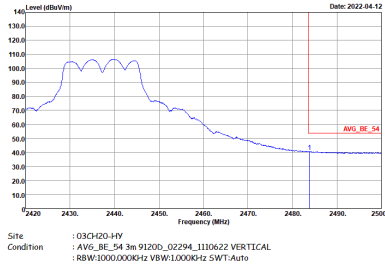
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - L	
4+3	Horizontal	Fundamental
Peak	Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.0000Hz VBW:3000.0000Hz SWT:Auto	Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.0000Hz VBW:3000.0000Hz SWT:Auto
Avg.	Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.0000Hz VBW:10000Hz SWT:Auto	Site : 03CH20-HY Condition : AVG_54 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.0000Hz VBW:10000Hz SWT:Auto

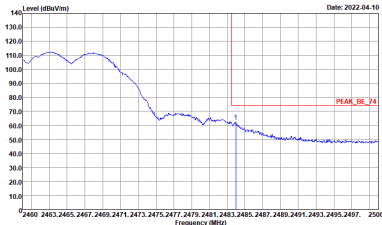
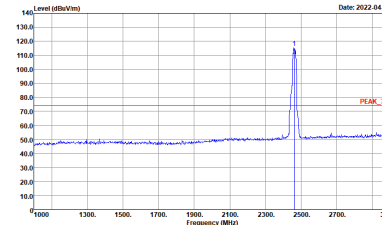
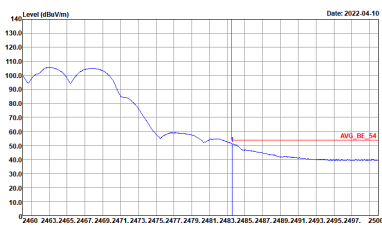
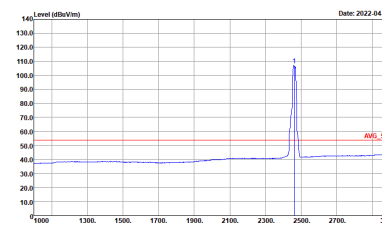


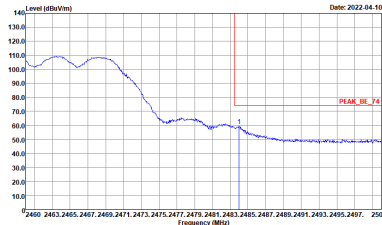
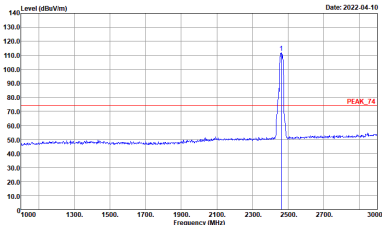
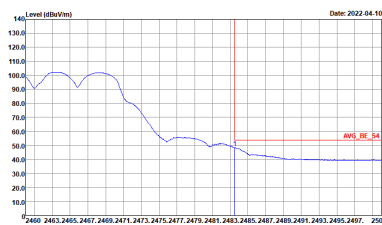
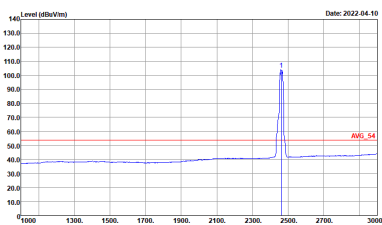
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
4+3	Horizontal	Fundamental
Peak	 Site : 03CH20-HV Condition : PEAK_BE_74 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH20-HV Condition : AVG_BE_54 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank

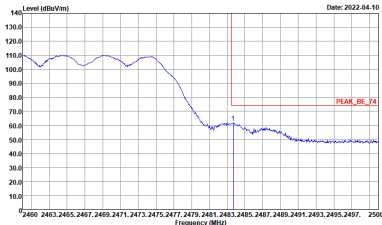
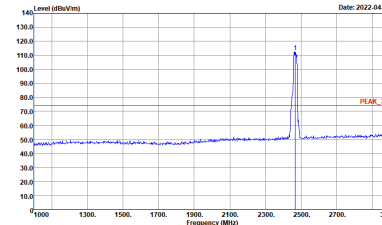
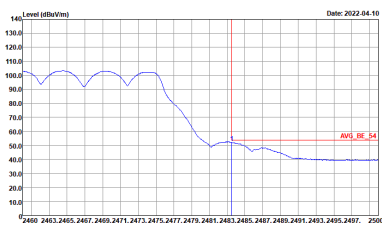
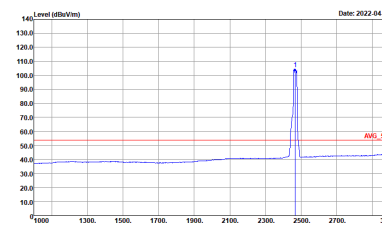
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - L	
4+3	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto

