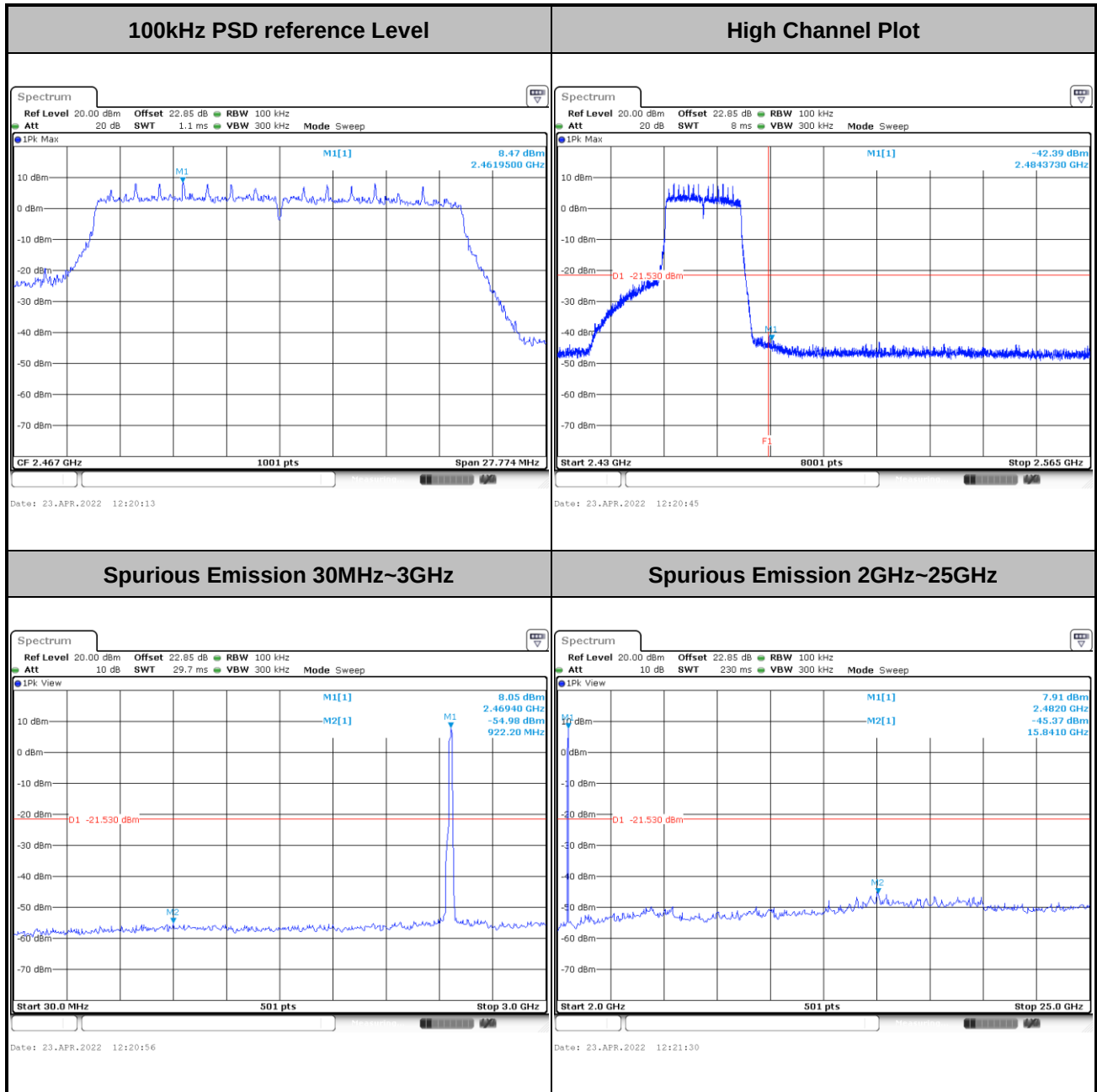


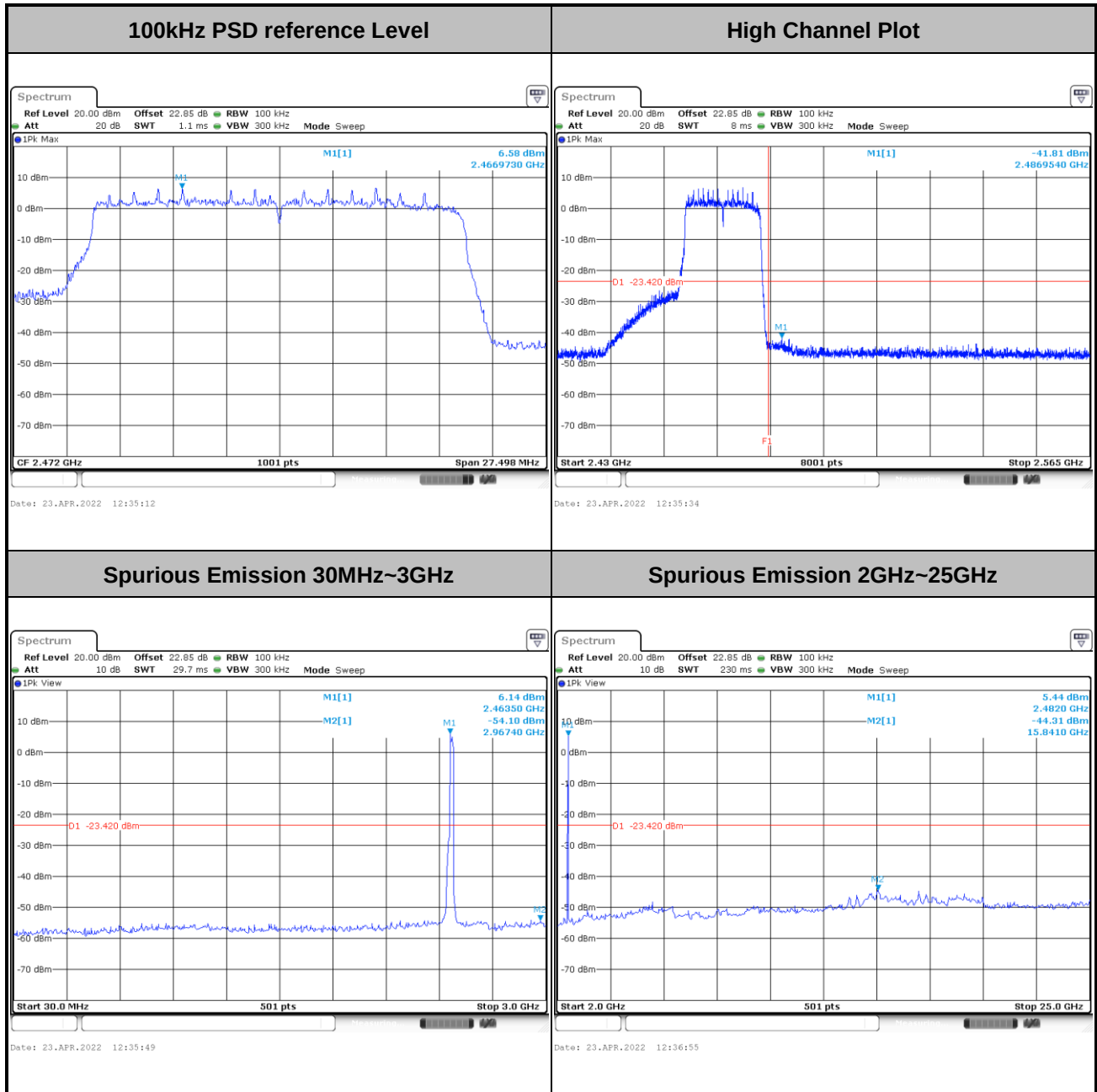


Test Mode :	802.11ax HE20	Test Channel :	12 Full RU
-------------	---------------	----------------	------------





Test Mode :	802.11ax HE20	Test Channel :	13 Full Ru
-------------	---------------	----------------	------------





Spectrum

Ref Level 20.00 dBm Offset 22.85 dB RBW 100 kHz
 Att 20 dB SWT 0 ms VBW 300 kHz Mode Sweep

1Pk Max

10 dBm
 0 dBm
 -10 dBm
 -20 dBm
 -30 dBm
 -40 dBm
 -50 dBm
 -60 dBm
 -70 dBm

M1[1]

-36.85 dBm
 2.4835290 GHz

O1 -23.420 dBm

F1

Start 2.43 GHz 8001 pts Stop 2.565 GHz

Date: 5 JUN 2022 00:11:10

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

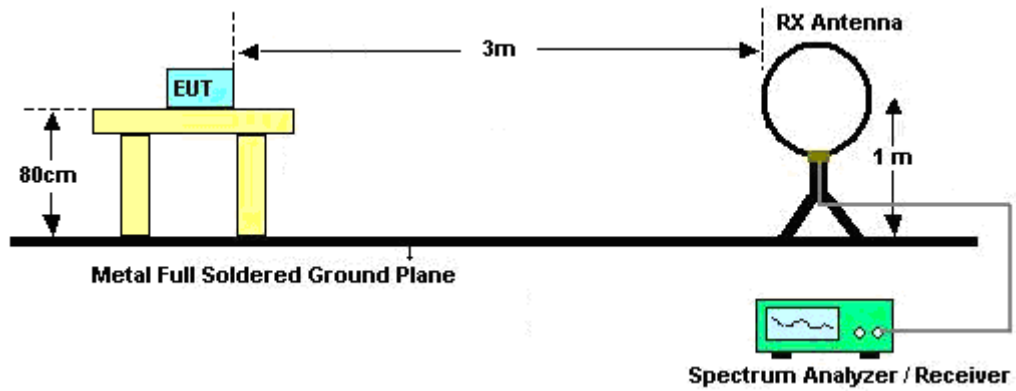
Please refer to the measuring equipment list in this test report.

3.5.3 Test Procedures

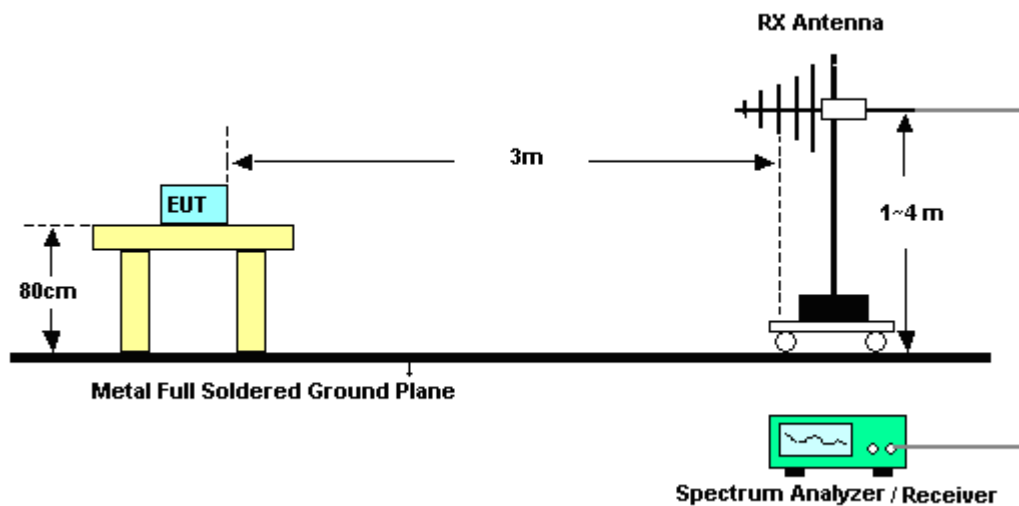
1. The testing follows the ANSI C63.10 Section 11.12.1 Radiated emission measurements.
2. The EUT is arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the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

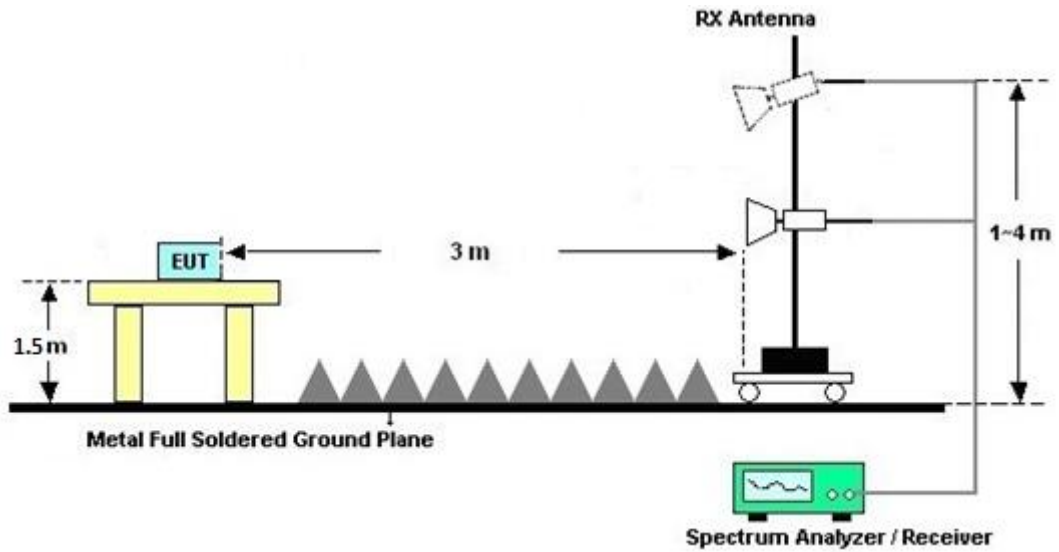
For radiated emissions below 30MHz



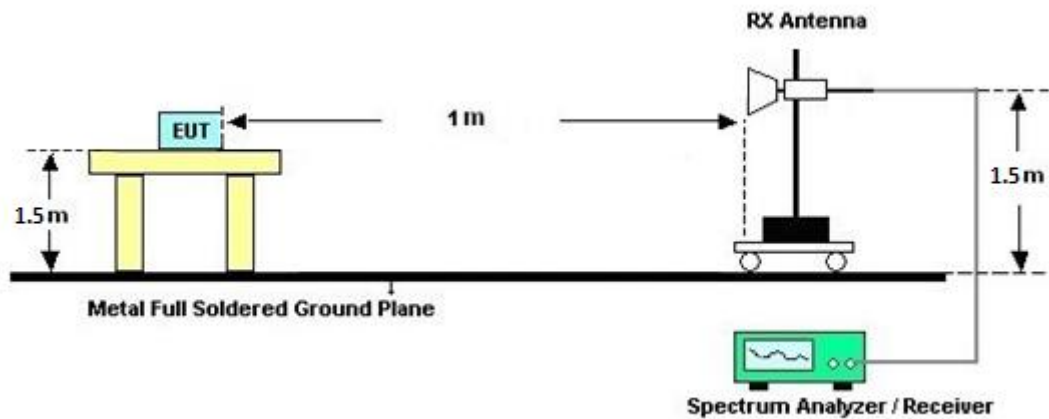
For radiated emissions from 30MHz to 1GHz



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.

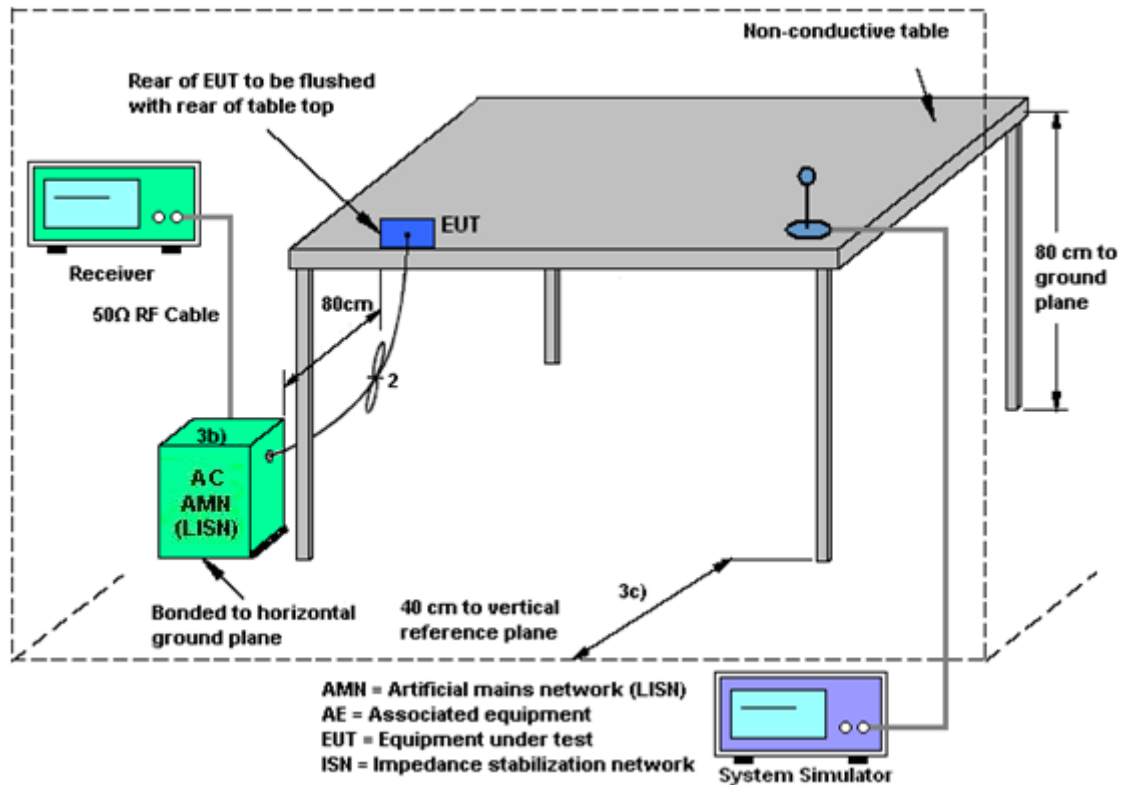
3.6.2 Measuring Instruments

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	-1.50	1.60	3.20	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

$$10 \times \log \left\{ \left[10^{\frac{1.60 \text{ dBi}}{20}} + 10^{\frac{-1.50 \text{ dBi}}{20}} \right]^2 \right\} / 2$$

= 3.20 dBi



4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Hygrometer	TECEP	DTM-303A	TP201996	N/A	Nov. 16, 2021	Mar. 29, 2022~ Apr. 23, 2022	Nov. 15, 2022	Conducted (TH05-HY)
Power Sensor	DARE	RPR3006W	16I00054SNO 12 (NO:113)	10MHz~6GHz	Dec. 16, 2021	Mar. 29, 2022~ Apr. 23, 2022	Dec. 15, 2022	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101566	10Hz~40GHz	Aug. 30, 2021	Mar. 29, 2022~ Apr. 23, 2022	Aug. 29, 2022	Conducted (TH05-HY)
Switch Control Mainframe	E-IUSTRUMENT	ETF-1405-0	EC1900067 (BOX7)	N/A	Aug. 12, 2021	Mar. 29, 2022~ Apr. 23, 2022	Aug. 11, 2022	Conducted (TH05-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~50 MHz	Jan. 07, 2022	Apr. 09, 2022~ Apr. 25, 2022	Jan. 06, 2023	Radiation (03CH11-HY)
Bilog Antenna	TESEQ	CBL 6111D & N-6-06	35414 & AT-N0602	30MHz~1GHz	Oct. 09, 2021	Apr. 09, 2022~ Apr. 25, 2022	Oct. 08, 2022	Radiation (03CH11-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-1326	1GHz ~ 18GHz	Oct. 25, 2021	Apr. 09, 2022~ Apr. 25, 2022	Oct. 24, 2022	Radiation (03CH11-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA9170	00993	18GHz~40GHz	Nov. 30, 2021	Apr. 09, 2022~ Apr. 25, 2022	Nov. 29, 2022	Radiation (03CH11-HY)
Amplifier	SONOMA	310N	187312	9kHz~1GHz	Dec. 10, 2021	Apr. 09, 2022~ Apr. 25, 2022	Dec. 09, 2022	Radiation (03CH11-HY)
Preamplifier	Keysight	83017A	MY53270080	1GHz~26.5GHz	Nov. 10, 2021	Apr. 09, 2022~ Apr. 25, 2022	Nov. 09, 2022	Radiation (03CH11-HY)
Preamplifier	Jet-Power	JPA0118-55-30 3	17100018000 55007	1GHz~18GHz	Jun. 16, 2021	Apr. 09, 2022~ Apr. 25, 2022	Jun. 15, 2022	Radiation (03CH11-HY)
Preamplifier	EMEC	EM18G40G	060801	18GHz~40GHz	Jun. 22, 2021	Apr. 09, 2022~ Apr. 25, 2022	Jun. 21, 2022	Radiation (03CH11-HY)
Spectrum Analyzer	Keysight	N9010A	MY54200486	10Hz~44GHz	Oct. 15, 2021	Apr. 09, 2022~ Apr. 25, 2022	Oct. 14, 2022	Radiation (03CH11-HY)
EMI Test Receiver	Keysight	N9038A(MXE)	MY55420170	20MHz~8.4GHz	Jul. 15, 2021	Apr. 09, 2022~ Apr. 25, 2022	Jul. 14, 2022	Radiation (03CH11-HY)
Controller	EMEC	EM 1000	N/A	Control Turn table & Ant Mast	N/A	Apr. 09, 2022~ Apr. 25, 2022	N/A	Radiation (03CH11-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1~4m	N/A	Apr. 09, 2022~ Apr. 25, 2022	N/A	Radiation (03CH11-HY)
Turn Table	EMEC	TT 2000	N/A	0~360 Degree	N/A	Apr. 09, 2022~ Apr. 25, 2022	N/A	Radiation (03CH11-HY)
Software	Audix	E3 6.2009-8-24	RK-001053	N/A	N/A	Apr. 09, 2022~ Apr. 25, 2022	N/A	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY2859/2	30MHz-40GHz	Mar. 10, 2022	Apr. 09, 2022~ Apr. 25, 2022	Mar. 09, 2023	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY9837/4PE	9kHz-30MHz	Mar. 10, 2022	Apr. 09, 2022~ Apr. 25, 2022	Mar. 09, 2023	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY9837/4PE	30MHz-18GHz	Mar. 10, 2022	Apr. 09, 2022~ Apr. 25, 2022	Mar. 09, 2023	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	811852/4	30MHz-18GHz	Mar. 10, 2022	Apr. 09, 2022~ Apr. 25, 2022	Mar. 09, 2023	Radiation (03CH11-HY)



Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Filter	Wainwright	WLK4-1000-1530-8000-40SS	SN11	1.53G Low Pass	Sep. 13, 2021	Apr. 09, 2022~ Apr. 25, 2022	Sep. 12, 2022	Radiation (03CH11-HY)
Filter	Wainwright	WHKX12-2700-3000-18000-60SS	SN3	3GHz High Pass Filter	Sep. 13, 2021	Apr. 09, 2022~ Apr. 25, 2022	Sep. 12, 2022	Radiation (03CH11-HY)
Filter	Wainwright	WHKX8-5872.5-6750-18000-40SS	SN3	6.75GHz High Pass Filter	Sep. 13, 2021	Apr. 09, 2022~ Apr. 25, 2022	Sep. 12, 2022	Radiation (03CH11-HY)
Filter	Wainwright	WHKX12-900-1000-15000-60SS	SN12	1GHz High Pass Filter	Nov. 04, 2021	Apr. 09, 2022~ Apr. 25, 2022	Nov. 03, 2022	Radiation (03CH11-HY)
Hygrometer	TECEPEL	DTM-303B	TP140325	N/A	Nov. 26, 2021	Apr. 09, 2022~ Apr. 25, 2022	Nov. 25, 2022	Radiation (03CH11-HY)
Hygrometer	TECEPEL	DTM-303B	TP200880	N/A	Sep. 30, 2021	Apr. 09, 2022~ Apr. 25, 2022	Sep. 29, 2022	Radiation (03CH11-HY)
AC Power Source	ACPOWER	AFC-11003G	F317040033	N/A	N/A	Apr. 22, 2022	N/A	Conduction (CO07-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Apr. 22, 2022	N/A	Conduction (CO07-HY)
Pulse Limiter	SCHWARZBECK	VTSD 9561-FN	9561-FN00373	9kHz-200MHz	Oct. 29, 2021	Apr. 22, 2022	Oct. 28, 2022	Conduction (CO07-HY)
RF Cable	HUBER + SUHNER	RG 214/U	1358175	9kHz~30MHz	Mar. 16, 2022	Apr. 22, 2022	Mar. 15, 2023	Conduction (CO07-HY)
Two-Line V-Network	TESEQ	NNB 51	45051	N/A	Feb. 16, 2022	Apr. 22, 2022	Feb. 15, 2023	Conduction (CO07-HY)
EMI Test Receiver	Rohde & Schwarz	ESC17	100724	9kHz~7GHz	Feb. 24, 2022	Apr. 22, 2022	Feb. 23, 2023	Conduction (CO07-HY)

5 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	2.3 dB
---	--------

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.8 dB
---	--------

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.4 dB
---	--------

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.9 dB
---	--------

Appendix A. Test Result of Conducted Test Items

Test Engineer:	Jacob Yu and Junyu Jhou	Temperature:	21~25	°C
Test Date:	2022/3/29~2022/4/23	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	13.29	13.39	8.57	8.07	0.50	Pass
11b	1Mbps	1	6	2437	13.34	13.39	8.07	8.10	0.50	Pass
11b	1Mbps	1	11	2462	13.49	13.49	8.60	8.58	0.50	Pass
11b	1Mbps	1	12	2467	13.54	13.54	9.07	8.57	0.50	Pass
11b	1Mbps	1	13	2472	13.39	13.39	8.58	8.09	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	18.33	18.13	15.77	15.77	0.50	Pass
11g	6Mbps	2	6	2437	19.83	19.33	16.34	16.37	0.50	Pass
11g	6Mbps	2	11	2462	18.68	18.33	15.76	15.77	0.50	Pass
11g	6Mbps	2	12	2467	18.78	18.43	16.09	16.34	0.50	Pass
11g	6Mbps	2	13	2472	18.03	17.88	16.11	16.37	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	22.85	22.65		30.00	30.00	1.60	-1.50	24.45	21.15	36.00	36.00	Pass
11b	1Mbps	1	6	2437	22.95	22.75		30.00	30.00	1.60	-1.50	24.55	21.25	36.00	36.00	Pass
11b	1Mbps	1	11	2462	22.85	22.85		30.00	30.00	1.60	-1.50	24.45	21.35	36.00	36.00	Pass
11b	1Mbps	1	12	2467	22.85	22.85		30.00	30.00	1.60	-1.50	24.45	21.35	36.00	36.00	Pass
11b	1Mbps	1	13	2472	22.75	22.45		30.00	30.00	1.60	-1.50	24.35	20.95	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	20.85	20.35	23.62	30.00		1.60		25.22		36.00		Pass
11g	6Mbps	2	6	2437	22.95	22.45	25.72	30.00		1.60		27.32		36.00		Pass
11g	6Mbps	2	11	2462	21.55	21.25	24.41	30.00		1.60		26.01		36.00		Pass
11g	6Mbps	2	12	2467	19.65	19.15	22.42	30.00		1.60		24.02		36.00		Pass
11g	6Mbps	2	13	2472	18.45	18.05	21.26	30.00		1.60		22.86		36.00		Pass
HT20	MCS0	2	1	2412	20.05	19.45	22.77	30.00		1.60		24.37		36.00		Pass
HT20	MCS0	2	6	2437	22.75	22.45	25.61	30.00		1.60		27.21		36.00		Pass
HT20	MCS0	2	11	2462	20.05	19.95	23.01	30.00		1.60		24.61		36.00		Pass
HT20	MCS0	2	12	2467	19.35	19.05	22.21	30.00		1.60		23.81		36.00		Pass
HT20	MCS0	2	13	2472	17.95	17.85	20.91	30.00		1.60		22.51		36.00		Pass
VHT20	MCS0	2	1	2412	20.15	19.55	22.87	30.00		1.60		24.47		36.00		Pass
VHT20	MCS0	2	6	2437	22.85	22.55	25.71	30.00		1.60		27.31		36.00		Pass
VHT20	MCS0	2	11	2462	20.15	20.05	23.11	30.00		1.60		24.71		36.00		Pass
VHT20	MCS0	2	12	2467	19.45	19.15	22.31	30.00		1.60		23.91		36.00		Pass
VHT20	MCS0	2	13	2472	18.05	17.95	21.01	30.00		1.60		22.61		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	0.98	0.57		1.60	-1.50	8.00	8.00	Pass
11b	1Mbps	1	6	2437	1.07	1.02		1.60	-1.50	8.00	8.00	Pass
11b	1Mbps	1	11	2462	1.37	1.10		1.60	-1.50	8.00	8.00	Pass
11b	1Mbps	1	12	2467	0.86	0.70		1.60	-1.50	8.00	8.00	Pass
11b	1Mbps	1	13	2472	0.79	0.33		1.60	-1.50	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	-4.89	-5.17	-1.88	3.20		8.00		Pass
11g	6Mbps	2	6	2437	-1.87	-2.55	1.14	3.20		8.00		Pass
11g	6Mbps	2	11	2462	-3.07	-3.50	-0.06	3.20		8.00		Pass
11g	6Mbps	2	12	2467	-5.24	-5.77	-2.23	3.20		8.00		Pass
11g	6Mbps	2	13	2472	-6.94	-7.46	-3.93	3.20		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	N _{TX}	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	19.63	19.63	18.58	18.36	0.50	Pass
HE20	MCS0	2	6	2437	Full	20.63	20.38	18.89	18.88	0.50	Pass
HE20	MCS0	2	11	2462	Full	19.78	19.68	18.06	17.96	0.50	Pass
HE20	MCS0	2	12	2467	Full	19.83	19.73	18.94	18.52	0.50	Pass
HE20	MCS0	2	13	2472	Full	19.43	19.43	18.59	18.33	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	20.25	19.65	22.97	30.00		1.60		24.57		36.00		Pass
HE20	MCS0	2	1	2412	26/0	11.35	11.55	14.46	30.00		1.60		16.06		36.00		Pass
HE20	MCS0	2	1	2412	52/37	13.65	13.45	16.56	30.00		1.60		18.16		36.00		Pass
HE20	MCS0	2	1	2412	106/53	16.25	15.85	19.06	30.00		1.60		20.66		36.00		Pass
HE20	MCS0	2	6	2437	Full	22.95	22.65	25.81	30.00		1.60		27.41		36.00		Pass
HE20	MCS0	2	6	2437	26/4	15.15	14.55	17.87	30.00		1.60		19.47		36.00		Pass
HE20	MCS0	2	6	2437	52/39	17.15	16.25	19.73	30.00		1.60		21.33		36.00		Pass
HE20	MCS0	2	6	2437	106/53	19.45	18.55	22.03	30.00		1.60		23.63		36.00		Pass
HE20	MCS0	2	11	2462	Full	20.25	20.15	23.21	30.00		1.60		24.81		36.00		Pass
HE20	MCS0	2	11	2462	26/8	12.25	12.05	15.16	30.00		1.60		16.76		36.00		Pass
HE20	MCS0	2	11	2462	52/40	14.25	14.05	17.16	30.00		1.60		18.76		36.00		Pass
HE20	MCS0	2	11	2462	106/54	16.55	16.65	19.61	30.00		1.60		21.21		36.00		Pass
HE20	MCS0	2	12	2467	Full	19.55	19.25	22.41	30.00		1.60		24.01		36.00		Pass
HE20	MCS0	2	12	2467	26/8	12.15	11.85	15.01	30.00		1.60		16.61		36.00		Pass
HE20	MCS0	2	12	2467	52/40	14.15	13.65	16.92	30.00		1.60		18.52		36.00		Pass
HE20	MCS0	2	12	2467	106/54	16.65	16.15	19.42	30.00		1.60		21.02		36.00		Pass
HE20	MCS0	2	13	2472	Full	18.15	18.05	21.11	30.00		1.60		22.71		36.00		Pass
HE20	MCS0	2	13	2472	26/8	9.75	10.15	12.96	30.00		1.60		14.56		36.00		Pass
HE20	MCS0	2	13	2472	52/40	12.65	12.85	15.76	30.00		1.60		17.36		36.00		Pass
HE20	MCS0	2	13	2472	106/54	15.85	15.55	18.71	30.00		1.60		20.31		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	-6.92	-6.97	-3.91	3.20		8.00		Pass
HE20	MCS0	2	1	2412	26/0	-7.03	-7.18	-4.02	3.20		8.00		Pass
HE20	MCS0	2	1	2412	52/37	-7.04	-7.41	-4.03	3.20		8.00		Pass
HE20	MCS0	2	1	2412	106/53	-7.31	-7.46	-4.30	3.20		8.00		Pass
HE20	MCS0	2	6	2437	Full	-3.47	-3.99	-0.46	3.20		8.00		Pass
HE20	MCS0	2	6	2437	26/4	-3.51	-4.05	-0.50	3.20		8.00		Pass
HE20	MCS0	2	6	2437	52/39	-3.62	-4.37	-0.61	3.20		8.00		Pass
HE20	MCS0	2	6	2437	106/53	-3.78	-4.03	-0.77	3.20		8.00		Pass
HE20	MCS0	2	11	2462	Full	-5.66	-6.49	-2.65	3.20		8.00		Pass
HE20	MCS0	2	11	2462	26/8	-5.97	-6.51	-2.96	3.20		8.00		Pass
HE20	MCS0	2	11	2462	52/40	-6.01	-6.67	-3.00	3.20		8.00		Pass
HE20	MCS0	2	11	2462	106/54	-6.09	-6.59	-3.08	3.20		8.00		Pass
HE20	MCS0	2	12	2467	Full	-6.35	-6.79	-3.34	3.20		8.00		Pass
HE20	MCS0	2	12	2467	26/8	-6.64	-7.15	-3.63	3.20		8.00		Pass
HE20	MCS0	2	12	2467	52/40	-6.49	-7.29	-3.48	3.20		8.00		Pass
HE20	MCS0	2	12	2467	106/54	-6.59	-7.32	-3.58	3.20		8.00		Pass
HE20	MCS0	2	13	2472	Full	-7.34	-7.44	-4.33	3.20		8.00		Pass
HE20	MCS0	2	13	2472	26/8	-7.59	-7.96	-4.58	3.20		8.00		Pass
HE20	MCS0	2	13	2472	52/40	-7.37	-7.46	-4.36	3.20		8.00		Pass
HE20	MCS0	2	13	2472	106/54	-7.35	-7.75	-4.34	3.20		8.00		Pass

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



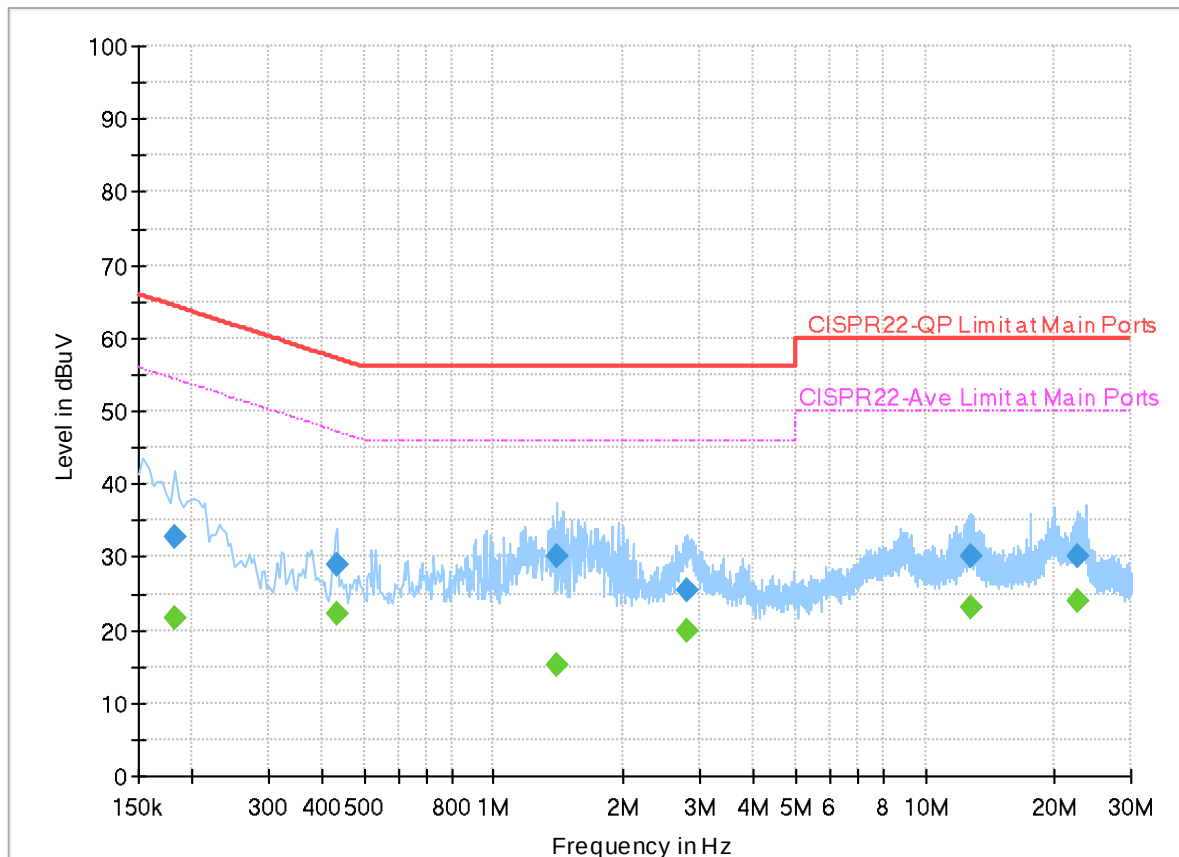
Appendix B. AC Conducted Emission Test Results

Test Engineer :	Louis Chung	Temperature :	24.7~27.8℃
		Relative Humidity :	45.2~63.8%

EUT Information

Report NO : 1O2843-06
Test Mode : Mode 1
Test Voltage : 120Vac/60Hz
Phase : Line

Full Spectrum



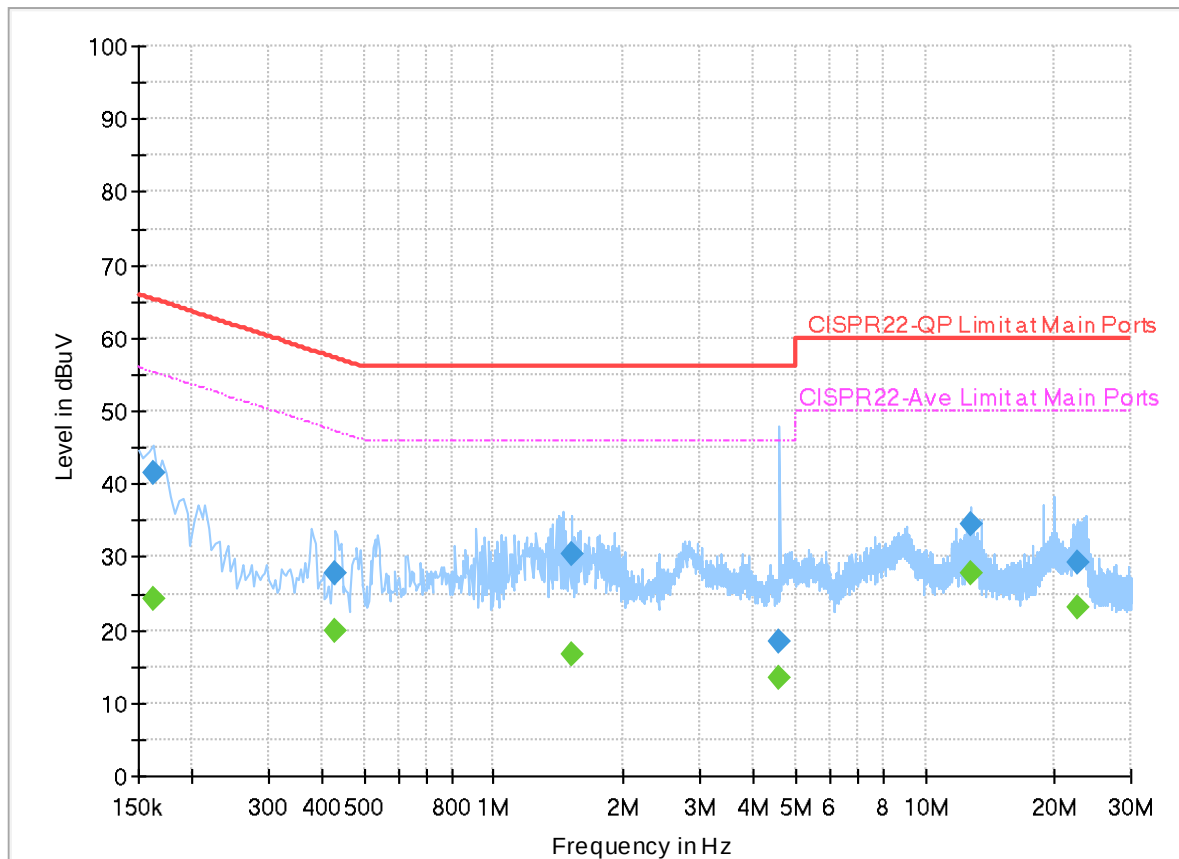
Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.182000	---	21.54	54.39	32.85	L1	OFF	20.0
0.182000	32.69	---	64.39	31.70	L1	OFF	20.0
0.434000	---	22.19	47.18	24.99	L1	OFF	20.0
0.434000	28.94	---	57.18	28.24	L1	OFF	20.0
1.402000	---	15.34	46.00	30.66	L1	OFF	20.0
1.402000	30.02	---	56.00	25.98	L1	OFF	20.0
2.802000	---	20.01	46.00	25.99	L1	OFF	20.0
2.802000	25.34	---	56.00	30.66	L1	OFF	20.0
12.754000	---	23.22	50.00	26.78	L1	OFF	20.2
12.754000	29.99	---	60.00	30.01	L1	OFF	20.2
22.486000	---	24.05	50.00	25.95	L1	OFF	20.3
22.486000	30.05	---	60.00	29.95	L1	OFF	20.3

EUT Information

Report NO : 1O2843-06
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)
0.162000	---	24.28	55.36	31.08	N	OFF	20.0
0.162000	41.49	---	65.36	23.87	N	OFF	20.0
0.430000	---	19.83	47.25	27.42	N	OFF	20.0
0.430000	27.67	---	57.25	29.58	N	OFF	20.0
1.518000	---	16.55	46.00	29.45	N	OFF	20.0
1.518000	30.29	---	56.00	25.71	N	OFF	20.0
4.602000	---	13.32	46.00	32.68	N	OFF	20.1
4.602000	18.54	---	56.00	37.46	N	OFF	20.1
12.766000	---	27.83	50.00	22.17	N	OFF	20.2
12.766000	34.45	---	60.00	25.55	N	OFF	20.2
22.658000	---	23.01	50.00	26.99	N	OFF	20.3
22.658000	29.35	---	60.00	30.65	N	OFF	20.3