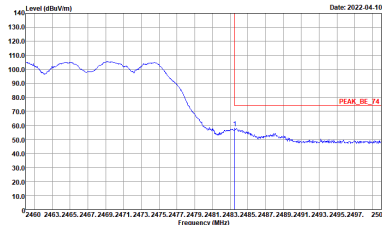
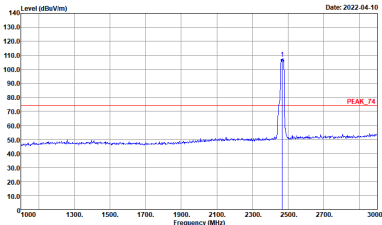
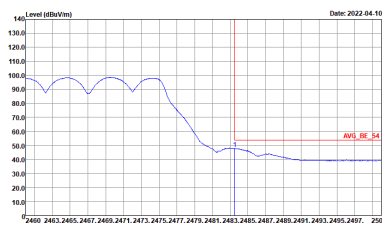
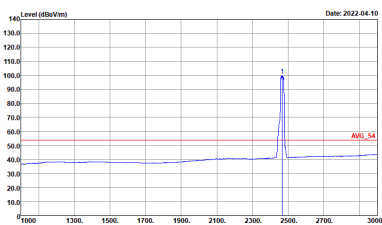


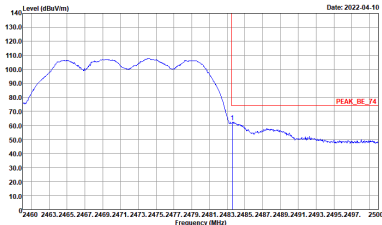
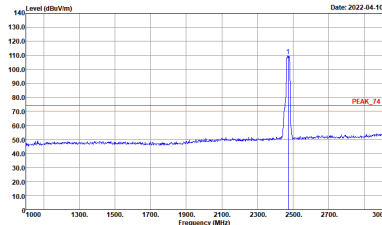
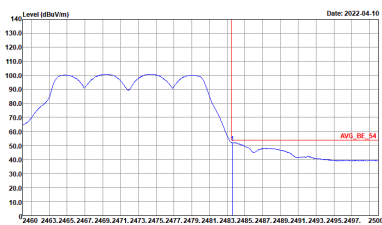
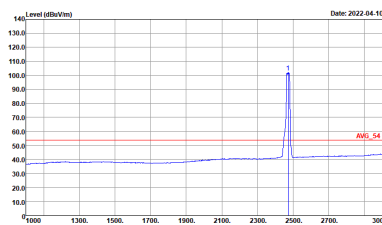
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
4+3	Vertical	Fundamental
Peak		Left Blank
Avg.		Left Blank

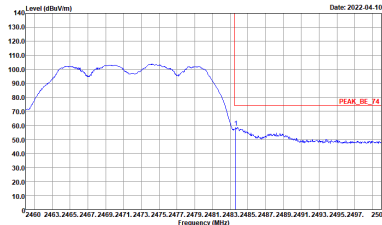
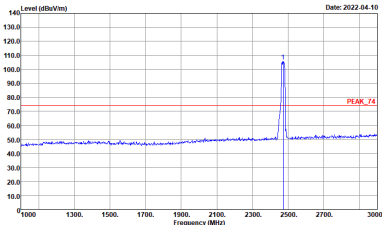
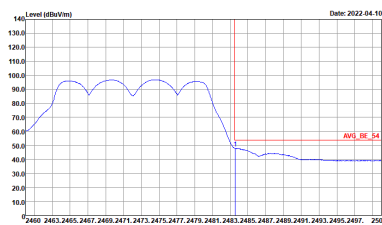
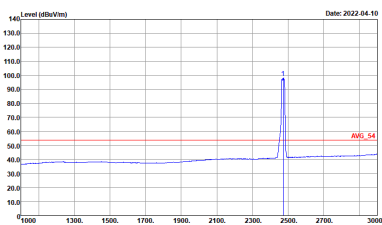
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH11 2462MHz	
4+3	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto
Avg.		

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH11 2462MHz	
4+3	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto
Avg.		

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH12 2467MHz	
4+3	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH12 2467MHz	
4+3	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto

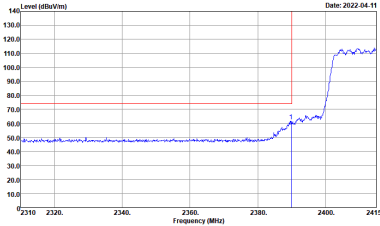
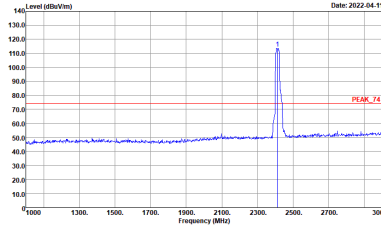
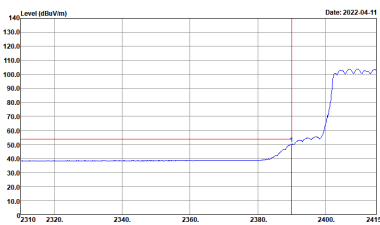
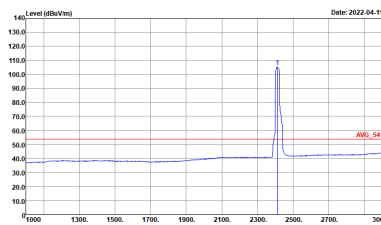
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH13 2472MHz	
4+3	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto
Avg.		

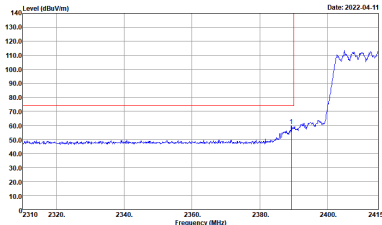
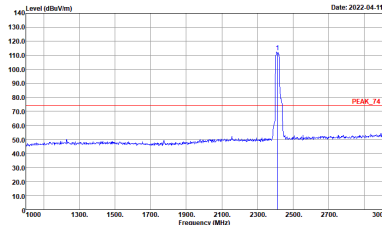
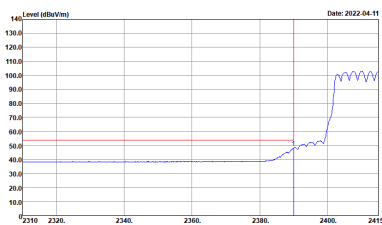
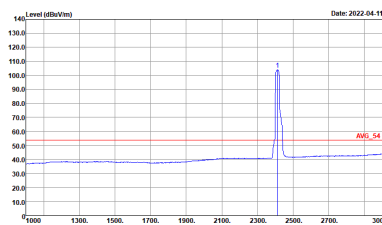
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH13 2472MHz	
4+3	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto
Avg.		



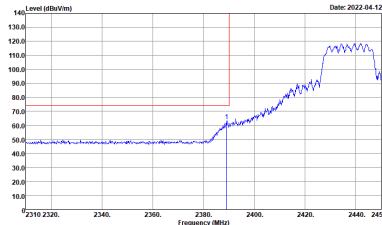
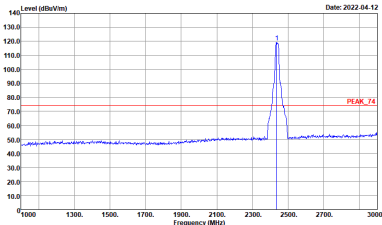
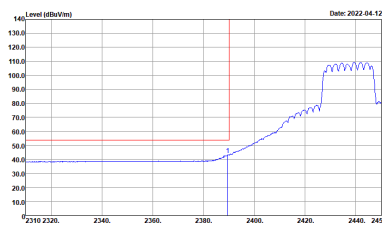
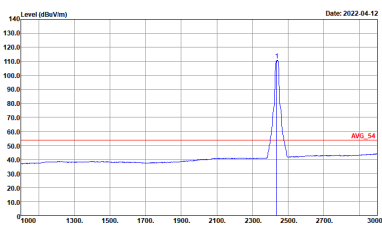
2.4GHz 2400~2483.5MHz

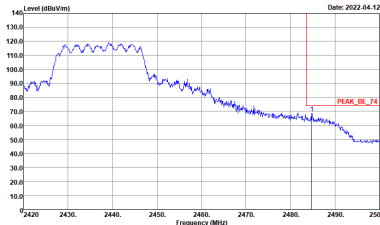
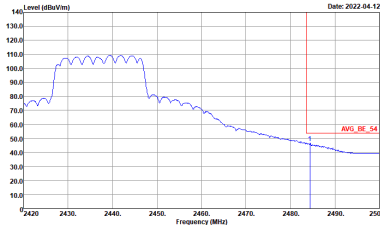
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH01 2412MHz	
4+3	Horizontal	Fundamental
Peak	 Site : 03CH20-HV Condition : PEAK_BE_74 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HV Condition : PEAK_74 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH20-HV Condition : AVG_BE_54 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HV Condition : AVG_54 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto

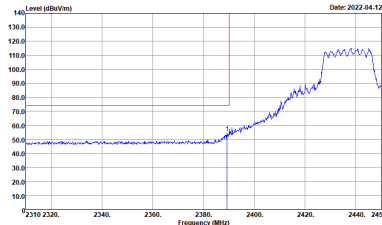
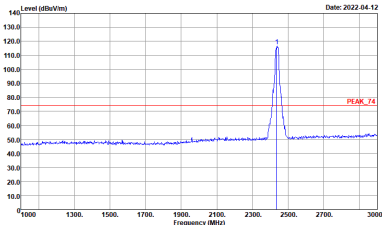
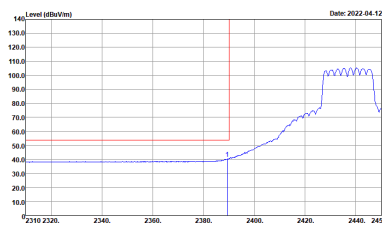
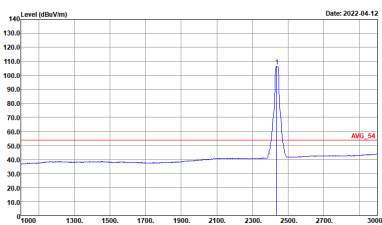
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH01 2412MHz	
4+3	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02294_1110622 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02294_1110622 VERTICAL : RBW:1000.000kHz VBW:0.300kHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02294_1110622 VERTICAL : RBW:1000.000kHz VBW:0.300kHz SWT:Auto
Avg.		