Appendix C. Radiated Spurious Emission

Test Engineer :	Theodore, Fu Chen, Troye Hsieh	Temperature :	20.1~21.8°C
		Relative Humidity :	56.1~66.8%



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		2389.065	53.6	-20.4	74	42.87	27.62	17.06	33.95	100	28	P	H
		2389.065	43.37	-10.63	54	32.64	27.62	17.06	33.95	100	28	A	H
	*	2412	112.63	-	-	101.9	27.58	17.09	33.94	100	28	P	H
	*	2412	109.58	-	-	98.85	27.58	17.09	33.94	100	28	A	H
													H
													H
		2356.305	52.8	-21.2	74	42.04	27.69	17.03	33.96	394	129	P	V
		2387.175	42.13	-11.87	54	31.39	27.63	17.06	33.95	394	129	A	V
	*	2412	107.98	-	-	97.25	27.58	17.09	33.94	394	129	P	V
	*	2412	104.97	-	-	94.24	27.58	17.09	33.94	394	129	A	V
													V
													V
802.11b CH 06 2437MHz		2380.08	52.6	-21.4	74	41.86	27.64	17.05	33.95	100	29	P	H
		2388.56	41.58	-12.42	54	30.85	27.62	17.06	33.95	100	29	A	H
	*	2437	112.16	-	-	101.44	27.53	17.13	33.94	100	29	P	H
	*	2437	109.05	-	-	98.33	27.53	17.13	33.94	100	29	A	H
		2500	52.96	-21.04	74	42.25	27.4	17.23	33.92	100	29	P	H
		2485.44	41.63	-12.37	54	30.92	27.43	17.2	33.92	100	29	A	H
		2356.56	52.73	-21.27	74	41.97	27.69	17.03	33.96	341	111	P	V
		2314.16	41.55	-12.45	54	30.69	27.84	16.99	33.97	341	111	A	V
	*	2437	107.65	-	-	96.93	27.53	17.13	33.94	341	111	P	V
	*	2437	104.38	-	-	93.66	27.53	17.13	33.94	341	111	A	V
		2488.96	52.95	-21.05	74	42.24	27.42	17.21	33.92	341	111	P	V
		2485.36	41.56	-12.44	54	30.85	27.43	17.2	33.92	341	111	A	V



802.11b CH 11 2462MHz	*	2462	112.31	-	-	101.59	27.48	17.17	33.93	100	33	P	H
	*	2462	109.41	-	-	98.69	27.48	17.17	33.93	100	33	A	H
		2484.72	53.67	-20.33	74	42.96	27.43	17.2	33.92	100	33	P	H
		2484.68	42.5	-11.5	54	31.79	27.43	17.2	33.92	100	33	A	H
													H
													H
	*	2462	108.1	-	-	97.38	27.48	17.17	33.93	372	128	P	V
	*	2460	104.8	-	-	94.09	27.48	17.16	33.93	372	128	A	V
		2495.56	52.49	-21.51	74	41.78	27.41	17.22	33.92	372	128	P	V
		2484.68	41.95	-12.05	54	31.24	27.43	17.2	33.92	372	128	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	112.17	-	-	101.46	27.47	17.17	33.93	100	28	P	H
	*	2467	108.67	-	-	97.96	27.47	17.17	33.93	100	28	A	H
		2484.24	54.18	-19.82	74	43.47	27.43	17.2	33.92	100	28	P	H
		2483.96	44.31	-9.69	54	33.6	27.43	17.2	33.92	100	28	A	H
													H
													H
	*	2467	107.99	-	-	97.28	27.47	17.17	33.93	373	128	P	V
	*	2467	104.64	-	-	93.93	27.47	17.17	33.93	373	128	A	V
		2483.8	53.42	-20.58	74	42.71	27.43	17.2	33.92	373	128	P	V
		2483.56	42.67	-11.33	54	31.96	27.43	17.2	33.92	373	128	A	V
													V
													V
802.11b CH 13 2472MHz	*	2472	111.74	-	-	101.03	27.46	17.18	33.93	124	26	P	H
	*	2472	108.47	-	-	97.76	27.46	17.18	33.93	124	26	A	H
		2486.52	56.3	-17.7	74	45.59	27.43	17.2	33.92	124	26	P	H
		2486.64	49.26	-4.74	54	38.55	27.43	17.2	33.92	124	26	A	H
													H
													H
	*	2472	107.61	-	-	96.9	27.46	17.18	33.93	375	131	P	V
	*	2472	104.33	-	-	93.62	27.46	17.18	33.93	375	131	A	V
		2485.48	55.17	-18.83	74	44.46	27.43	17.2	33.92	375	131	P	V
		2486.68	45.29	-8.71	54	34.58	27.43	17.2	33.92	375	131	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	44.81	-29.19	74	60.55	31.25	11.47	58.46	100	57	P	H
		4824	43.74	-10.26	54	59.48	31.25	11.47	58.46	100	57	A	H
		10950	48.47	-25.53	74	52.31	40.25	17.35	61.44	-	-	P	H
		10950	36.17	-17.83	54	40.01	40.25	17.35	61.44	-	-	A	H
		14475	49.09	-24.91	74	50.01	41.3	20.81	63.03	-	-	P	H
		14475	40.2	-13.8	54	41.12	41.3	20.81	63.03	-	-	A	H
		17970	54	-20	74	41.34	46.32	23.01	56.67	-	-	P	H
		17970	43.21	-10.79	54	30.55	46.32	23.01	56.67	-	-	A	H
													H
													H
													H
													H
		4824	41.13	-32.87	74	56.87	31.25	11.47	58.46	350	72	P	V
		4824	37.97	-16.03	54	53.71	31.25	11.47	58.46	350	72	A	V
		11025	48.5	-25.5	74	52.41	40.2	17.42	61.53	-	-	P	V
		11025	36.32	-17.68	54	40.23	40.2	17.42	61.53	-	-	A	V
		14500	49.52	-24.48	74	50.38	41.3	20.84	63	-	-	P	V
		14500	40.24	-13.76	54	41.1	41.3	20.84	63	-	-	A	V
		17910	52.98	-21.02	74	41.48	45.36	22.96	56.82	-	-	P	V
		17910	42.56	-11.44	54	31.06	45.36	22.96	56.82	-	-	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 06 2437MHz		4874	38.37	-35.63	74	53.96	31.25	11.63	58.47	-	-	P	H
		7311	41	-33	74	50.17	36.6	13.41	59.18	-	-	P	H
		11040	47.95	-26.05	74	51.93	40.14	17.43	61.55	-	-	P	H
		14475	47.98	-26.02	74	48.9	41.3	20.81	63.03	-	-	P	H
		17985	52.38	-21.62	74	39.43	46.56	23.03	56.64	-	-	P	H
		17985	43.58	-10.42	54	30.63	46.56	23.03	56.64	-	-	A	H
													H
													H
													H
													H
													H
													H
		4874	38.31	-35.69	74	53.9	31.25	11.63	58.47	-	-	P	V
		7311	41.37	-32.63	74	50.54	36.6	13.41	59.18	-	-	P	V
		10995	47.34	-26.66	74	51.13	40.29	17.41	61.49	-	-	P	V
		14475	48.48	-25.52	74	49.4	41.3	20.81	63.03	-	-	P	V
		14475	40.27	-13.73	54	41.19	41.3	20.81	63.03	-	-	A	V
		17985	52.33	-21.67	74	39.38	46.56	23.03	56.64	-	-	P	V
		17985	43.98	-10.02	54	31.03	46.56	23.03	56.64	-	-	A	V
													V
													V
													V
													V
													V

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant. 4		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	Factor (dB/m)	Loss (dB)	Factor (dB)	Pos (cm)	Pos (deg)	Avg. (P/A)	(H/V)
802.11b CH 11 2462MHz		4924	37.65	-36.35	74	52.95	31.4	11.78	58.48	-	-	P	H
		7386	40.36	-33.64	74	49.25	36.6	13.66	59.15	-	-	P	H
		10965	46.86	-27.14	74	50.69	40.26	17.37	61.46	-	-	P	H
		14500	48.37	-25.63	74	49.23	41.3	20.84	63	-	-	P	H
		14500	40.27	-13.73	54	41.13	41.3	20.84	63	-	-	A	H
		17985	51.88	-22.12	74	38.93	46.56	23.03	56.64	-	-	P	H
		17985	43.47	-10.53	54	30.52	46.56	23.03	56.64	-	-	A	H
													H
													H
													H
													H
													H
		4924	39.53	-34.47	74	54.83	31.4	11.78	58.48	-	-	P	V
		7386	40.94	-33.06	74	49.83	36.6	13.66	59.15	-	-	P	V
		11055	47.93	-26.07	74	51.99	40.08	17.43	61.57	-	-	P	V
		14475	47.45	-26.55	74	48.37	41.3	20.81	63.03	-	-	P	V
		17985	52	-22	74	39.05	46.56	23.03	56.64	-	-	P	V
		17985	44.02	-9.98	54	31.07	46.56	23.03	56.64	-	-	A	V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												
	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	38.21	-35.79	74	53.45	31.44	11.81	58.49	-	-	P	H
		7401	39.45	-34.55	74	48.28	36.6	13.71	59.14	-	-	P	H
		10785	47.61	-26.39	74	51.57	40.16	17.12	61.24	-	-	P	H
		14475	47.62	-26.38	74	48.54	41.3	20.81	63.03	-	-	P	H
		17985	51.95	-22.05	74	39	46.56	23.03	56.64	-	-	P	H
		17985	43.8	-10.2	54	30.85	46.56	23.03	56.64	-	-	A	H
													H
													H
													H
													H
													H
													H
		4934	39.49	-34.51	74	54.73	31.44	11.81	58.49	-	-	P	V
		7401	40.77	-33.23	74	49.6	36.6	13.71	59.14	-	-	P	V
		11250	47.28	-26.72	74	51.92	39.65	17.51	61.8	-	-	P	V
		14490	48.63	-25.37	74	49.51	41.3	20.83	63.01	-	-	P	V
		14490	40.34	-13.66	54	41.22	41.3	20.83	63.01	-	-	A	V
		17985	53.86	-20.14	74	40.91	46.56	23.03	56.64	-	-	P	V
		17985	44.02	-9.98	54	31.07	46.56	23.03	56.64	-	-	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 13 2472MHz		4944	38.61	-35.39	74	53.78	31.48	11.84	58.49	-	-	P	H
		7416	40.96	-33.04	74	49.73	36.63	13.73	59.13	-	-	P	H
		10740	47.53	-26.47	74	51.64	40.02	17.06	61.19	-	-	P	H
		14505	47.46	-26.54	74	48.31	41.3	20.85	63	-	-	P	H
		17985	51.2	-22.8	74	38.25	46.56	23.03	56.64	-	-	P	H
		17985	43.14	-10.86	54	30.19	46.56	23.03	56.64	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
		4944	39.59	-34.41	74	54.76	31.48	11.84	58.49	-	-	P	V
		7416	41.14	-32.86	74	49.91	36.63	13.73	59.13	-	-	P	V
		10860	48.02	-25.98	74	51.92	40.2	17.23	61.33	-	-	P	V
		10860	36.41	-17.59	54	40.31	40.2	17.23	61.33	-	-	A	V
		14490	47.83	-26.17	74	48.71	41.3	20.83	63.01	-	-	P	V
		17985	53.17	-20.83	74	40.22	46.56	23.03	56.64	-	-	P	V
		17985	44.47	-9.53	54	31.52	46.56	23.03	56.64	-	-	A	V
													V
													V
													V
													V
												V	
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												
	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		2387.175	52.28	-21.72	74	41.54	27.63	17.06	33.95	351	141	P	H
		2387.175	42.64	-11.36	54	31.9	27.63	17.06	33.95	351	141	A	H
	*	2412	110.56	-	-	99.83	27.58	17.09	33.94	351	141	P	H
	*	2412	107.28	-	-	96.55	27.58	17.09	33.94	351	141	A	H
													H
													H
		2388.75	52.61	-21.39	74	41.88	27.62	17.06	33.95	400	67	P	V
		2387.07	42.57	-11.43	54	31.83	27.63	17.06	33.95	400	67	A	V
	*	2412	110.49	-	-	99.76	27.58	17.09	33.94	400	67	P	V
	*	2412	107.18	-	-	96.45	27.58	17.09	33.94	400	67	A	V
													V
													V
802.11b CH 06 2437MHz		2316.56	51.71	-22.29	74	40.86	27.83	16.99	33.97	209	3	P	H
		2318.8	40.86	-13.14	54	30.01	27.82	17	33.97	209	3	A	H
	*	2437	105.76	-	-	95.04	27.53	17.13	33.94	209	3	P	H
	*	2437	102.57	-	-	91.85	27.53	17.13	33.94	209	3	A	H
		2495.68	51.68	-22.32	74	40.97	27.41	17.22	33.92	209	3	P	H
		2485.12	40.91	-13.09	54	30.2	27.43	17.2	33.92	209	3	A	H
		2377.68	52.57	-21.43	74	41.83	27.64	17.05	33.95	385	69	P	V
		2386.8	40.9	-13.1	54	30.16	27.63	17.06	33.95	385	69	A	V
	*	2437	111.32	-	-	100.6	27.53	17.13	33.94	385	69	P	V
	*	2437	108.08	-	-	97.36	27.53	17.13	33.94	385	69	A	V
		2486.24	51.97	-22.03	74	41.26	27.43	17.2	33.92	385	69	P	V
		2483.68	40.95	-13.05	54	30.24	27.43	17.2	33.92	385	69	A	V



802.11b CH 11 2462MHz	*	2462	112.43	-	-	101.71	27.48	17.17	33.93	100	141	P	H
	*	2462	109.31	-	-	98.59	27.48	17.17	33.93	100	141	A	H
		2484.08	53.43	-20.57	74	42.72	27.43	17.2	33.92	100	141	P	H
		2483.52	42.81	-11.19	54	32.1	27.43	17.2	33.92	100	141	A	H
													H
													H
	*	2462	110.79	-	-	100.07	27.48	17.17	33.93	333	80	P	V
	*	2462	107.7	-	-	96.98	27.48	17.17	33.93	333	80	A	V
		2483.92	52.6	-21.4	74	41.89	27.43	17.2	33.92	333	80	P	V
		2484.56	42.14	-11.86	54	31.43	27.43	17.2	33.92	333	80	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	112.52	-	-	101.81	27.47	17.17	33.93	100	143	P	H
	*	2467	109.17	-	-	98.46	27.47	17.17	33.93	100	143	A	H
		2483.6	55.29	-18.71	74	44.58	27.43	17.2	33.92	100	143	P	H
		2483.6	45.15	-8.85	54	34.44	27.43	17.2	33.92	100	143	A	H
													H
													H
	*	2467	110.75	-	-	100.04	27.47	17.17	33.93	381	81	P	V
	*	2467	107.45	-	-	96.74	27.47	17.17	33.93	381	81	A	V
		2487	53.79	-20.21	74	43.08	27.43	17.2	33.92	381	81	P	V
		2484.24	44.02	-9.98	54	33.31	27.43	17.2	33.92	381	81	A	V
													V
													V
802.11b CH 13 2472MHz	*	2472	111.24	-	-	100.53	27.46	17.18	33.93	115	140	P	H
	*	2472	108.17	-	-	97.46	27.46	17.18	33.93	115	140	A	H
		2484.88	57.17	-16.83	74	46.46	27.43	17.2	33.92	115	140	P	H
		2485.72	49.09	-4.91	54	38.38	27.43	17.2	33.92	115	140	A	H
													H
													H
	*	2472	108.72	-	-	98.01	27.46	17.18	33.93	330	71	P	V
	*	2472	105.59	-	-	94.88	27.46	17.18	33.93	330	71	A	V
		2483.64	55.41	-18.59	74	44.7	27.43	17.2	33.92	330	71	P	V
		2485.68	46.74	-7.26	54	36.03	27.43	17.2	33.92	330	71	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	37.89	-36.11	74	53.63	31.25	11.47	58.46	-	-	P	H
		10950	47.77	-26.23	74	51.61	40.25	17.35	61.44	-	-	P	H
		14490	47.17	-26.83	74	48.05	41.3	20.83	63.01	-	-	P	H
		17985	52.17	-21.83	74	39.22	46.56	23.03	56.64	-	-	P	H
		17985	43.8	-10.2	54	30.85	46.56	23.03	56.64	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
		4824	38.15	-35.85	74	53.89	31.25	11.47	58.46	-	-	P	V
		10980	48.56	-25.44	74	52.37	40.28	17.39	61.48	-	-	P	V
		10980	36.71	-17.29	54	40.52	40.28	17.39	61.48	-	-	A	V
		14475	48.65	-25.35	74	49.57	41.3	20.81	63.03	-	-	P	V
		14475	40.24	-13.76	54	41.16	41.3	20.81	63.03	-	-	A	V
		17925	51.51	-22.49	74	39.72	45.6	22.97	56.78	-	-	P	V
		17925	42.86	-11.14	54	31.07	45.6	22.97	56.78	-	-	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	36.62	-37.38	74	52.21	31.25	11.63	58.47	-	-	P	H
		7311	40.51	-33.49	74	49.68	36.6	13.41	59.18	-	-	P	H
		11130	47.34	-26.66	74	51.73	39.81	17.46	61.66	-	-	P	H
		14500	47.65	-26.35	74	48.51	41.3	20.84	63	-	-	P	H
		17985	52.87	-21.13	74	39.92	46.56	23.03	56.64	-	-	P	H
		17985	43.43	-10.57	54	30.48	46.56	23.03	56.64	-	-	A	H
													H
													H
													H
													H
													H
													H
		4874	38.27	-35.73	74	53.86	31.25	11.63	58.47	-	-	P	V
		7311	40.33	-33.67	74	49.5	36.6	13.41	59.18	-	-	P	V
		11055	47.48	-26.52	74	51.54	40.08	17.43	61.57	-	-	P	V
		14500	48.84	-25.16	74	49.7	41.3	20.84	63	-	-	P	V
		14500	40.21	-13.79	54	41.07	41.3	20.84	63	-	-	A	V
		17985	52.48	-21.52	74	39.53	46.56	23.03	56.64	-	-	P	V
		17985	44.05	-9.95	54	31.1	46.56	23.03	56.64	-	-	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 11 2462MHz		4924	38.2	-35.8	74	53.5	31.4	11.78	58.48	-	-	P	H	
		7386	39.88	-34.12	74	48.77	36.6	13.66	59.15	-	-	P	H	
		11055	47.74	-26.26	74	51.8	40.08	17.43	61.57	-	-	P	H	
		14490	47.96	-26.04	74	48.84	41.3	20.83	63.01	-	-	P	H	
		17910	51.25	-22.75	74	39.75	45.36	22.96	56.82	-	-	P	H	
		17910	42.09	-11.91	54	30.59	45.36	22.96	56.82	-	-	A	H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
			4924	39.02	-34.98	74	54.32	31.4	11.78	58.48	-	-	P	V
			7386	39.73	-34.27	74	48.62	36.6	13.66	59.15	-	-	P	V
			11055	48.43	-25.57	74	52.49	40.08	17.43	61.57	-	-	P	V
			11055	36.47	-17.53	54	40.53	40.08	17.43	61.57	-	-	A	V
			14475	47.37	-26.63	74	48.29	41.3	20.81	63.03	-	-	P	V
			17985	52.21	-21.79	74	39.26	46.56	23.03	56.64	-	-	P	V
			17985	44.03	-9.97	54	31.08	46.56	23.03	56.64	-	-	A	V
														V
														V
														V
														V
													V	
Remark	1. No other spurious found.													
	2. All results are PASS against Peak and Average limit line.													
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.													
	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	38.61	-35.39	74	53.85	31.44	11.81	58.49	-	-	P	H
		7401	40.42	-33.58	74	49.25	36.6	13.71	59.14	-	-	P	H
		10995	47.15	-26.85	74	50.94	40.29	17.41	61.49	-	-	P	H
		14490	48.19	-25.81	74	49.07	41.3	20.83	63.01	-	-	P	H
		14490	40.15	-13.85	54	41.03	41.3	20.83	63.01	-	-	A	H
		17985	51.23	-22.77	74	38.28	46.56	23.03	56.64	-	-	P	H
		17985	43.53	-10.47	54	30.58	46.56	23.03	56.64	-	-	A	H
													H
													H
													H
													H
													H
		4934	37.95	-36.05	74	53.19	31.44	11.81	58.49	-	-	P	V
		7401	40.97	-33.03	74	49.8	36.6	13.71	59.14	-	-	P	V
		11220	48.04	-25.96	74	52.68	39.62	17.5	61.76	-	-	P	V
		11220	35.88	-18.12	54	40.52	39.62	17.5	61.76	-	-	A	V
		14475	48.07	-25.93	74	48.99	41.3	20.81	63.03	-	-	P	V
		14475	40.17	-13.83	54	41.09	41.3	20.81	63.03	-	-	A	V
		17985	52.35	-21.65	74	39.4	46.56	23.03	56.64	-	-	P	V
		17985	44	-10	54	31.05	46.56	23.03	56.64	-	-	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	38.49	-35.51	74	53.66	31.48	11.84	58.49	-	-	P	H
		7416	41.19	-32.81	74	49.96	36.63	13.73	59.13	-	-	P	H
		11400	47.19	-26.81	74	51.7	39.9	17.57	61.98	-	-	P	H
		14500	47.52	-26.48	74	48.38	41.3	20.84	63	-	-	P	H
		17985	51.15	-22.85	74	38.2	46.56	23.03	56.64	-	-	P	H
		17985	43.8	-10.2	54	30.85	46.56	23.03	56.64	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
		4944	40.03	-33.97	74	55.2	31.48	11.84	58.49	-	-	P	V
		7416	41.45	-32.55	74	50.22	36.63	13.73	59.13	-	-	P	V
		10995	48.09	-25.91	74	51.88	40.29	17.41	61.49	-	-	P	V
		10995	36.41	-17.59	54	40.2	40.29	17.41	61.49	-	-	A	V
		14490	48.28	-25.72	74	49.16	41.3	20.83	63.01	-	-	P	V
		14490	40.12	-13.88	54	41	41.3	20.83	63.01	-	-	A	V
		17970	51.89	-22.11	74	39.23	46.32	23.01	56.67	-	-	P	V
	17970	43.71	-10.29	54	31.05	46.32	23.01	56.67	-	-	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		2389.905	61.27	-12.73	74	50.31	27.62	17.29	33.95	100	103	P	H
		2390	51.79	-2.21	54	40.83	27.62	17.29	33.95	100	103	A	H
	*	2412	113.8	-	-	102.84	27.58	17.32	33.94	100	103	P	H
	*	2412	106.44	-	-	95.48	27.58	17.32	33.94	100	103	A	H
													H
													H
		2390	60.11	-13.89	74	49.15	27.62	17.29	33.95	400	61	P	V
		2390	50.83	-3.17	54	39.87	27.62	17.29	33.95	400	61	A	V
	*	2412	110.66	-	-	99.7	27.58	17.32	33.94	400	61	P	V
	*	2412	103.41	-	-	92.45	27.58	17.32	33.94	400	61	A	V
													V
													V
802.11g CH 06 2437MHz		2387.92	56.1	-17.9	74	45.15	27.62	17.28	33.95	100	140	P	H
		2389.52	44.47	-9.53	54	33.51	27.62	17.29	33.95	100	140	A	H
	*	2437	116.71	-	-	105.76	27.53	17.36	33.94	100	140	P	H
	*	2437	108.93	-	-	97.98	27.53	17.36	33.94	100	140	A	H
		2483.68	57.46	-16.54	74	46.52	27.43	17.43	33.92	100	140	P	H
		2483.68	44.77	-9.23	54	33.83	27.43	17.43	33.92	100	140	A	H
		2388.72	55.87	-18.13	74	44.91	27.62	17.29	33.95	386	62	P	V
		2389.84	43.87	-10.13	54	32.91	27.62	17.29	33.95	386	62	A	V
	*	2437	115.75	-	-	104.8	27.53	17.36	33.94	386	62	P	V
	*	2437	108.36	-	-	97.41	27.53	17.36	33.94	386	62	A	V
		2484.96	54.84	-19.16	74	43.9	27.43	17.43	33.92	386	62	P	V
		2483.84	44.27	-9.73	54	33.33	27.43	17.43	33.92	386	62	A	V



802.11g CH 11 2462MHz	*	2462	111.19	-	-	100.25	27.48	17.39	33.93	100	326	P	H
	*	2462	103.71	-	-	92.77	27.48	17.39	33.93	100	326	A	H
		2484	59.94	-14.06	74	49	27.43	17.43	33.92	100	326	P	H
		2483.92	49.74	-4.26	54	38.8	27.43	17.43	33.92	100	326	A	H
													H
													H
	*	2462	110.58	-	-	99.64	27.48	17.39	33.93	375	73	P	V
	*	2462	103.15	-	-	92.21	27.48	17.39	33.93	375	73	A	V
		2484.12	60.86	-13.14	74	49.92	27.43	17.43	33.92	375	73	P	V
		2483.64	49.73	-4.27	54	38.79	27.43	17.43	33.92	375	73	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	112.16	-	-	101.22	27.47	17.4	33.93	100	142	P	H
	*	2467	102.53	-	-	91.59	27.47	17.4	33.93	100	142	A	H
		2483.64	61.05	-12.95	74	50.11	27.43	17.43	33.92	100	142	P	H
		2483.52	51.22	-2.78	54	40.28	27.43	17.43	33.92	100	142	A	H
													H
													H
	*	2467	110.64	-	-	99.7	27.47	17.4	33.93	374	62	P	V
	*	2467	102.97	-	-	92.03	27.47	17.4	33.93	374	62	A	V
		2483.56	59.27	-14.73	74	48.33	27.43	17.43	33.92	374	62	P	V
		2483.52	49.91	-4.09	54	38.97	27.43	17.43	33.92	374	62	A	V
													V
													V
802.11g CH 13 2472MHz	*	2472	110.15	-	-	99.21	27.46	17.41	33.93	119	92	P	H
	*	2472	102.51	-	-	91.57	27.46	17.41	33.93	119	92	A	H
		2483.64	60.72	-13.28	74	49.78	27.43	17.43	33.92	119	92	P	H
		2483.52	50.46	-3.54	54	39.52	27.43	17.43	33.92	119	92	A	H
													H
													H
	*	2472	108.23	-	-	97.29	27.46	17.41	33.93	300	88	P	V
	*	2472	100.81	-	-	89.87	27.46	7.48	33.93	300	88	A	V
		2484.08	59.71	-14.29	74	48.77	27.43	17.43	33.92	300	88	P	V
		2483.76	48.04	-5.96	54	37.1	27.43	17.43	33.92	300	88	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		4824	40.58	-33.42	74	56.32	31.25	11.47	58.46	100	65	P	H
		4824	39.23	-14.77	54	54.97	31.25	11.47	58.46	100	65	A	H
		10965	48.44	-25.56	74	52.27	40.26	17.37	61.46	-	-	P	H
		10965	36.26	-17.74	54	40.09	40.26	17.37	61.46	-	-	A	H
		14490	48.86	-25.14	74	49.74	41.3	20.83	63.01	-	-	P	H
		14490	40.34	-13.66	54	41.22	41.3	20.83	63.01	-	-	A	H
		17940	52.64	-21.36	74	40.55	45.84	22.99	56.74	-	-	P	H
		17940	42.97	-11.03	54	30.88	45.84	22.99	56.74	-	-	A	H
													H
													H
													H
													H
		4824	38.54	-35.46	74	54.28	31.25	11.47	58.46	-	-	P	V
		11580	47.54	-26.46	74	52.4	39.74	17.64	62.24	-	-	P	V
		14490	47.93	-26.07	74	48.81	41.3	20.83	63.01	-	-	P	V
		17970	52.62	-21.38	74	39.96	46.32	23.01	56.67	-	-	P	V
		17970	43.71	-10.29	54	31.05	46.32	23.01	56.67	-	-	A	V
													V
													V
													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	38.28	-35.72	74	53.87	31.25	11.63	58.47	-	-	P	H
		7311	40.29	-33.71	74	49.46	36.6	13.41	59.18	-	-	P	H
		10965	47.9	-26.1	74	51.73	40.26	17.37	61.46	-	-	P	H
		14500	47.75	-26.25	74	48.61	41.3	20.84	63	-	-	P	H
		17970	52.11	-21.89	74	39.45	46.32	23.01	56.67	-	-	P	H
		17970	43.51	-10.49	54	30.85	46.32	23.01	56.67	-	-	A	H
													H
													H
													H
													H
													H
													H
		4874	37.79	-36.21	74	53.38	31.25	11.63	58.47	-	-	P	V
		7311	39.8	-34.2	74	48.97	36.6	13.41	59.18	-	-	P	V
		10950	47.43	-26.57	74	51.27	40.25	17.35	61.44	-	-	P	V
		14500	48.16	-25.84	74	49.02	41.3	20.84	63	-	-	P	V
		14500	40.16	-13.84	54	41.02	41.3	20.84	63	-	-	A	V
		17970	52.88	-21.12	74	40.22	46.32	23.01	56.67	-	-	P	V
		17970	43.72	-10.28	54	31.06	46.32	23.01	56.67	-	-	A	V
													V
													V
													V
													V
													V

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant. 4+3		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	Factor (dB/m)	Loss (dB)	Factor (dB)	Pos (cm)	Pos (deg)	Avg. (P/A)	(H/V)
802.11g CH 11 2462MHz		4924	43.28	-30.72	74	58.58	31.4	11.78	58.48	100	58	P	H
		4924	42.35	-11.65	54	57.65	31.4	11.78	58.48	100	58	A	H
		7386	40.29	-33.71	74	49.18	36.6	13.66	59.15	-	-	P	H
		10905	48.12	-25.88	74	52.01	40.21	17.29	61.39	-	-	P	H
		10905	36.62	-17.38	54	40.51	40.21	17.29	61.39	-	-	A	H
		14490	49.07	-24.93	74	49.95	41.3	20.83	63.01	-	-	P	H
		14490	40.64	-13.36	54	41.52	41.3	20.83	63.01	-	-	A	H
		17985	52.44	-21.56	74	39.49	46.56	23.03	56.64	-	-	P	H
		17985	43.84	-10.16	54	30.89	46.56	23.03	56.64	-	-	A	H
		4924	43.28	-30.72	74	58.58	31.4	11.78	58.48	100	58	P	H
													H
													H
		4924	39.91	-34.09	74	55.21	31.4	11.78	58.48	-	-	P	V
		7386	40	-34	74	48.89	36.6	13.66	59.15	-	-	P	V
		10845	47.73	-26.27	74	51.64	40.2	17.2	61.31	-	-	P	V
		14500	47.98	-26.02	74	48.84	41.3	20.84	63	-	-	P	V
		17970	51.92	-22.08	74	39.26	46.32	23.01	56.67	-	-	P	V
		17970	43.74	-10.26	54	31.08	46.32	23.01	56.67	-	-	A	V
													V
													V
													V
													V
												V	
												V	
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												
	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)
i802.11g CH 12 2467MHz		4934	41.81	-32.19	74	57.05	31.44	11.81	58.49	100	86	P	H
		4934	40.94	-13.06	54	56.18	31.44	11.81	58.49	100	86	A	H
		7401	40.21	-33.79	74	49.04	36.6	13.71	59.14	-	-	P	H
		10815	48.27	-25.73	74	52.19	40.2	17.16	61.28	-	-	P	H
		10815	36.6	-17.4	54	40.52	40.2	17.16	61.28	-	-	A	H
		14490	48.74	-25.26	74	49.62	41.3	20.83	63.01	-	-	P	H
		14490	40.25	-13.75	54	41.13	41.3	20.83	63.01	-	-	A	H
		17970	52.02	-21.98	74	39.36	46.32	23.01	56.67	-	-	P	H
		17970	43.26	-10.74	54	30.6	46.32	23.01	56.67	-	-	A	H
													H
													H
													H
		4934	38.61	-35.39	74	53.85	31.44	11.81	58.49	-	-	P	V
		7401	40.42	-33.58	74	49.25	36.6	13.71	59.14	-	-	P	V
		10935	48.22	-25.78	74	52.07	40.24	17.33	61.42	-	-	P	V
		10935	36.66	-17.34	54	40.51	40.24	17.33	61.42	-	-	A	V
		14490	48.47	-25.53	74	49.35	41.3	20.83	63.01	-	-	P	V
		14490	40.22	-13.78	54	41.1	41.3	20.83	63.01	-	-	A	V
		17985	51.89	-22.11	74	38.94	46.56	23.03	56.64	-	-	P	V
		17985	43.99	-10.01	54	31.04	46.56	23.03	56.64	-	-	A	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 13 2472MHz		4944	40.54	-33.46	74	55.71	31.48	11.84	58.49	-	-	P	H
		7416	40.14	-33.86	74	48.91	36.63	13.73	59.13	-	-	P	H
		10950	47.92	-26.08	74	51.76	40.25	17.35	61.44	-	-	P	H
		14475	47.55	-26.45	74	48.47	41.3	20.81	63.03	-	-	P	H
		17985	51.37	-22.63	74	38.42	46.56	23.03	56.64	-	-	P	H
		17985	43.73	-10.27	54	30.78	46.56	23.03	56.64	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
		4944	38.61	-35.39	74	53.78	31.48	11.84	58.49	-	-	P	V
		7416	40.79	-33.21	74	49.56	36.63	13.73	59.13	-	-	P	V
		11010	47.66	-26.34	74	51.5	40.26	17.41	61.51	-	-	P	V
		14500	48.07	-25.93	74	48.93	41.3	20.84	63	-	-	P	V
		14500	40.22	-13.78	54	41.08	41.3	20.84	63	-	-	A	V
		17925	52.15	-21.85	74	40.36	45.6	22.97	56.78	-	-	P	V
		17925	42.83	-11.17	54	31.04	45.6	22.97	56.78	-	-	A	V
													V
													V
												V	
												V	
												V	
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												
	4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												



2.4GHz 2400~2483.5MHz

WIFI 802.11ax 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		2390	61.99	-12.01	74	51.03	27.62	17.29	33.95	150	143	P	H
		2390	51.7	-2.3	54	40.74	27.62	17.29	33.95	150	143	A	H
	*	2412	113.41	-	-	102.45	27.58	17.32	33.94	150	143	P	H
	*	2412	103.73	-	-	92.77	27.58	17.32	33.94	150	143	A	H
													H
													H
		2389.8	59.27	-14.73	74	48.31	27.62	17.29	33.95	400	113	P	V
		2390	49.93	-4.07	54	38.97	27.62	17.29	33.95	400	113	A	V
	*	2412	110.7	-	-	99.74	27.58	17.32	33.94	400	113	P	V
	*	2412	101.56	-	-	90.6	27.58	17.32	33.94	400	113	A	V
													V
													V
802.11ax HE20 Full CH 06 2437MHz		2387.92	59.97	-14.03	74	49.02	27.62	17.28	33.95	100	122	P	H
		2389.68	46.04	-7.96	54	35.08	27.62	17.29	33.95	100	122	A	H
	*	2437	116.47	-	-	105.52	27.53	17.36	33.94	100	122	P	H
	*	2437	106.81	-	-	95.86	27.53	17.36	33.94	100	122	A	H
		2485.28	59.95	-14.05	74	49.01	27.43	17.43	33.92	100	122	P	H
		2483.52	46.92	-7.08	54	35.98	27.43	17.43	33.92	100	122	A	H
		2389.68	55.82	-18.18	74	44.86	27.62	17.29	33.95	384	117	P	V
		2390	45.12	-8.88	54	34.16	27.62	17.29	33.95	384	117	A	V
	*	2437	113.51	-	-	102.56	27.53	17.36	33.94	384	117	P	V
	*	2437	104.82	-	-	93.87	27.53	17.36	33.94	384	117	A	V
		2484.96	56.36	-17.64	74	45.42	27.43	17.43	33.92	384	117	P	V
		2483.6	45.4	-8.6	54	34.46	27.43	17.43	33.92	384	117	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	112.31	-	-	101.37	27.48	17.39	33.93	150	122	P	H
	*	2462	101.91	-	-	90.97	27.48	17.39	33.93	150	122	A	H
		2483.96	61.19	-12.81	74	50.25	27.43	17.43	33.92	150	122	P	H
		2483.8	49.65	-4.35	54	38.71	27.43	17.43	33.92	150	122	A	H
													H
													H
	*	2462	108.92	-	-	97.98	27.48	17.39	33.93	368	122	P	V
	*	2462	100.28	-	-	89.34	27.48	17.39	33.93	368	122	A	V
		2485.12	60.15	-13.85	74	49.21	27.43	17.43	33.92	368	122	P	V
		2483.52	50.12	-3.88	54	39.18	27.43	17.43	33.92	368	122	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	110.75	-	-	99.81	27.47	17.4	33.93	150	142	P	H
	*	2467	102.23	-	-	91.29	27.47	17.4	33.93	150	142	A	H
		2483.72	60.62	-13.38	74	49.68	27.43	17.43	33.92	150	142	P	H
		2483.52	50.85	-3.15	54	39.91	27.43	17.43	33.92	150	142	A	H
													H
													H
	*	2467	109.38	-	-	98.44	27.47	17.4	33.93	369	117	P	V
	*	2467	99.9	-	-	88.96	27.47	17.4	33.93	369	117	A	V
		2484.28	59.53	-14.47	74	48.59	27.43	17.43	33.92	369	117	P	V
		2483.56	49.42	-4.58	54	38.48	27.43	17.43	33.92	369	117	A	V
													V
													V
802.11ax HE20 Full CH 13 2472MHz	*	2472	109.87	-	-	98.93	27.46	17.41	33.93	150	94	P	H
	*	2472	100.44	-	-	89.5	27.46	17.41	33.93	150	94	A	H
		2483.56	60.27	-13.73	74	49.33	27.43	17.43	33.92	150	94	P	H
		2483.52	50.54	-3.46	54	39.6	27.43	17.43	33.92	150	94	A	H
													H
													H
	*	2472	107.4	-	-	96.46	27.46	17.41	33.93	300	88	P	V
	*	2472	98.69	-	-	87.75	27.46	17.41	33.93	300	88	A	V
		2483.56	59.2	-14.8	74	48.26	27.43	17.43	33.92	300	88	P	V
		2483.52	48.83	-5.17	54	37.89	27.43	17.43	33.92	300	88	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		4824	40	-34	74	55.74	31.25	11.47	58.46	100	56	P	H
		4824	38.92	-15.08	54	54.66	31.25	11.47	58.46	100	56	A	H
		10950	47.78	-26.22	74	51.62	40.25	17.35	61.44	-	-	P	H
		14475	48.4	-25.6	74	49.32	41.3	20.81	63.03	-	-	P	H
		14475	40.3	-13.7	54	41.22	41.3	20.81	63.03	-	-	A	H
		17970	52.12	-21.88	74	39.46	46.32	23.01	56.67	-	-	P	H
		17970	43.21	-10.79	54	30.55	46.32	23.01	56.67	-	-	A	H
													H
													H
													H
													H
													H
													H
		4824	38.56	-35.44	74	54.3	31.25	11.47	58.46	-	-	P	V
		10920	47.55	-26.45	74	51.42	40.22	17.31	61.4	-	-	P	V
		14490	47.95	-26.05	74	48.83	41.3	20.83	63.01	-	-	P	V
		17985	51.9	-22.1	74	38.95	46.56	23.03	56.64	-	-	P	V
		17985	43.98	-10.02	54	31.03	46.56	23.03	56.64	-	-	A	V
													V
													V
													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	38.79	-35.21	74	54.38	31.25	11.63	58.47	-	-	P	H
		7311	40.17	-33.83	74	49.34	36.6	13.41	59.18	-	-	P	H
		11055	47.68	-26.32	74	51.74	40.08	17.43	61.57	-	-	P	H
		14475	47.96	-26.04	74	48.88	41.3	20.81	63.03	-	-	P	H
		17925	52.61	-21.39	74	40.82	45.6	22.97	56.78	-	-	P	H
		17925	42.67	-11.33	54	30.88	45.6	22.97	56.78	-	-	A	H
													H
													H
													H
													H
													H
													H
		4874	37.47	-36.53	74	53.06	31.25	11.63	58.47	-	-	P	V
		7311	41.94	-32.06	74	51.11	36.6	13.41	59.18	-	-	P	V
		10935	47.44	-26.56	74	51.29	40.24	17.33	61.42	-	-	P	V
		14500	48.53	-25.47	74	49.39	41.3	20.84	63	-	-	P	V
		14500	40.37	-13.63	54	41.23	41.3	20.84	63	-	-	A	V
		17955	52.38	-21.62	74	40.01	46.08	23	56.71	-	-	P	V
		17955	43.43	-10.57	54	31.06	46.08	23	56.71	-	-	A	V
													V
													V
													V
													V
													V