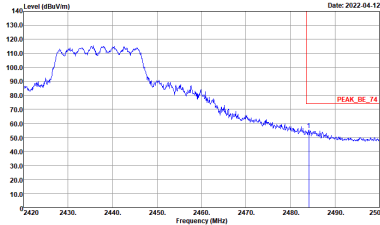
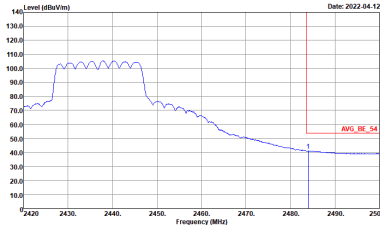
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH06 2437MHz - L	
4+3	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000kHz VBW:0.300kHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000kHz VBW:0.300kHz SWT:Auto

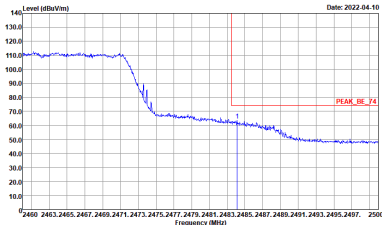
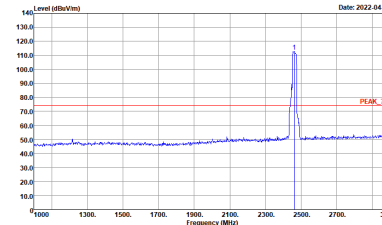
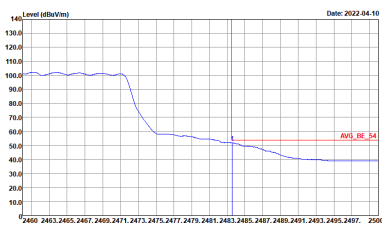
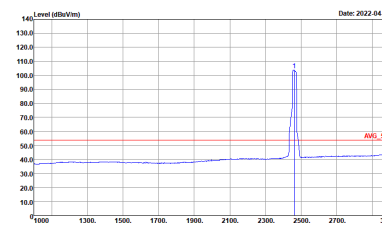
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH06 2437MHz - R	
4+3	Horizontal	Fundamental
Peak	 Site : 03CH20-HV Condition : PEAK_BE_74 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.0000Hz VBW:3000.0000Hz SWT:Auto	Left blank
Avg.	 Site : 03CH20-HV Condition : AVG_BE_54 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.0000Hz VBW:3000.0000Hz SWT:Auto	Left blank

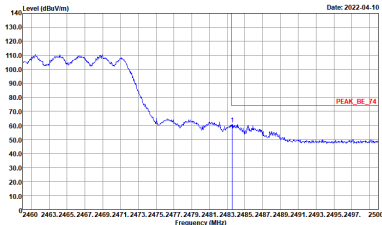
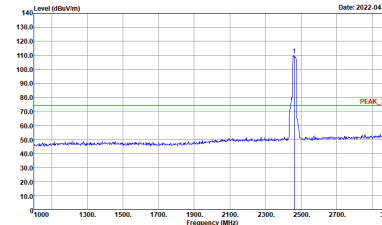
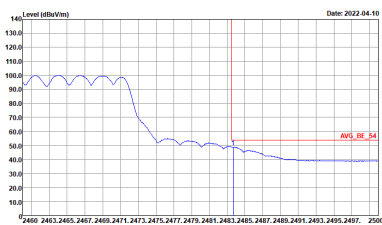
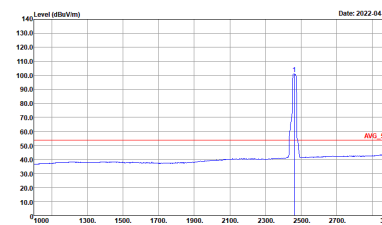


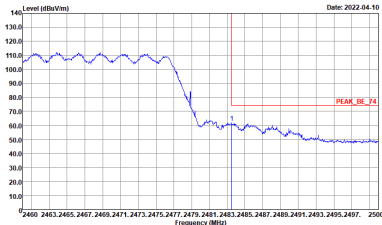
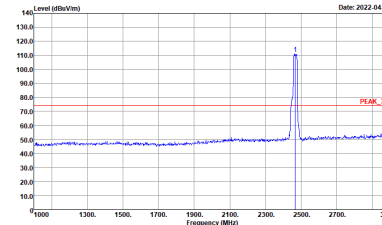
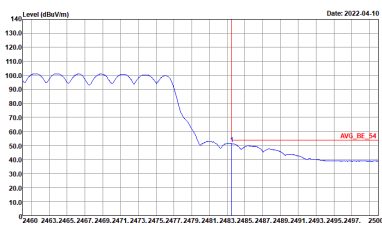
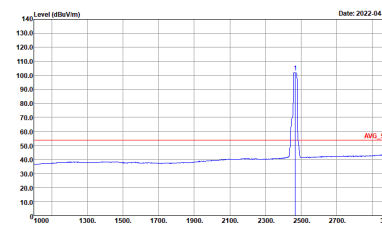
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH06 2437MHz - L	
4+3	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto

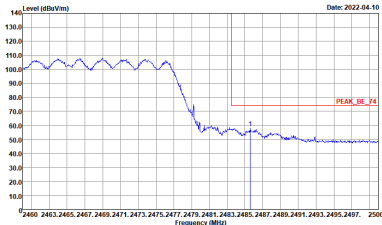
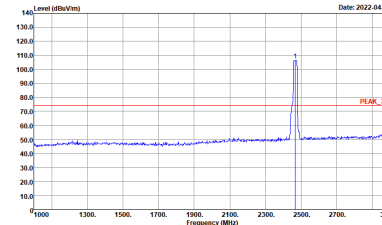
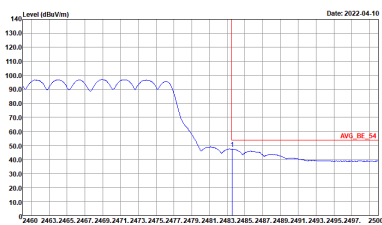
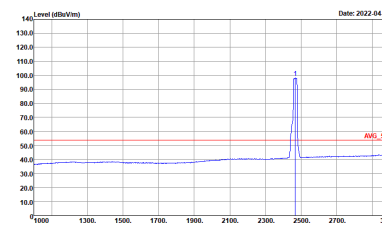


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH06 2437MHz - R	
4+3	Vertical	Fundamental
Peak	 Site : 03CH20-HV Condition : PEAK_BE_74 3m 91200_02294_1110622 VERTICAL : RBW:1000.0000Hz VBW:3000.0000Hz SWT:Auto	Left blank
Avg.	 Site : 03CH20-HV Condition : AVG_BE_54 3m 91200_02294_1110622 VERTICAL : RBW:1000.0000Hz VBW:3000.0000Hz SWT:Auto	Left blank

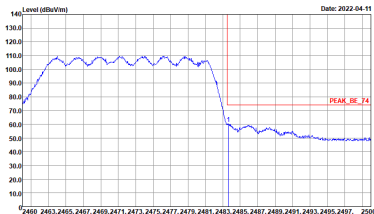
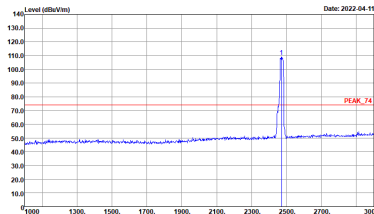
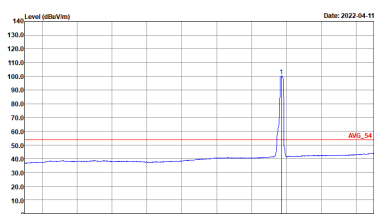
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH11 2462MHz	
4+3	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.		

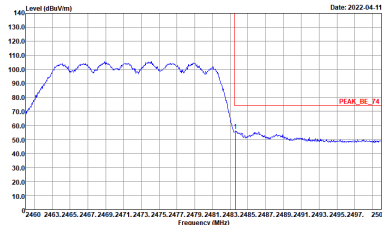
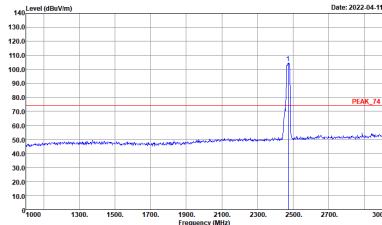
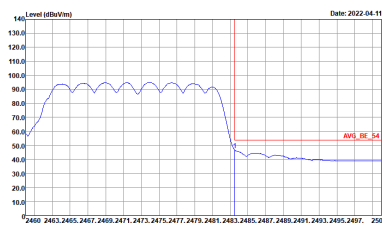
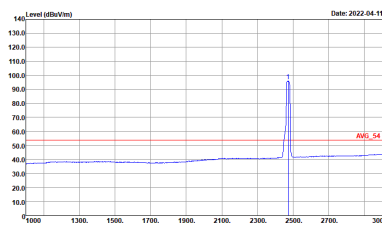
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH11 2462MHz	
4+3	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.		

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH12 2467MHz	
4+3	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.		