802.11ax HE20 Full CH 11 2462MHz		4924	40.31	-33.69	74	55.61	31.4	11.78	58.48	-	-	P	H
		7386	40.05	-33.95	74	48.94	36.6	13.66	59.15	-	-	P	H
		10965	48.1	-25.9	74	51.93	40.26	17.37	61.46	-	-	P	H
		10965	36.32	-17.68	54	40.15	40.26	17.37	61.46	-	-	A	H
		14490	48.86	-25.14	74	49.74	41.3	20.83	63.01	-	-	P	H
		14490	40.28	-13.72	54	41.16	41.3	20.83	63.01	-	-	A	H
		17985	52.27	-21.73	74	39.32	46.56	23.03	56.64	-	-	P	H
		17985	43.47	-10.53	54	30.52	46.56	23.03	56.64	-	-	A	H
													H
													H
													H
													H
		4924	39.19	-34.81	74	54.49	31.4	11.78	58.48	-	-	P	V
		7386	40.86	-33.14	74	49.75	36.6	13.66	59.15	-	-	P	V
		10860	48.23	-25.77	74	52.13	40.2	17.23	61.33	-	-	P	V
		10860	36.61	-17.39	54	40.51	40.2	17.23	61.33	-	-	A	V
		14475	48.13	-25.87	74	49.05	41.3	20.81	63.03	-	-	P	V
		14475	40.59	-13.41	54	41.51	41.3	20.81	63.03	-	-	A	V
		17985	52.35	-21.65	74	39.4	46.56	23.03	56.64	-	-	P	V
		17985	44.03	-9.97	54	31.08	46.56	23.03	56.64	-	-	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		4944	39.05	-34.95	74	54.22	31.48	11.84	58.49	-	-	P	H
		7416	41.44	-32.56	74	50.21	36.63	13.73	59.13	-	-	P	H
		10950	48.02	-25.98	74	51.86	40.25	17.35	61.44	-	-	P	H
		10950	36.37	-17.63	54	40.21	40.25	17.35	61.44	-	-	A	H
		14490	49.31	-24.69	74	50.19	41.3	20.83	63.01	-	-	P	H
		14490	40.64	-13.36	54	41.52	41.3	20.83	63.01	-	-	A	H
		17985	52.16	-21.84	74	39.21	46.56	23.03	56.64	-	-	P	H
		17985	43.77	-10.23	54	30.82	46.56	23.03	56.64	-	-	A	H
													H
													H
													H
													H
		4944	39.48	-34.52	74	54.65	31.48	11.84	58.49	-	-	P	V
		7416	40.76	-33.24	74	49.53	36.63	13.73	59.13	-	-	P	V
		10950	48.64	-25.36	74	52.48	40.25	17.35	61.44	-	-	P	V
		10950	36.27	-17.73	54	40.11	40.25	17.35	61.44	-	-	A	V
		14490	48.69	-25.31	74	49.57	41.3	20.83	63.01	-	-	P	V
		14490	40.15	-13.85	54	41.03	41.3	20.83	63.01	-	-	A	V
		17955	52.54	-21.46	74	40.17	46.08	23	56.71	-	-	P	V
		17955	43.46	-10.54	54	31.09	46.08	23	56.71	-	-	A	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 13 2472MHz		4944	40.07	-33.93	74	55.24	31.48	11.84	58.49	-	-	P	H
		7416	41.2	-32.8	74	49.97	36.63	13.73	59.13	-	-	P	H
		11415	47.74	-26.26	74	52.26	39.9	17.58	62	-	-	P	H
		14475	49.27	-24.73	74	50.19	41.3	20.81	63.03	-	-	P	H
		14475	40.2	-13.8	54	41.12	41.3	20.81	63.03	-	-	A	H
		17985	54.18	-19.82	74	41.23	46.56	23.03	56.64	-	-	P	H
		17985	43.53	-10.47	54	30.58	46.56	23.03	56.64	-	-	A	H
													H
													H
													H
													H
													H
		4944	39.67	-34.33	74	54.84	31.48	11.84	58.49	-	-	P	V
		7416	41.76	-32.24	74	50.53	36.63	13.73	59.13	-	-	P	V
		10905	48.8	-25.2	74	52.69	40.21	17.29	61.39	-	-	P	V
		10905	36.13	-17.87	54	40.02	40.21	17.29	61.39	-	-	A	V
		14475	48.06	-25.94	74	48.98	41.3	20.81	63.03	-	-	P	V
		14475	40.16	-13.84	54	41.08	41.3	20.81	63.03	-	-	A	V
		17970	52.3	-21.7	74	39.64	46.32	23.01	56.67	-	-	P	V
		17970	43.71	-10.29	54	31.05	46.32	23.01	56.67	-	-	A	V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. 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)

[illegible]

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		30	26.47	-13.53	40	33.61	24.27	0.95	32.36	-	-	P	H
		53.28	21.88	-18.12	40	40.56	12.7	1.1	32.48	-	-	P	H
		95.96	26	-17.5	43.5	41.59	15.3	1.5	32.39	-	-	P	H
		802.12	28.48	-17.52	46	27.79	28.08	4.35	31.74	-	-	P	H
		875.84	29.87	-16.13	46	27.67	28.98	4.58	31.36	-	-	P	H
		950.53	30.59	-15.41	46	26.27	30.43	4.78	30.89	-	-	P	H
													H
													H
													H
													H
													H
													H
		45.52	33.2	-6.8	40	48.26	16.41	0.99	32.46	-	-	P	V
		65.89	26.35	-13.65	40	45.74	11.85	1.22	32.46	-	-	P	V
		93.05	25.96	-17.54	43.5	42.02	14.86	1.48	32.4	-	-	P	V
		721.61	28.31	-17.69	46	29.41	27.01	4.12	32.23	-	-	P	V
		876.81	29.9	-16.1	46	27.7	28.97	4.58	31.35	-	-	P	V
		950.53	30.56	-15.44	46	26.24	30.43	4.78	30.89	-	-	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	P eak or A verage
H/V	H orizontal or V ertical

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

WIFI	Note	Frequency	Level	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”.



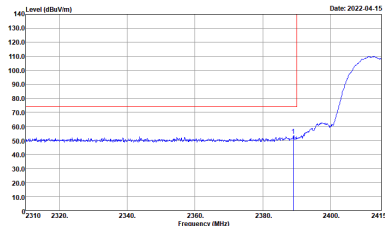
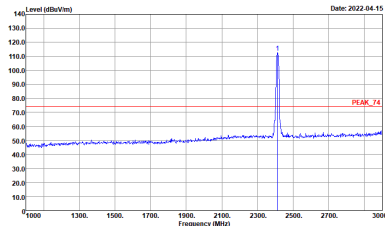
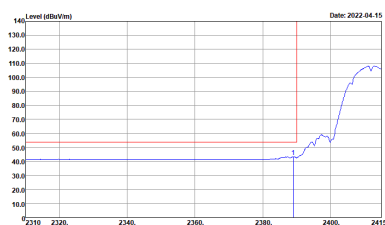
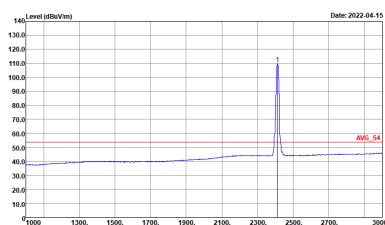
Appendix D. Radiated Spurious Emission Plots

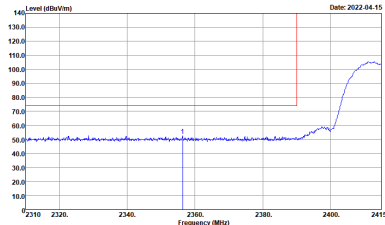
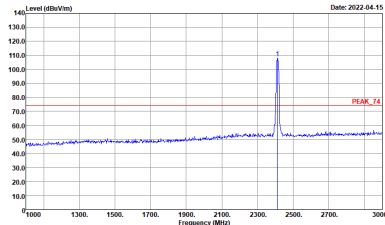
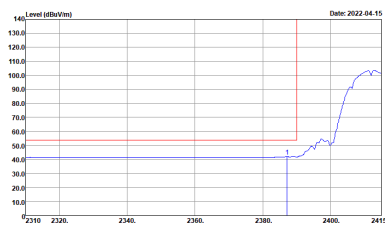
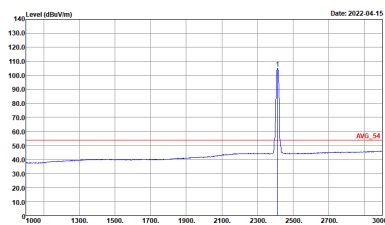
Test Engineer :	Theodore, Fu Chen, Troye Hsieh	Temperature :	20.1~21.8°C
		Relative Humidity :	56.1~66.8%

Note symbol

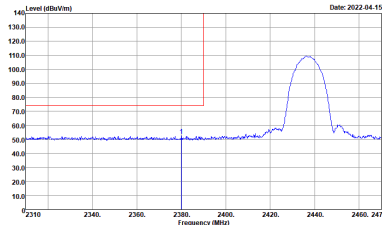
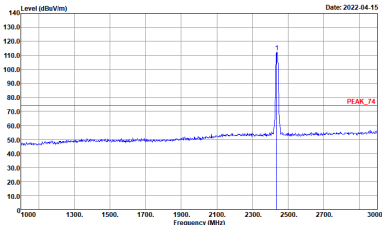
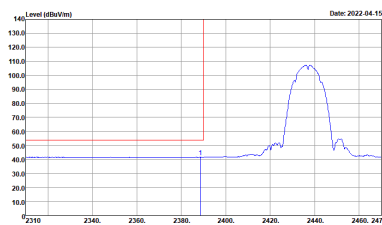
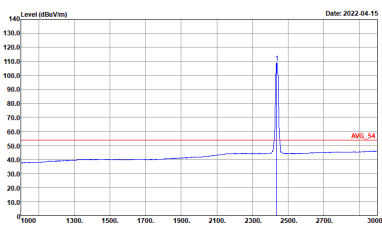
-L	Low channel location
-R	High channel location

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

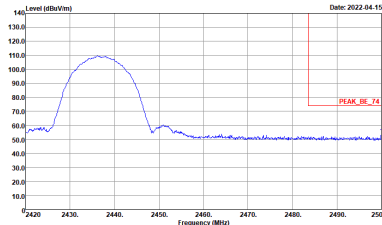
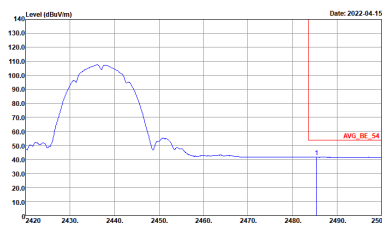
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH01 2412MHz	
4	Horizontal	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : AVG_54 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto</p>
Avg.		

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH01 2412MHz	
4	Vertical	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1326_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1326_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
	 <p>Site : 03CH11-HY Condition : AVG_BE_74 3m 91200_1326_20211025 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : AVG_74 3m 91200_1326_20211025 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>

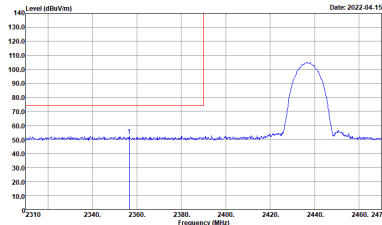
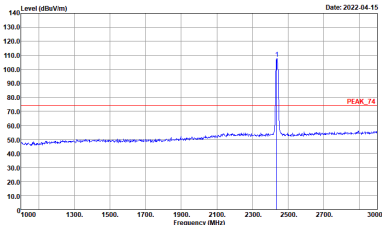
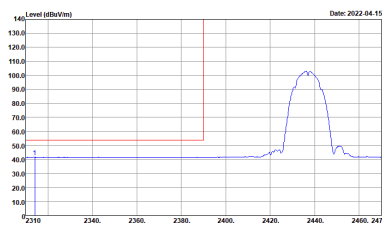
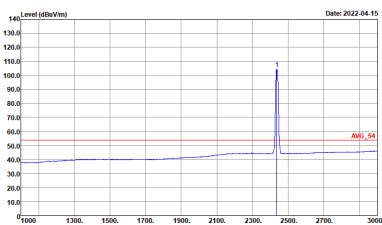


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - L	
4	Horizontal	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : AVG_54 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>

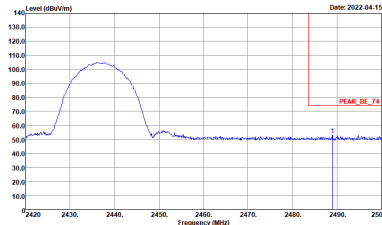
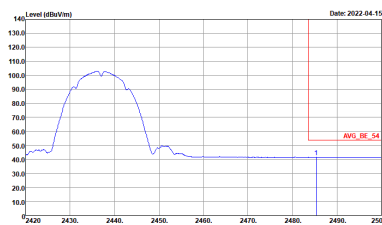


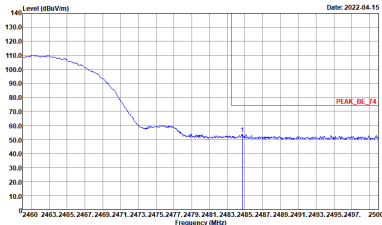
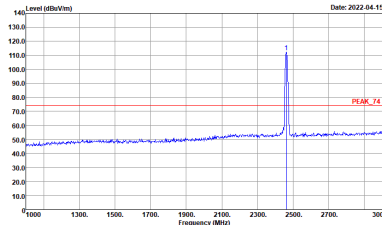
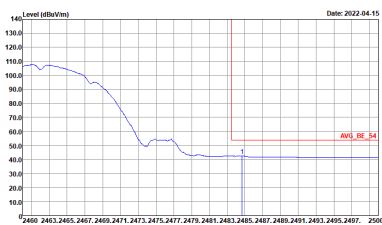
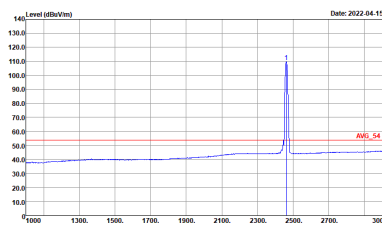
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
4	Horizontal	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank

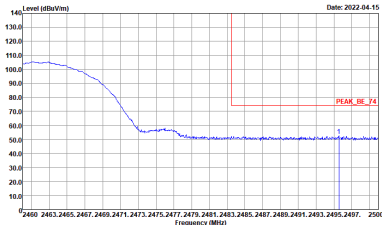
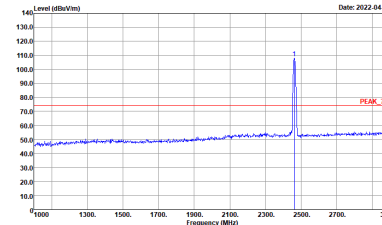
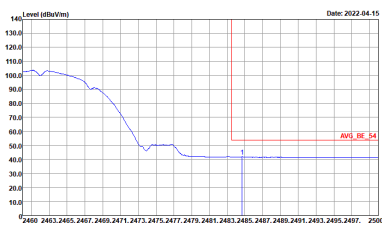
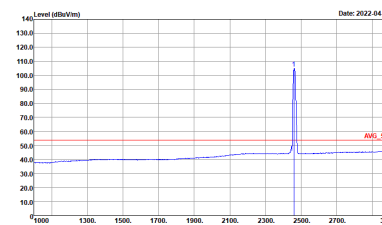


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - L	
4	Vertical	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1326_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1326_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_1326_20211025 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : AVG_54 3m 91200_1326_20211025 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>



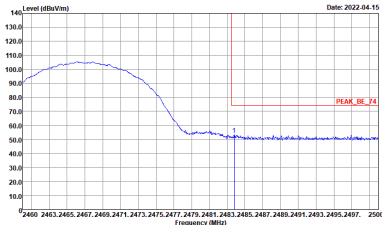
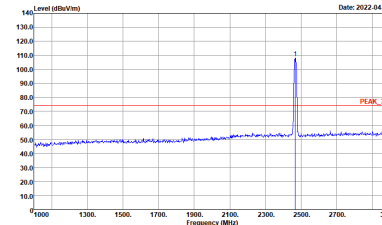
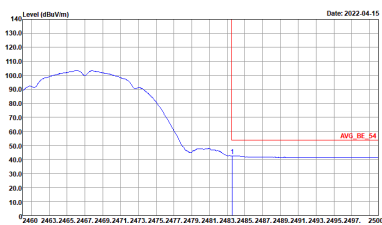
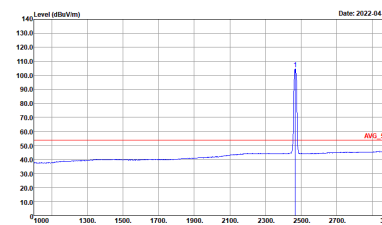
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
4	Vertical	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1326_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_1326_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank

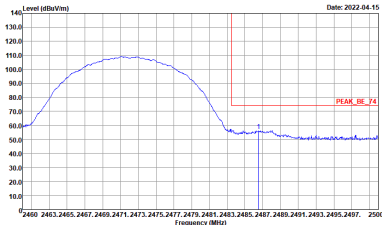
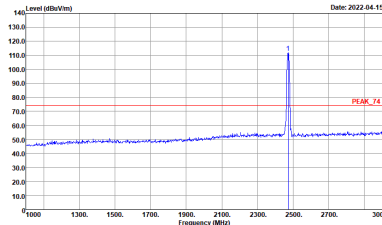
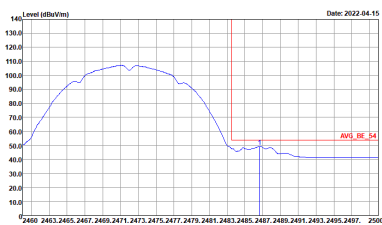
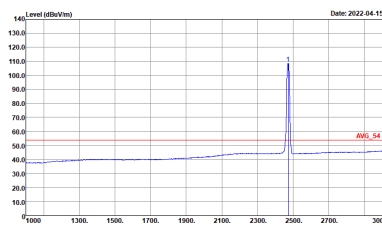
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH11 2462MHz	
4	Horizontal	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : AVG_54 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>

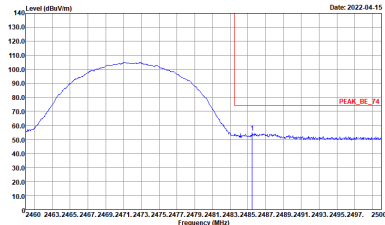
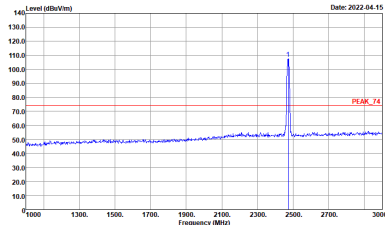
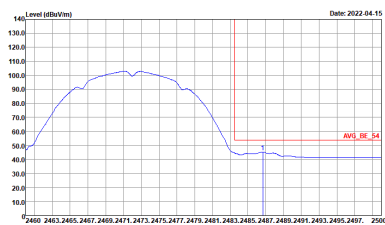
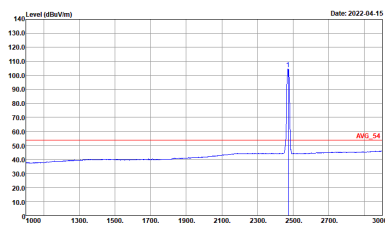
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH11 2462MHz	
4	Vertical	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1326_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1326_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_1326_20211025 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : AVG_54 3m 91200_1326_20211025 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>
Avg.		



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH12 2467MHz	
4	Horizontal	Fundamental
Peak	<p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	<p>Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	<p>Site : 03CH11-HY Condition : AVG_54 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH12 2467MHz	
4	Vertical	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1326_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1326_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_1326_20211025 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : AVG_54 3m 91200_1326_20211025 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>
Avg.		

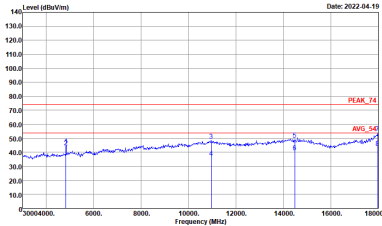
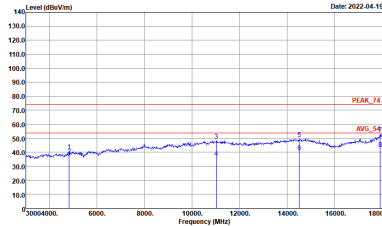
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH13 2472MHz	
4	Horizontal	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : AVG_54 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH13 2472MHz	
4	Vertical	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1326_20211025 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1326_20211025 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_1326_20211025 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : AVG_54 3m 91200_1326_20211025 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto</p>
Avg.		

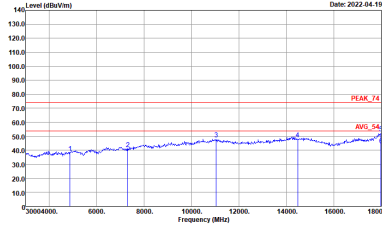
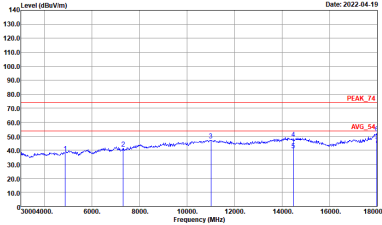


2.4GHz 2400~2483.5MHz

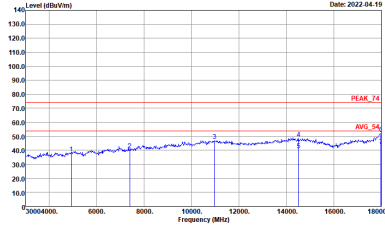
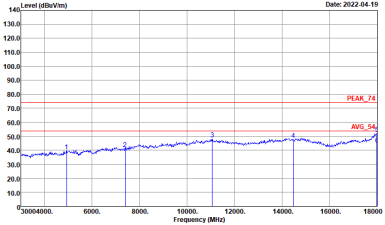
WIFI 802.11b (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH01 2412MHz	
4	Horizontal	Vertical
Peak Avg.	 <p>Site : 03CH11-14Y Condition : PEAK_74 3m 91200_1326_20211025 HORIZONTAL</p>	 <p>Site : 03CH11-14Y Condition : PEAK_74 3m 91200_1326_20211025 VERTICAL</p>

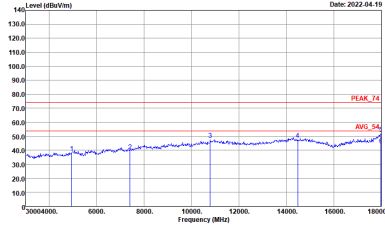
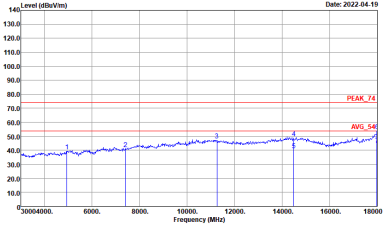


WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH06 2437MHz	
4	Horizontal	Vertical
Peak Avg.	<div><p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1326_20211025 HORIZONTAL</p></div>	<div><p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1326_20211025 VERTICAL</p></div>

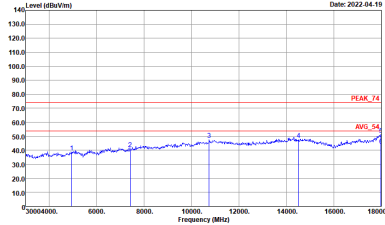
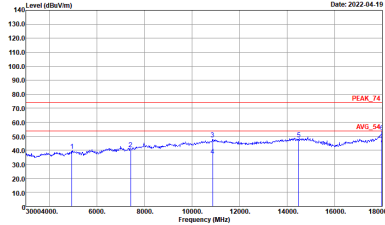


WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH11 2462MHz	
4	Horizontal	Vertical
Peak Avg.	 <p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1326_20211025 HORIZONTAL</p>	 <p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1326_20211025 VERTICAL</p>



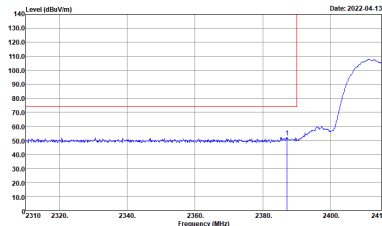
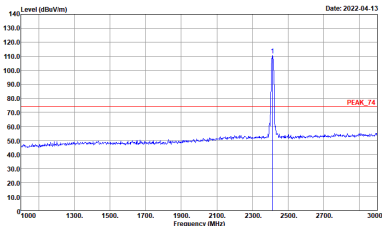
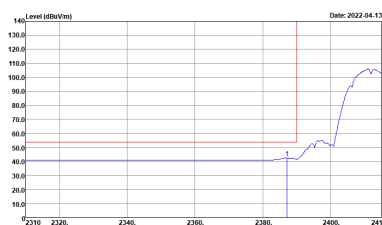
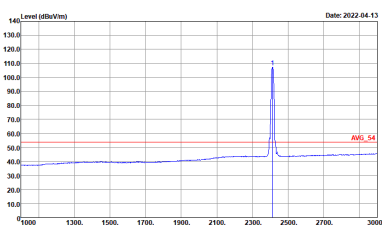
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH12 2467MHz	
4	Horizontal	Vertical
Peak Avg.	<div><p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1326_20211025 HORIZONTAL</p></div>	<div><p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1326_20211025 VERTICAL</p></div>

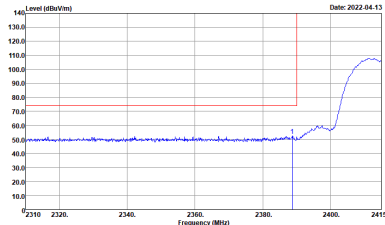
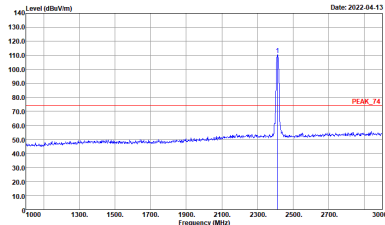
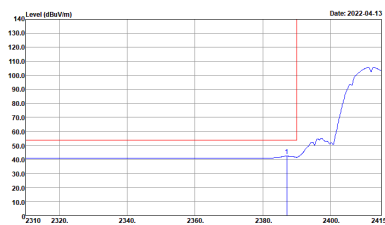
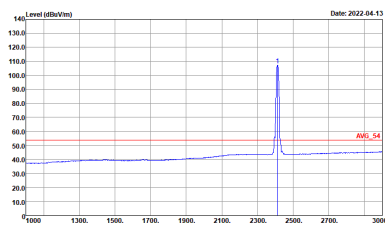


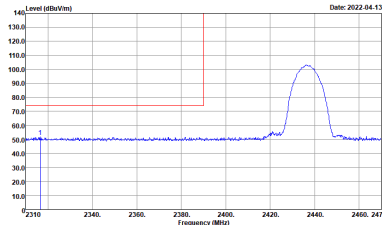
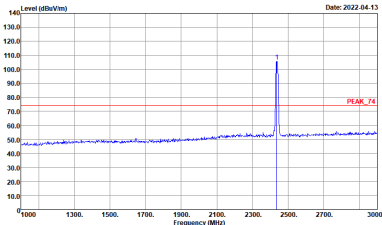
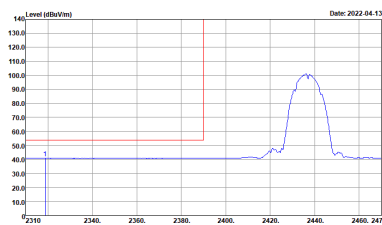
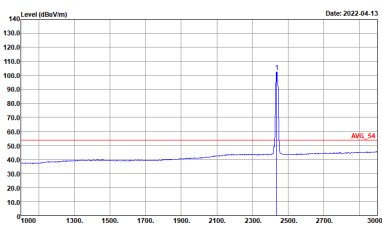
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH13 2472MHz	
4	Horizontal	Vertical
Peak Avg.	 <p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1326_20211025 HORIZONTAL</p>	 <p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1326_20211025 VERTICAL</p>



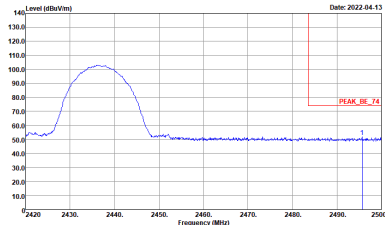
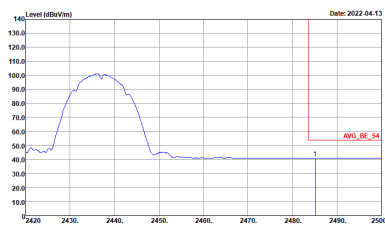
2.4GHz 2400~2483.5MHz
WIFI 802.11b (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH01 2412MHz	
3	Horizontal	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000kHz VBW:0.030kHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : AVG_54 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000kHz VBW:0.030kHz SWT:Auto</p>

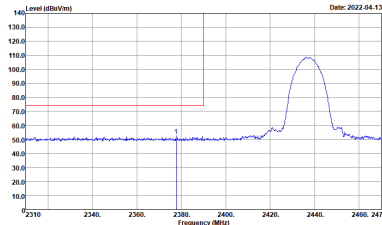
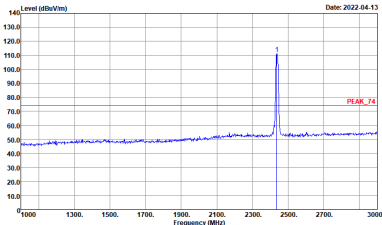
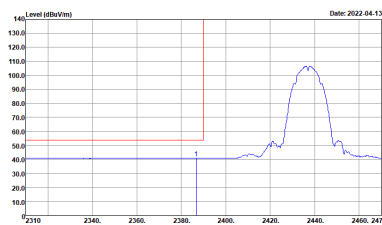
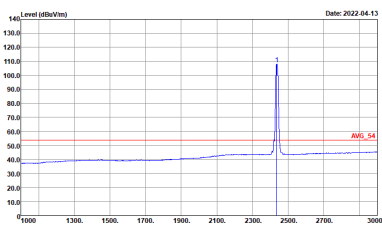
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH01 2412MHz	
3	Vertical	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1326_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1326_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_74 3m 91200_1326_20211025 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : AVG_74 3m 91200_1326_20211025 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - L	
3	Horizontal	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : AVG_54 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto</p>

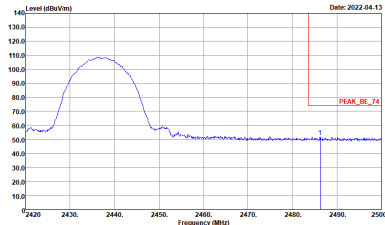
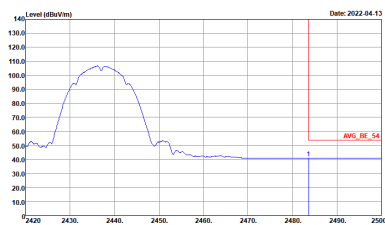


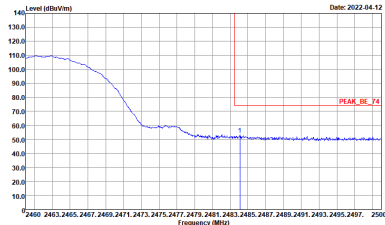
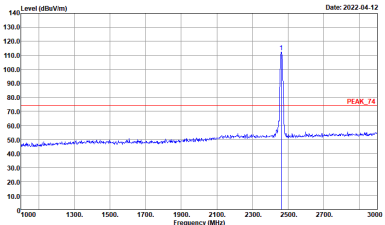
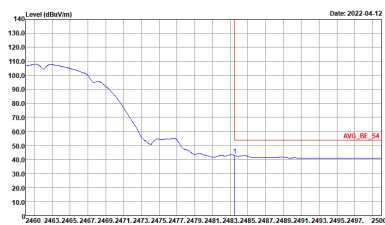
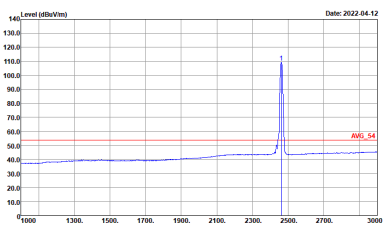
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
3	Horizontal	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank

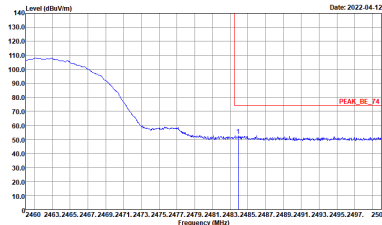
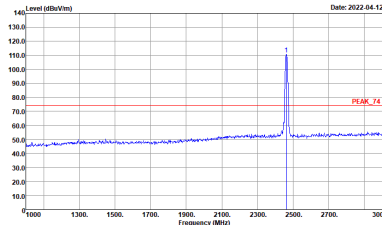
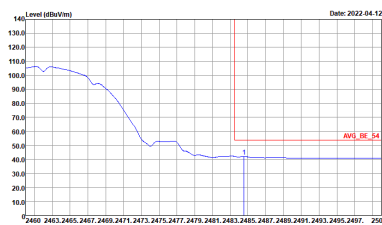
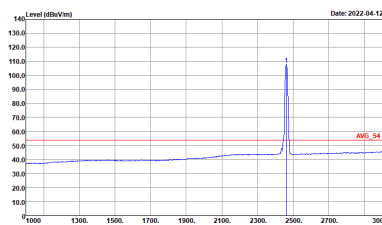


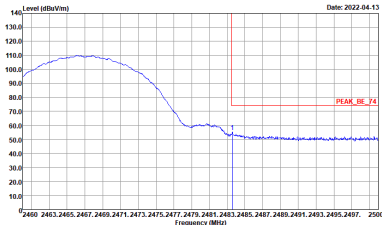
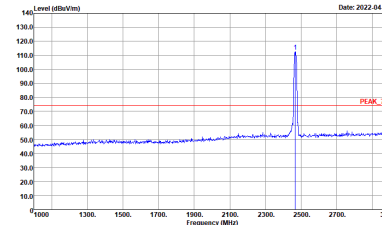
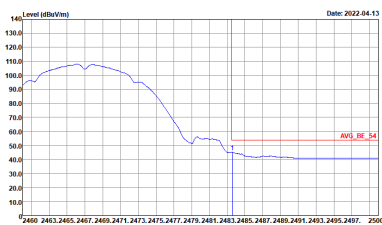
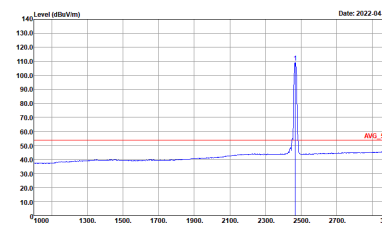
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - L	
3	Vertical	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1326_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1326_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_1326_20211025 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : AVG_54 3m 91200_1326_20211025 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>



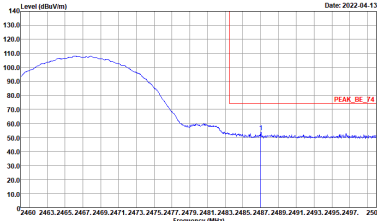
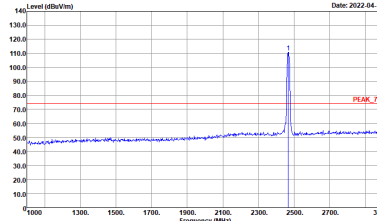
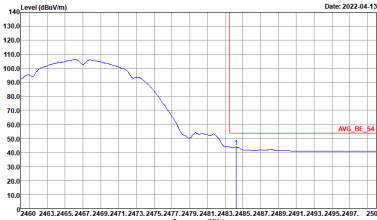
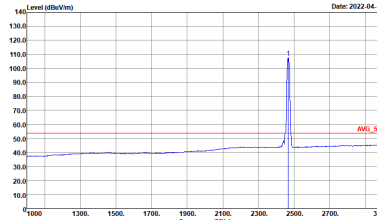
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
3	Vertical	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1326_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_1326_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank

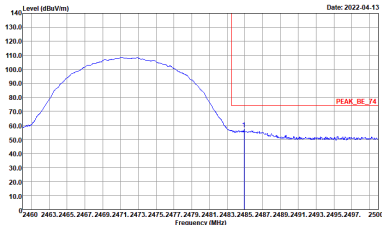
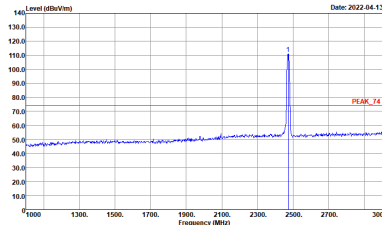
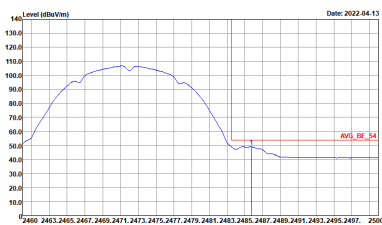
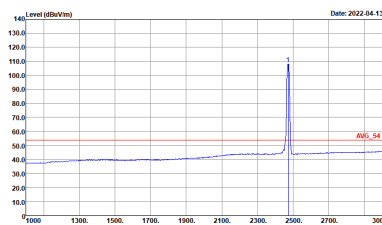
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH11 2462MHz	
3	Horizontal	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : AVG_54 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>

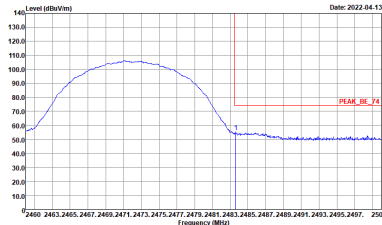
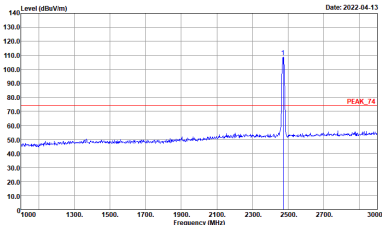
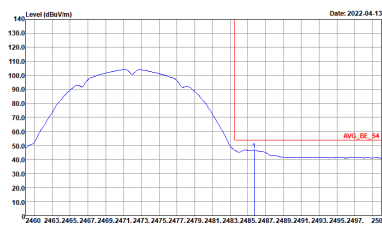
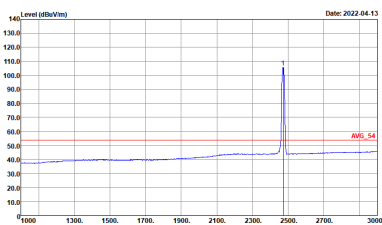
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH11 2462MHz	
3	Vertical	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1326_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1326_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
	 <p>Site : 03CH11-HY Condition : AVG_BE_74 3m 91200_1326_20211025 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : AVG_74 3m 91200_1326_20211025 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>
Avg.		

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH12 2467MHz	
3	Horizontal	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : AVG_54 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>
Avg.		



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH12 2467MHz	
3	Vertical	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1326_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1326_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_1326_20211025 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : AVG_54 3m 91200_1326_20211025 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>

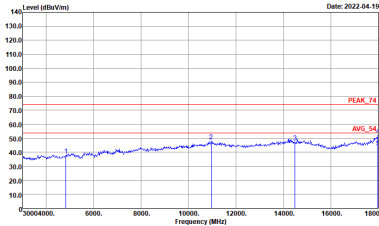
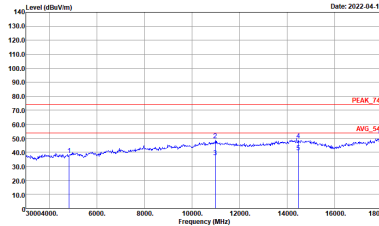
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH13 2472MHz	
3	Horizontal	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : AVG_54 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>
Avg.		

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH13 2472MHz	
3	Vertical	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1326_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1326_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_1326_20211025 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : AVG_54 3m 91200_1326_20211025 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>

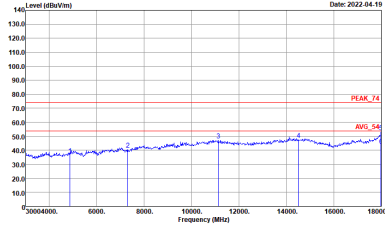
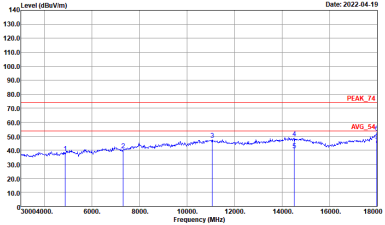


2.4GHz 2400~2483.5MHz

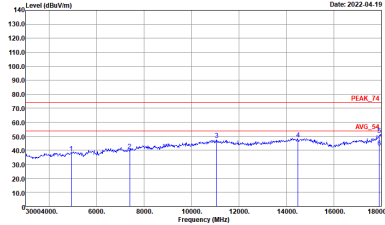
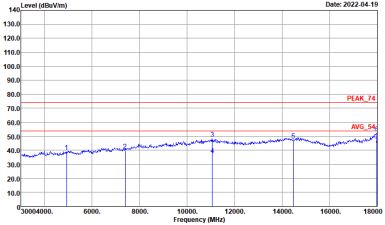
WIFI 802.11b (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH01 2412MHz	
3	Horizontal	Vertical
Peak Avg.	 <p>Site : 03CH11-14Y Condition : PEAK_74 3m 91200_1326_20211025 HORIZONTAL</p>	 <p>Site : 03CH11-14Y Condition : PEAK_74 3m 91200_1326_20211025 VERTICAL</p>

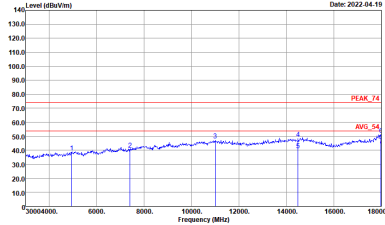
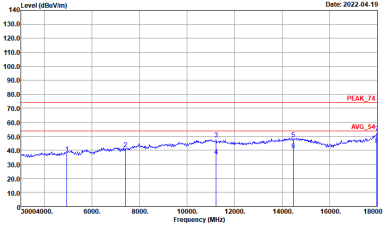


WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH06 2437MHz	
3	Horizontal	Vertical
Peak Avg.	<div><p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1326_20211025 HORIZONTAL</p></div>	<div><p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1326_20211025 VERTICAL</p></div>

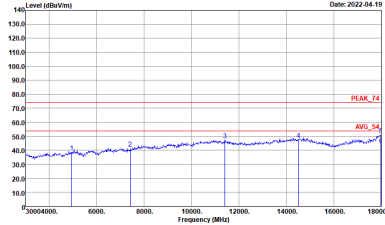
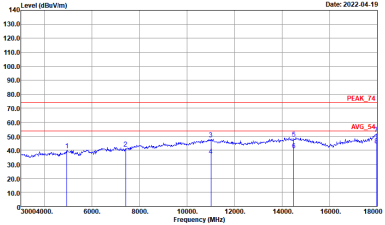


WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH11 2462MHz	
3	Horizontal	Vertical
Peak Avg.	 <p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1326_20211025 HORIZONTAL</p>	 <p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1326_20211025 VERTICAL</p>

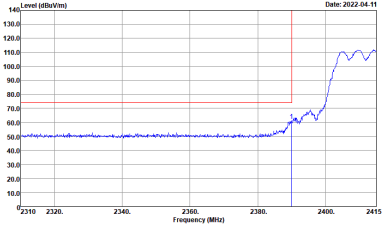
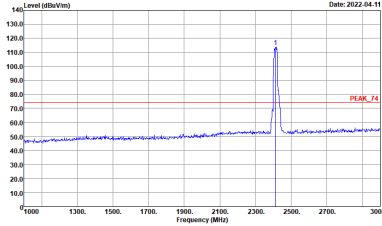
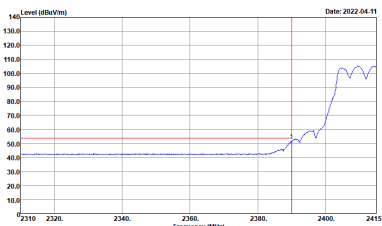
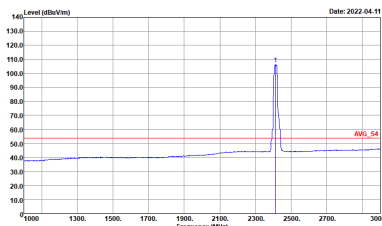


WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH12 2467MHz	
3	Horizontal	Vertical
Peak Avg.	<div><p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1326_20211025 HORIZONTAL</p></div>	<div><p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1326_20211025 VERTICAL</p></div>



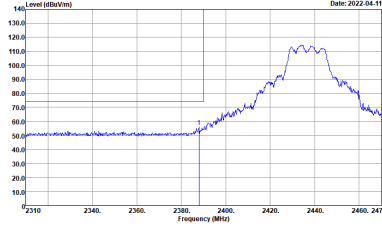
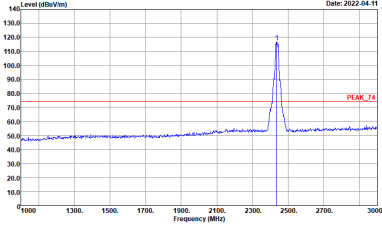
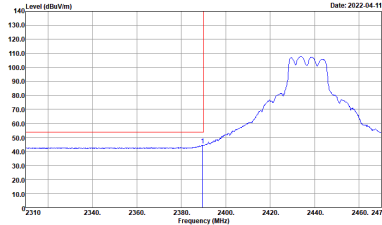
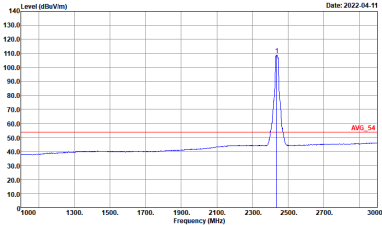
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH13 2472MHz	
3	Horizontal	Vertical
Peak Avg.	<div><p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1326_20211025 HORIZONTAL</p></div>	<div><p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1326_20211025 VERTICAL</p></div>

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

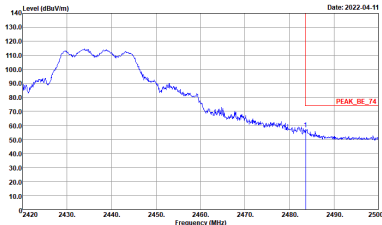
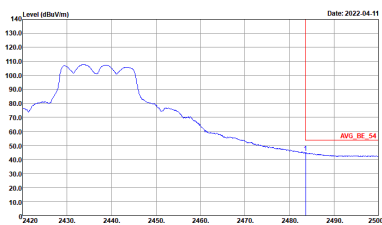
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH01 2412MHz	
4+3	Horizontal	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000kHz VBW:1000kHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : AVG_54 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000kHz VBW:1000kHz SWT:Auto</p>
Avg.		