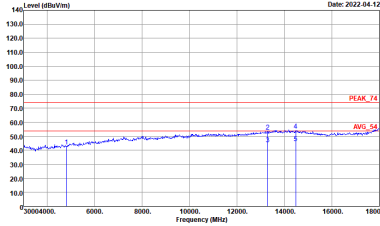
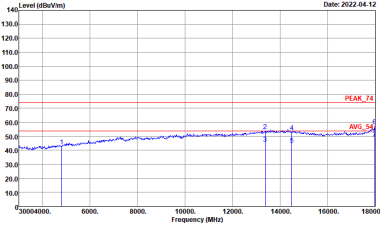
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH12 2467MHz	
4+3	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.		



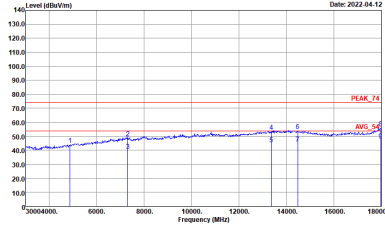
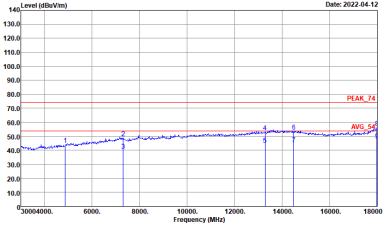
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH13 2472MHz	
4+3	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_RS_74 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_RS_74 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : AVG_RS_54 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_RS_54 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH13 2472MHz	
4+3	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02294_1110622 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02294_1110622 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02294_1110622 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.		

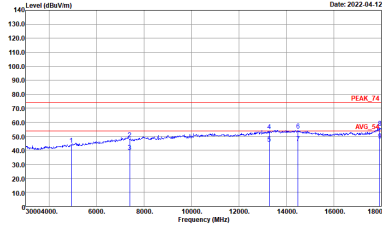
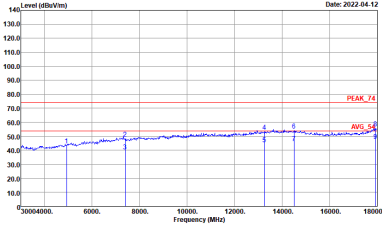
**2.4GHz 2400~2483.5MHz****WIFI 802.11g (Harmonic @ 3m)**

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH01 2412MHz	
4+3	Horizontal	Vertical
Peak Avg.	 Site : 03CH20-14V Condition : PEAK_74 3m 91200_02294_1110622 HORIZONTAL	 Site : 03CH20-14V Condition : PEAK_74 3m 91200_02294_1110622 VERTICAL

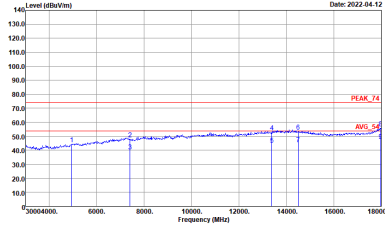
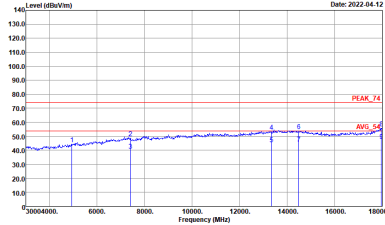


WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH06 2437MHz	
4+3	Horizontal	Vertical
Peak Avg.	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 HORIZONTAL	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 VERTICAL

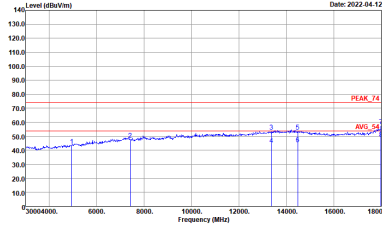
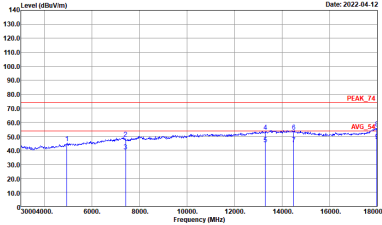


WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH11 2462MHz	
4+3	Horizontal	Vertical
Peak Avg.	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 HORIZONTAL	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 VERTICAL



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH12 2467MHz	
4+3	Horizontal	Vertical
Peak Avg.	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 HORIZONTAL	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 VERTICAL

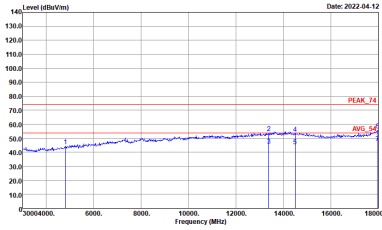
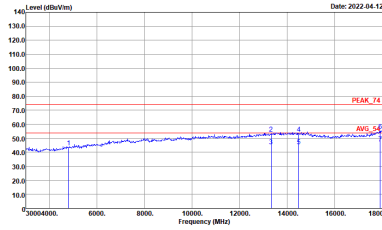


WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH13 2472MHz	
4+3	Horizontal	Vertical
Peak Avg.	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 HORIZONTAL	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 VERTICAL

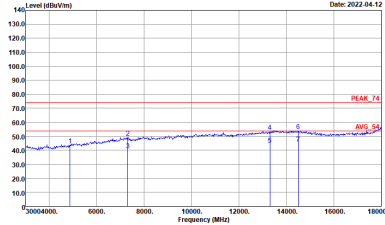
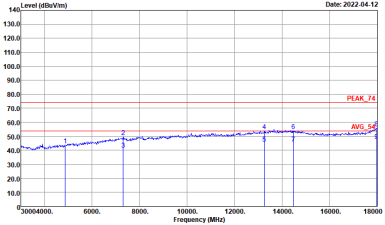


2.4GHz 2400~2483.5MHz

WIFI 802.11 ax HE20 Full (Harmonic @ 3m)

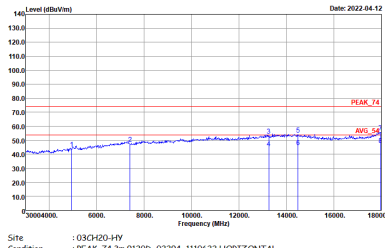
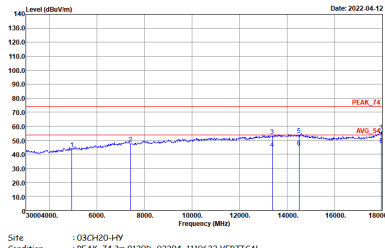
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE20 Full CH01 2412MHz	
4+3	Horizontal	Vertical
Peak Avg.	 Site : 03CH20-14V Condition : PEAK_74 3m 91200_02294_1110622 HORIZONTAL	 Site : 03CH20-14V Condition : PEAK_74 3m 91200_02294_1110622 VERTICAL



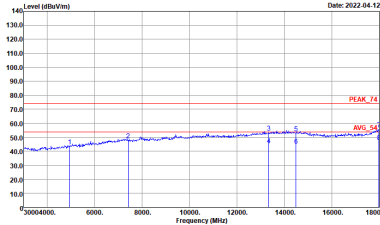
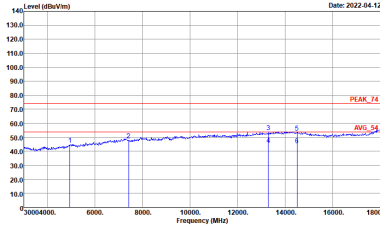
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE20 Full CH06 2437MHz	
4+3	Horizontal	Vertical
Peak Avg.	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 HORIZONTAL	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 VERTICAL



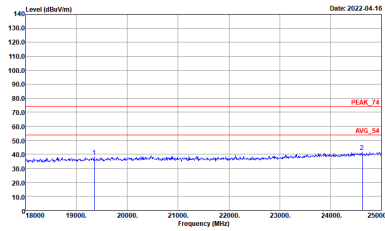
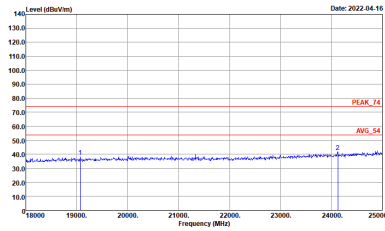
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE20 Full CH11 2462MHz	
4+3	Horizontal	Vertical
Peak Avg.	140.0 130.0 120.0 110.0 100.0 90.0 80.0 70.0 60.0 50.0 40.0 30.0 20.0 10.0 Level (dBuV/m) Date: 2022-04-12 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 HORIZONTAL	140.0 130.0 120.0 110.0 100.0 90.0 80.0 70.0 60.0 50.0 40.0 30.0 20.0 10.0 Level (dBuV/m) Date: 2022-04-12 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 VERTICAL

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE20 Full CH12 2467MHz	
4+3	Horizontal	Vertical
Peak Avg.	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 HORIZONTAL	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 VERTICAL



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE20 Full CH13 2472MHz	
4+3	Horizontal	Vertical
Peak Avg.	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 HORIZONTAL	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 VERTICAL

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

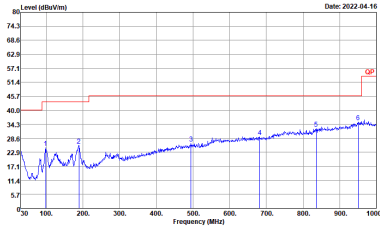
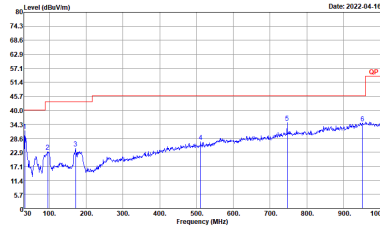
WIFI	2.4GHz 2400~2483.5MHz	
ANT	802.11g SHF	
4+3	Horizontal	Vertical
Peak Avg.	 Site : 03CH020-14V Condition : PEAK_74 1m SHF_00993_211130 HORIZONTAL	 Site : 03CH020-14V Condition : PEAK_74 1m SHF_00993_211130 VERTICAL



2.4GHz 2400~2483.5MHz

Emission below 1GHz

2.4GHz WIFI 802.11g (LF)

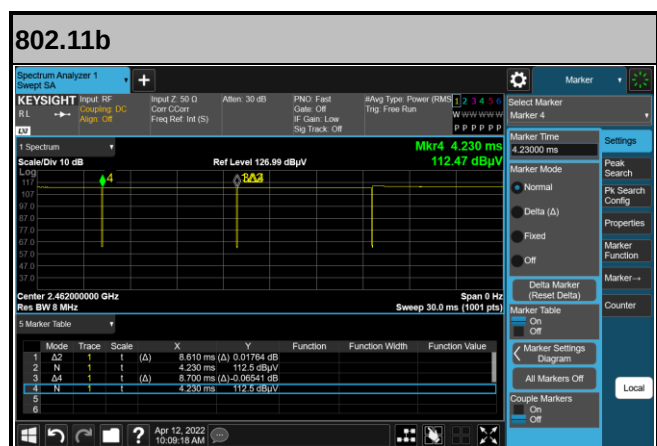
WIFI	2.4GHz 2400~2483.5MHz	
ANT	802.11g LF	
4+3	Horizontal	Vertical
QP / Peak	 Site : 03CH20-14V Condition : QP-3m LF_55606408_1101017 HORIZONTAL	 Site : 03CH20-14V Condition : QP-3m LF_55606408_1101017 VERTICAL



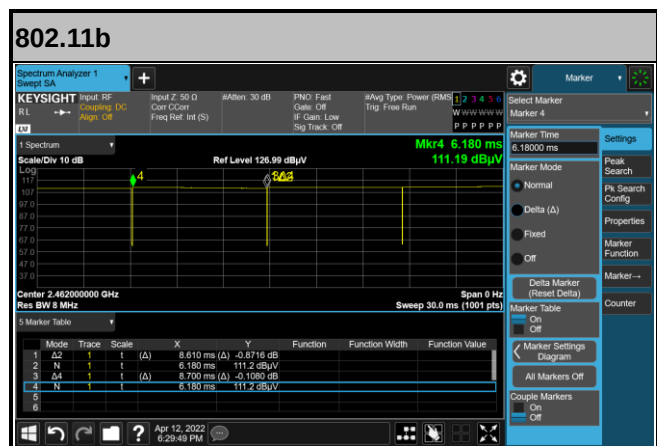
Appendix E. Duty Cycle Plots

Antenna	Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting
4	802.11b	98.97	-	-	10Hz
3	802.11b	98.97	-	-	10Hz
4+3	802.11g	93.59	1431	0.70	1kHz
4+3	2.4GHz 802.11ax HE20 Full RU	97.93	4740	0.21	300Hz

<Ant. 4>

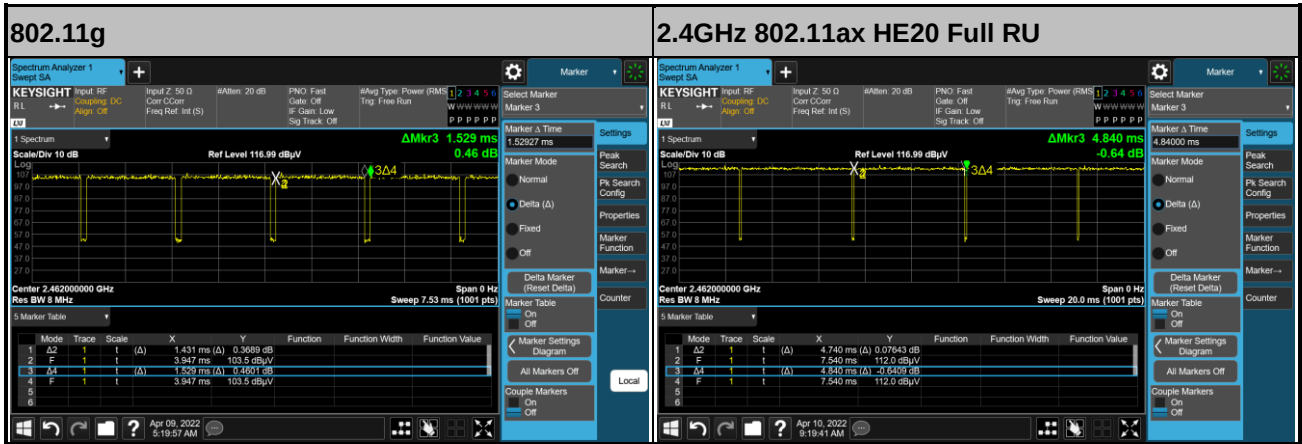


<Ant. 3>





MIMO <Ant. 4+3>



—THE END—