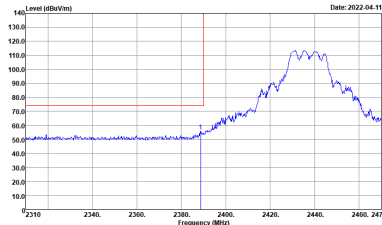
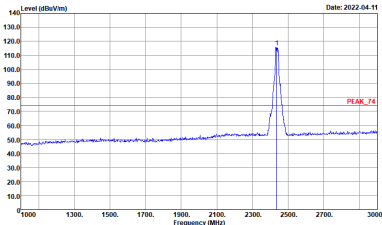
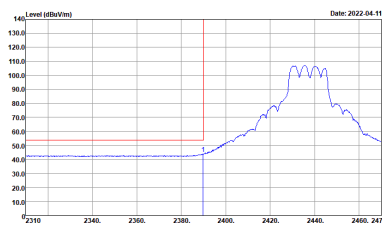
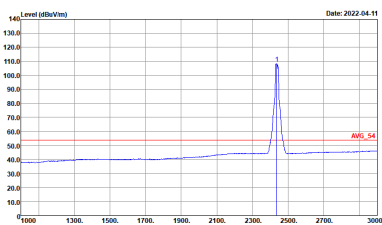


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH01 2412MHz	
4+3	Vertical	Fundamental
Peak	<p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1326_20211025 VERTICAL : RBW:1000.0000kHz VBW:3000.0000kHz SWT:Auto</p>	<p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1326_20211025 VERTICAL : RBW:1000.0000kHz VBW:3000.0000kHz SWT:Auto</p>
Avg.	<p>Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_1326_20211025 VERTICAL : RBW:1000.0000kHz VBW:10000kHz SWT:Auto</p>	<p>Site : 03CH11-HY Condition : AVG_54 3m 91200_1326_20211025 VERTICAL : RBW:1000.0000kHz VBW:10000kHz SWT:Auto</p>

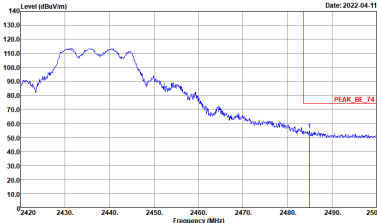
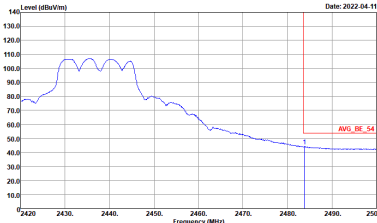
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - L	
4+3	Horizontal	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
	 <p>Site : 03CH11-HY Condition : AVG_BE_74 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : AVG_74 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>
Avg.		

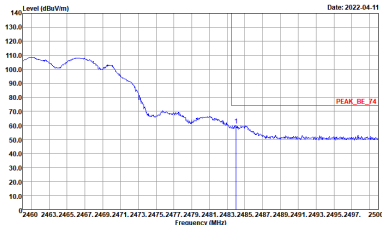
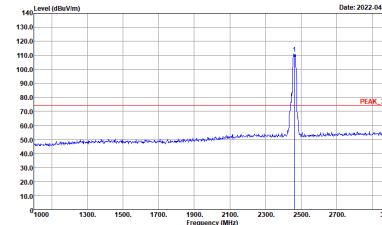
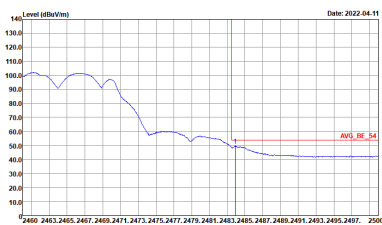
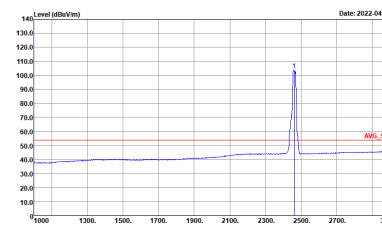


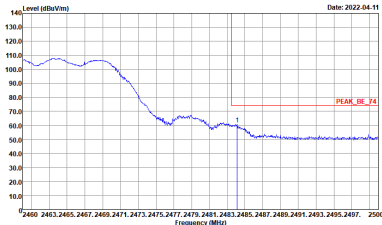
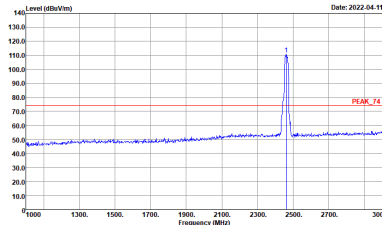
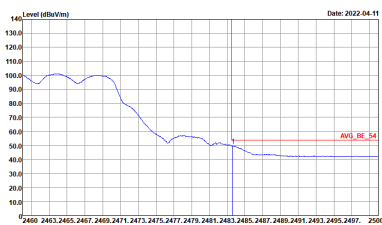
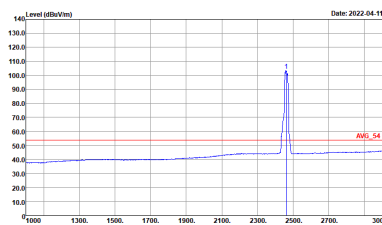
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
4+3	Horizontal	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank

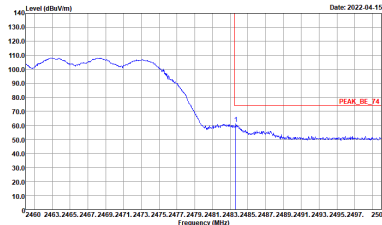
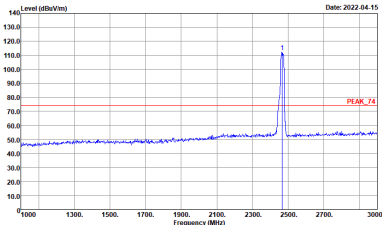
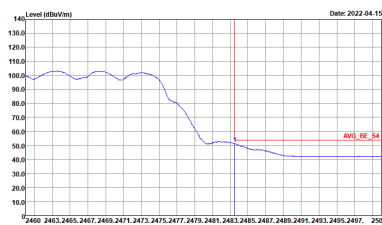
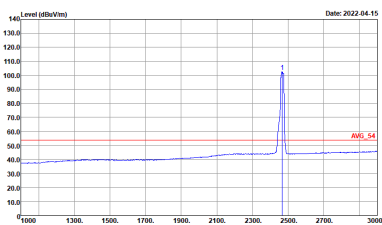
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - L	
4+3	Vertical	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1326_20211025 VERTICAL : RBW:1000.0000Hz VBW:3000.0000Hz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1326_20211025 VERTICAL : RBW:1000.0000Hz VBW:3000.0000Hz SWT:Auto</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_1326_20211025 VERTICAL : RBW:1000.0000Hz VBW:1.0000Hz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : AVG_54 3m 91200_1326_20211025 VERTICAL : RBW:1000.0000Hz VBW:1.0000Hz SWT:Auto</p>

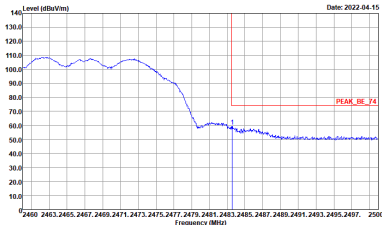
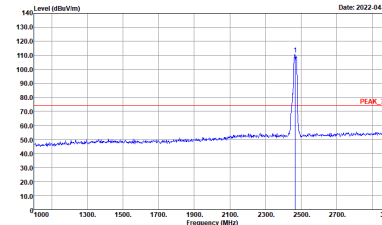
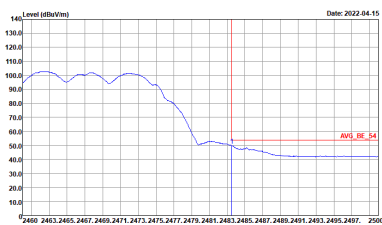
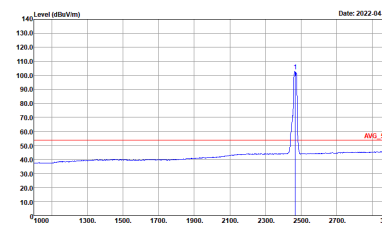


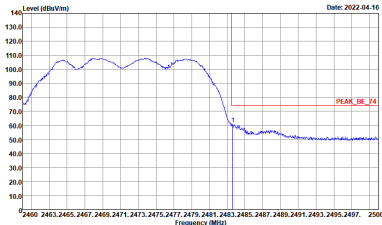
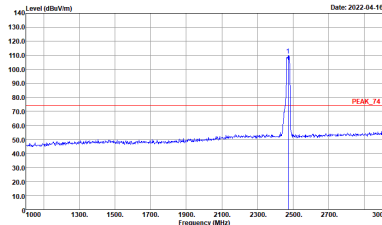
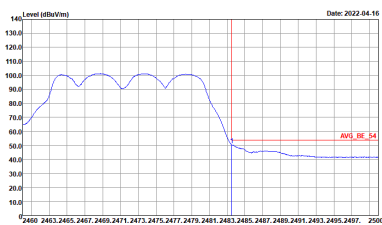
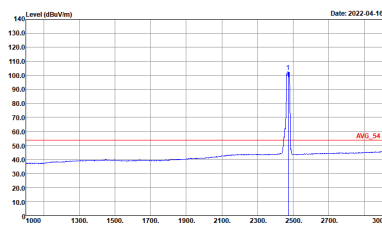
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
4+3	Vertical	Fundamental
Peak	<div><p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1326_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p></div>	Left Blank
Avg.	<div><p>Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_1326_20211025 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p></div>	Left Blank

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH11 2462MHz	
4+3	Horizontal	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : AVG_54 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>
Avg.		

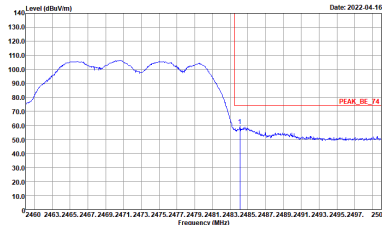
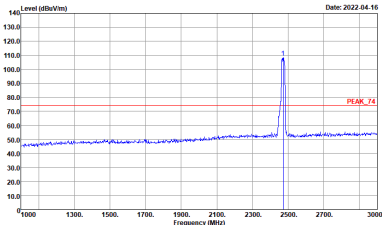
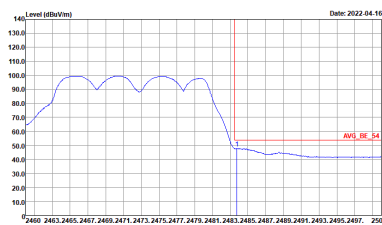
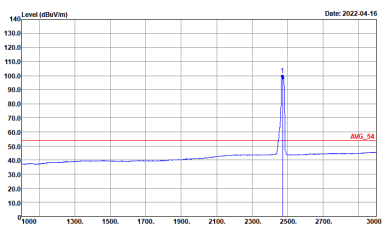
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH11 2462MHz	
4+3	Vertical	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1326_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1326_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_1326_20211025 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : AVG_54 3m 91200_1326_20211025 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH12 2467MHz	
4+3	Horizontal	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : AVG_54 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH12 2467MHz	
4+3	Vertical	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1326_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1326_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
	 <p>Site : 03CH11-HY Condition : AVG_BE_74 3m 91200_1326_20211025 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : AVG_74 3m 91200_1326_20211025 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>
Avg.		

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH13 2472MHz	
4+3	Horizontal	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : AVG_54 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>
Avg.		

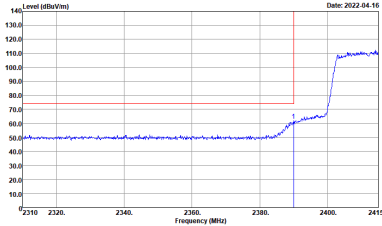
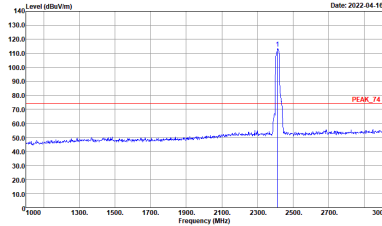
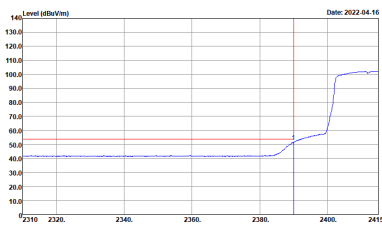
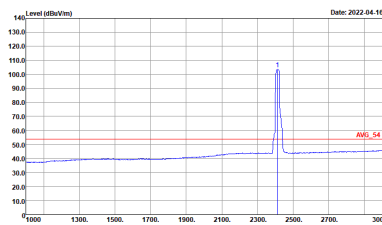


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH13 2472MHz	
4+3	Vertical	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1326_20211025 VERTICAL : RBW:1000.0000Hz VBW:3000.0000Hz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1326_20211025 VERTICAL : RBW:1000.0000Hz VBW:3000.0000Hz SWT:Auto</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_74 3m 91200_1326_20211025 VERTICAL : RBW:1000.0000Hz VBW:10000Hz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : AVG_74 3m 91200_1326_20211025 VERTICAL : RBW:1000.0000Hz VBW:10000Hz SWT:Auto</p>



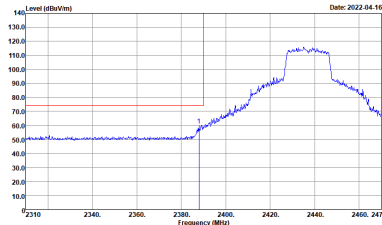
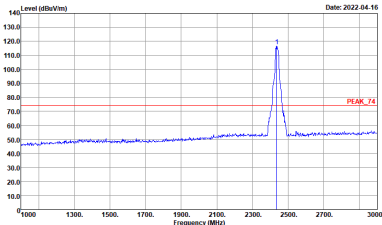
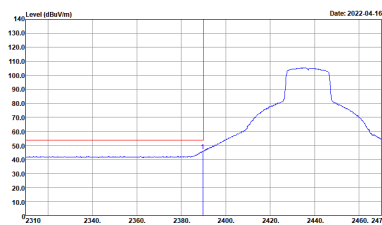
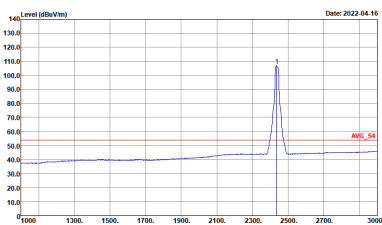
2.4GHz 2400~2483.5MHz

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

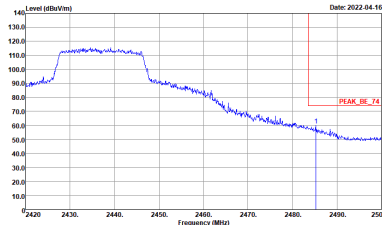
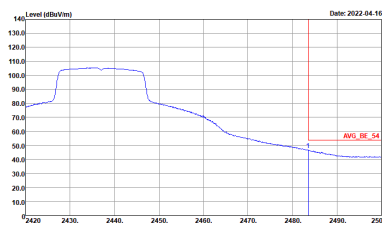
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH01 2412MHz	
4+3	Horizontal	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000kHz VBW:1000kHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : AVG_54 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000kHz VBW:1000kHz SWT:Auto</p>



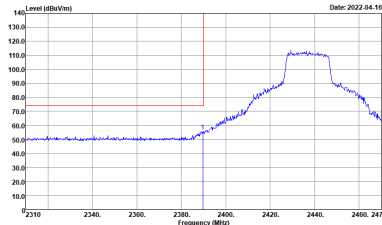
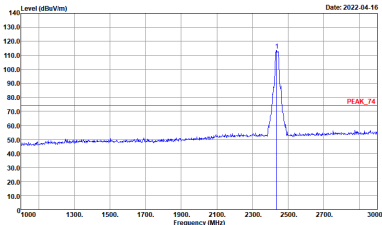
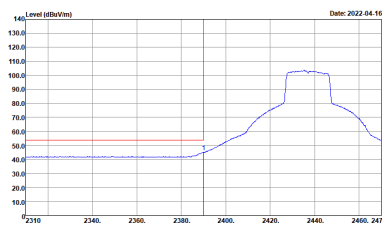
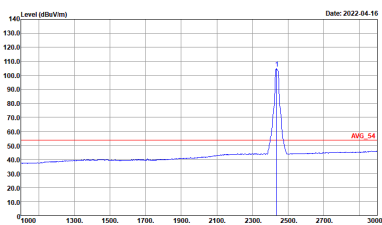
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH01 2412MHz	
4+3	Vertical	Fundamental
Peak	<p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1326_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1326_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	<p>Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_1326_20211025 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	<p>Site : 03CH11-HY Condition : AVG_54 3m 91200_1326_20211025 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH06 2437MHz - L	
4+3	Horizontal	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.0000kHz VBW:3000.0000kHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.0000kHz VBW:3000.0000kHz SWT:Auto</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.0000kHz VBW:10000kHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : AVG_54 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.0000kHz VBW:10000kHz SWT:Auto</p>

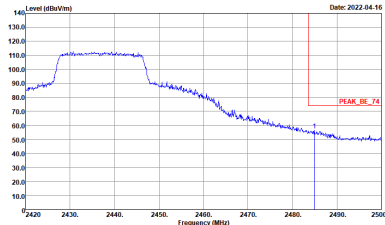
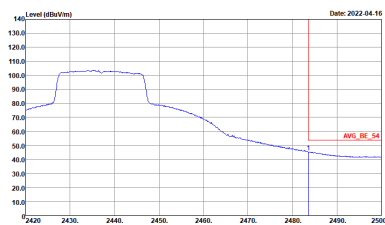


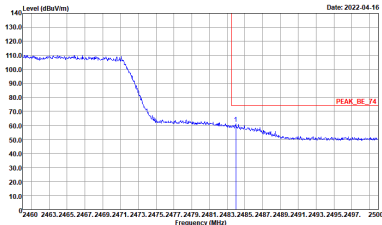
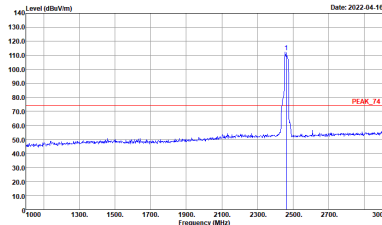
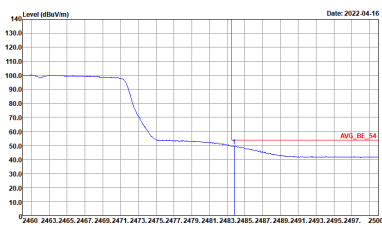
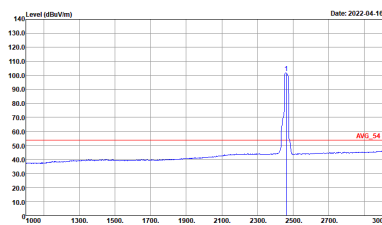
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH06 2437MHz - R	
4+3	Horizontal	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank

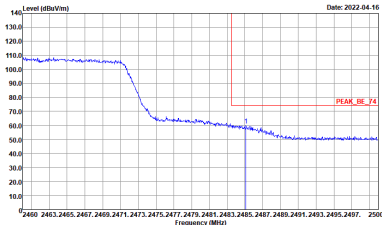
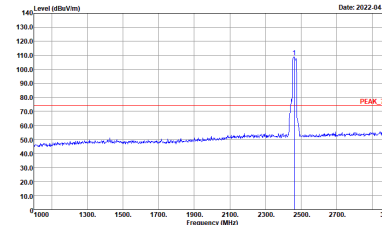
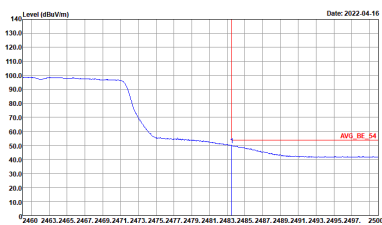
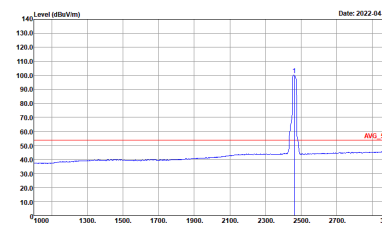


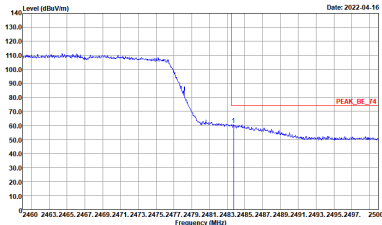
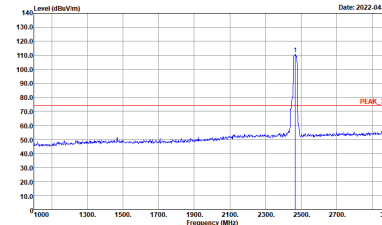
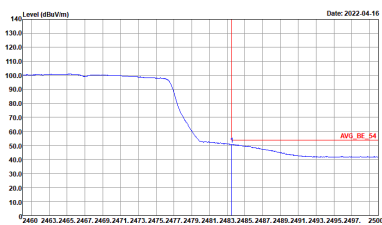
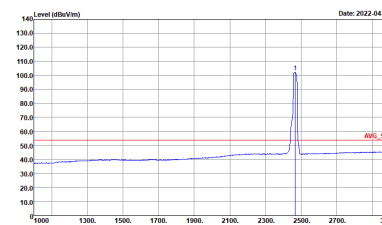
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH06 2437MHz - L	
4+3	Vertical	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1326_20211025 VERTICAL : RBW:1000.0000Hz VBW:3000.0000Hz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1326_20211025 VERTICAL : RBW:1000.0000Hz VBW:3000.0000Hz SWT:Auto</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_1326_20211025 VERTICAL : RBW:1000.0000Hz VBW:10000Hz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : AVG_54 3m 91200_1326_20211025 VERTICAL : RBW:1000.0000Hz VBW:10000Hz SWT:Auto</p>

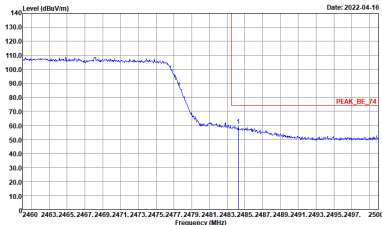
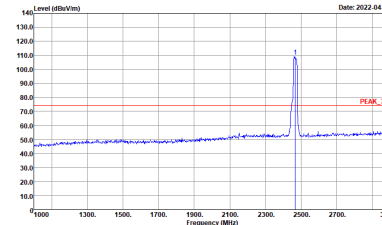
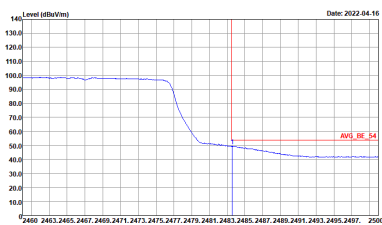
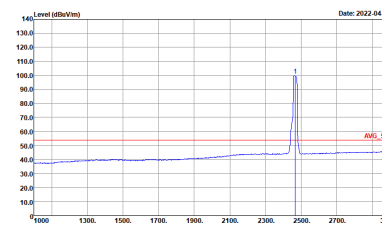


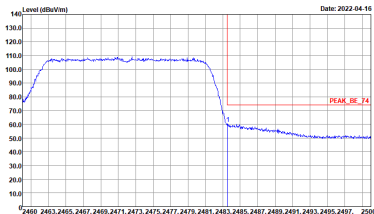
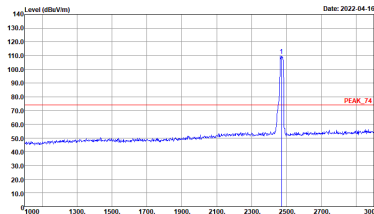
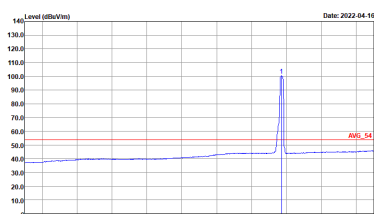
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH06 2437MHz - R	
4+3	Vertical	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1326_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_1326_20211025 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank

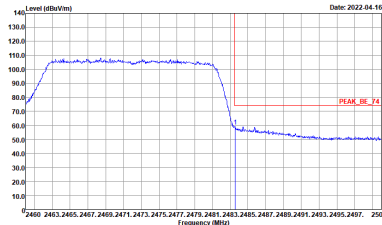
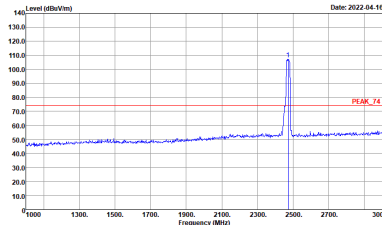
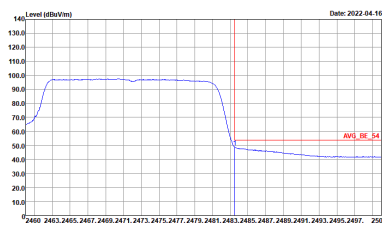
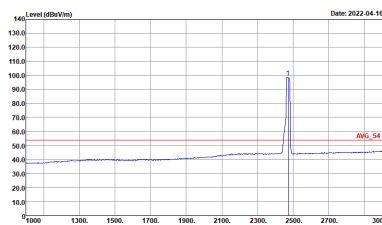
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH11 2462MHz	
4+3	Horizontal	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : AVG_54 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH11 2462MHz	
4+3	Vertical	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1326_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1326_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_1326_20211025 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : AVG_54 3m 91200_1326_20211025 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>
Avg.		

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH12 2467MHz	
4+3	Horizontal	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : AVG_54 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>
Avg.		

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH12 2467MHz	
4+3	Vertical	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1326_20211025 VERTICAL : RBW:1000.0000kHz VBW:3000.0000kHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1326_20211025 VERTICAL : RBW:1000.0000kHz VBW:3000.0000kHz SWT:Auto</p>
	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_1326_20211025 VERTICAL : RBW:1000.0000kHz VBW:10000kHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : AVG_54 3m 91200_1326_20211025 VERTICAL : RBW:1000.0000kHz VBW:10000kHz SWT:Auto</p>
Avg.		

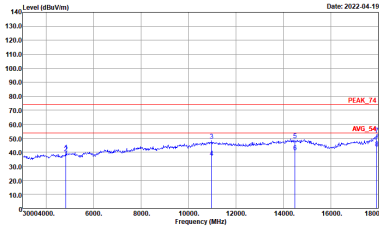
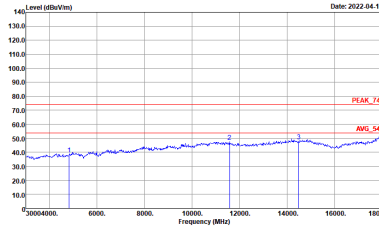
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH13 2472MHz	
4+3	Horizontal	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : AVG_54 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH13 2472MHz	
4+3	Vertical	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1326_20211025 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1326_20211025 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
	 <p>Site : 03CH11-HY Condition : AVG_BE_74 3m 91200_1326_20211025 VERTICAL : RBW:1000.000kHz VBW:10000kHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : AVG_74 3m 91200_1326_20211025 VERTICAL : RBW:1000.000kHz VBW:10000kHz SWT:Auto</p>
Avg.		

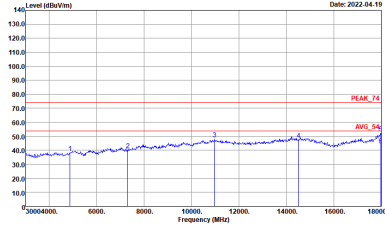
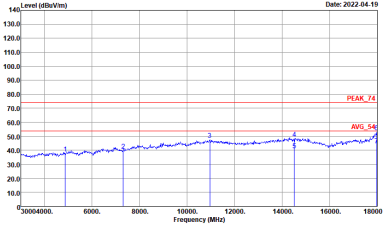


2.4GHz 2400~2483.5MHz

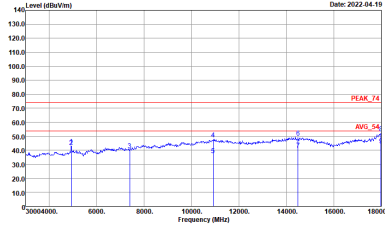
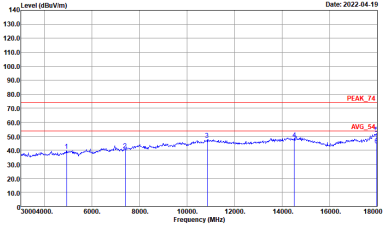
WIFI 802.11g (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH01 2412MHz	
4+3	Horizontal	Vertical
Peak Avg.	 <p>Site : 03CH11-14Y Condition : PEAK_74 3m 91200_1326_20211025 HORIZONTAL</p>	 <p>Site : 03CH11-14Y Condition : PEAK_74 3m 91200_1326_20211025 VERTICAL</p>

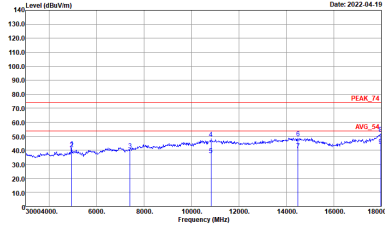
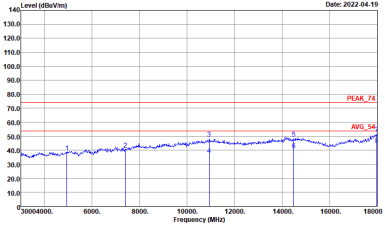


WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH06 2437MHz	
4+3	Horizontal	Vertical
Peak Avg.	<div><p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1326_20211025 HORIZONTAL</p></div>	<div><p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1326_20211025 VERTICAL</p></div>

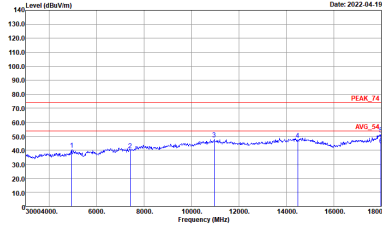
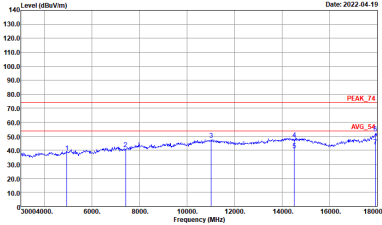


WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH11 2462MHz	
4+3	Horizontal	Vertical
Peak Avg.	<div><p>Site : 03CH11-FF Condition : PEAK_74 3m 91200_1326_20211025 HORIZONTAL</p></div>	<div><p>Site : 03CH11-FF Condition : PEAK_74 3m 91200_1326_20211025 VERTICAL</p></div>



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH12 2467MHz	
4+3	Horizontal	Vertical
Peak Avg.	 <p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1326_20211025 HORIZONTAL</p>	 <p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1326_20211025 VERTICAL</p>

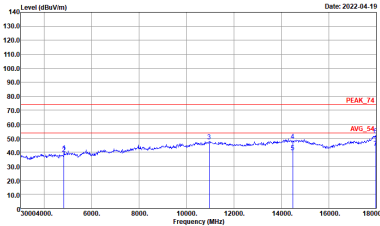
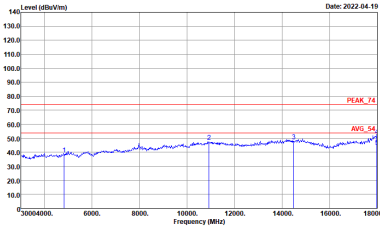


WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH13 2472MHz	
4+3	Horizontal	Vertical
Peak Avg.	<div><p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1326_20211025 HORIZONTAL</p></div>	<div><p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1326_20211025 VERTICAL</p></div>

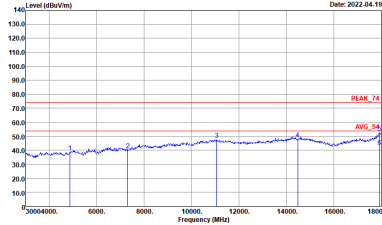
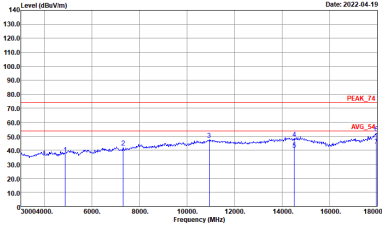


2.4GHz 2400~2483.5MHz

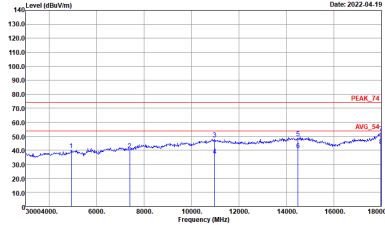
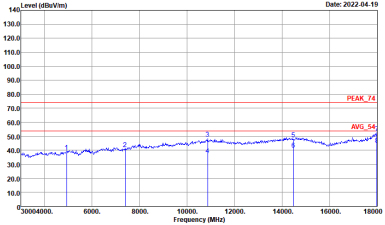
WIFI 802.11 ax HE20 Full (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE20 Full CH01 2412MHz	
4+3	Horizontal	Vertical
Peak Avg.	 <p>Site : 03CH11-14Y Condition : PEAK_74 3m 91200_1326_20211025 HORIZONTAL</p>	 <p>Site : 03CH11-14Y Condition : PEAK_74 3m 91200_1326_20211025 VERTICAL</p>



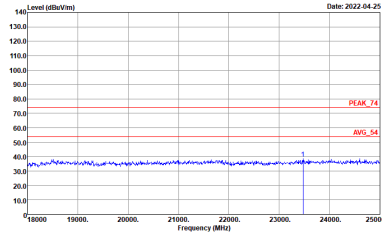
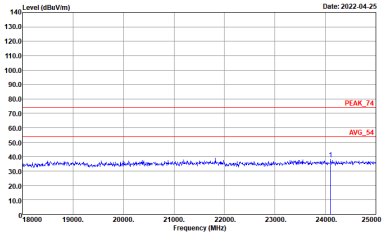
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE20 Full CH06 2437MHz	
4+3	Horizontal	Vertical
Peak Avg.	<div><p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1326_20211025 HORIZONTAL</p></div>	<div><p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1326_20211025 VERTICAL</p></div>



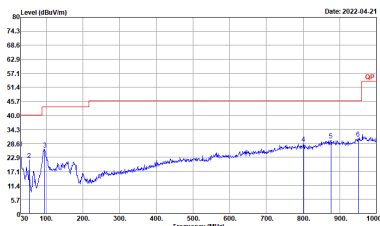
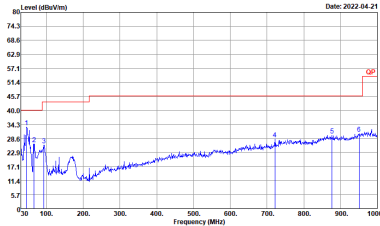
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE20 Full CH11 2462MHz	
4+3	Horizontal	Vertical
Peak Avg.	<div><p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1326_20211025 HORIZONTAL</p></div>	<div><p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1326_20211025 VERTICAL</p></div>



Emission above 18GHz
2.4GHz WIFI 802.11g (SHF)

WIFI	2.4GHz 2400~2483.5MHz	
ANT	802.11g SHF	
4+3	Horizontal	Vertical
QP / Peak	 <p>Site : 03CHI1-HY Condition : PEAK_74 1m SHF ANT_9170_00993 HORIZONTAL Detector : Peak Project : Io2843-06</p>	 <p>Site : 03CHI1-HY Condition : PEAK_74 1m SHF ANT_9170_00993 VERTICAL Detector : Peak Project : Io2843-06</p>

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

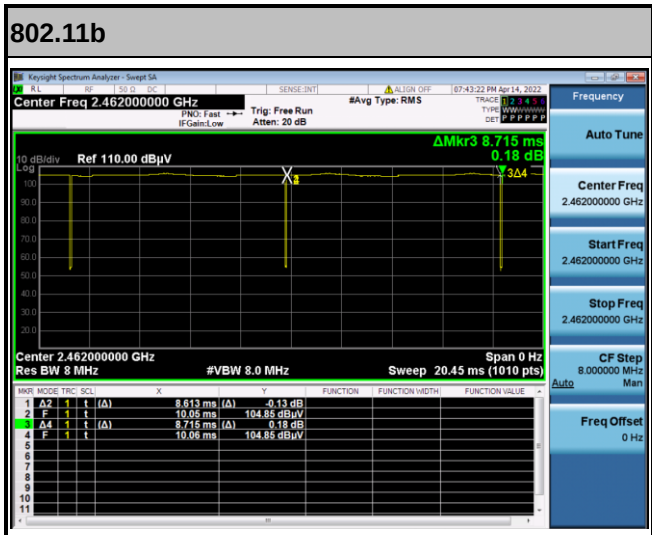
WIFI	2.4GHz 2400~2483.5MHz	
ANT	802.11g LF	
4+3	Horizontal	Vertical
QP / Peak	 <p>Site : 03CH11-HV Condition : QP 3m BE-LOG 35414-211009 HORIZONTAL</p>	 <p>Site : 03CH11-HV Condition : QP 3m BE-LOG 35414-211009 VERTICAL Detector : Peak</p>



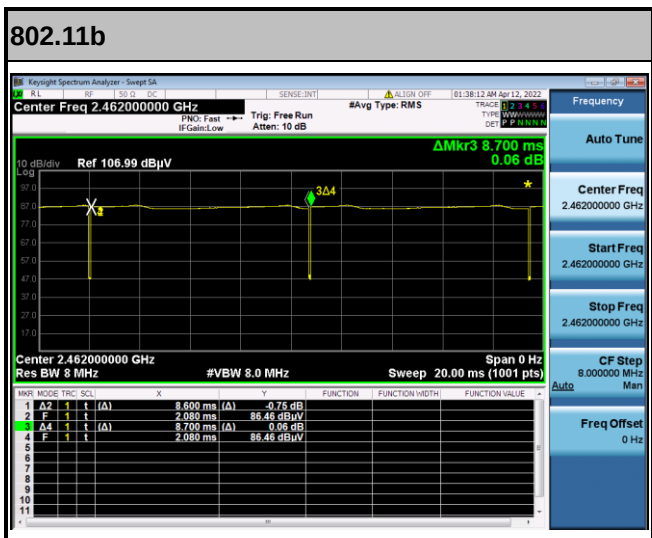
Appendix E. Duty Cycle Plots

Antenna	Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting
4	802.11b	99.00	-	-	10Hz
3	802.11b	98.85	-	-	10Hz
4+3	802.11g	92.83	1425	0.70	1kHz
4+3	2.4GHz 802.11ax HE20 Full RU	90.63	1015	0.99	1kHz

<Ant. 4>

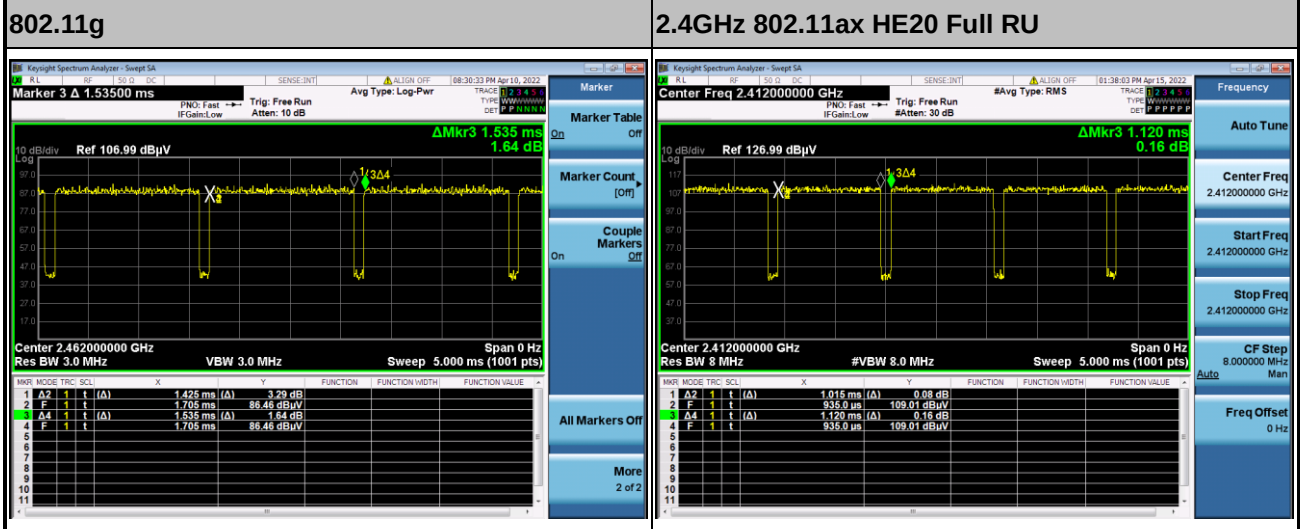


<Ant. 3>





MIMO <Ant. 4+3>



—THE END—