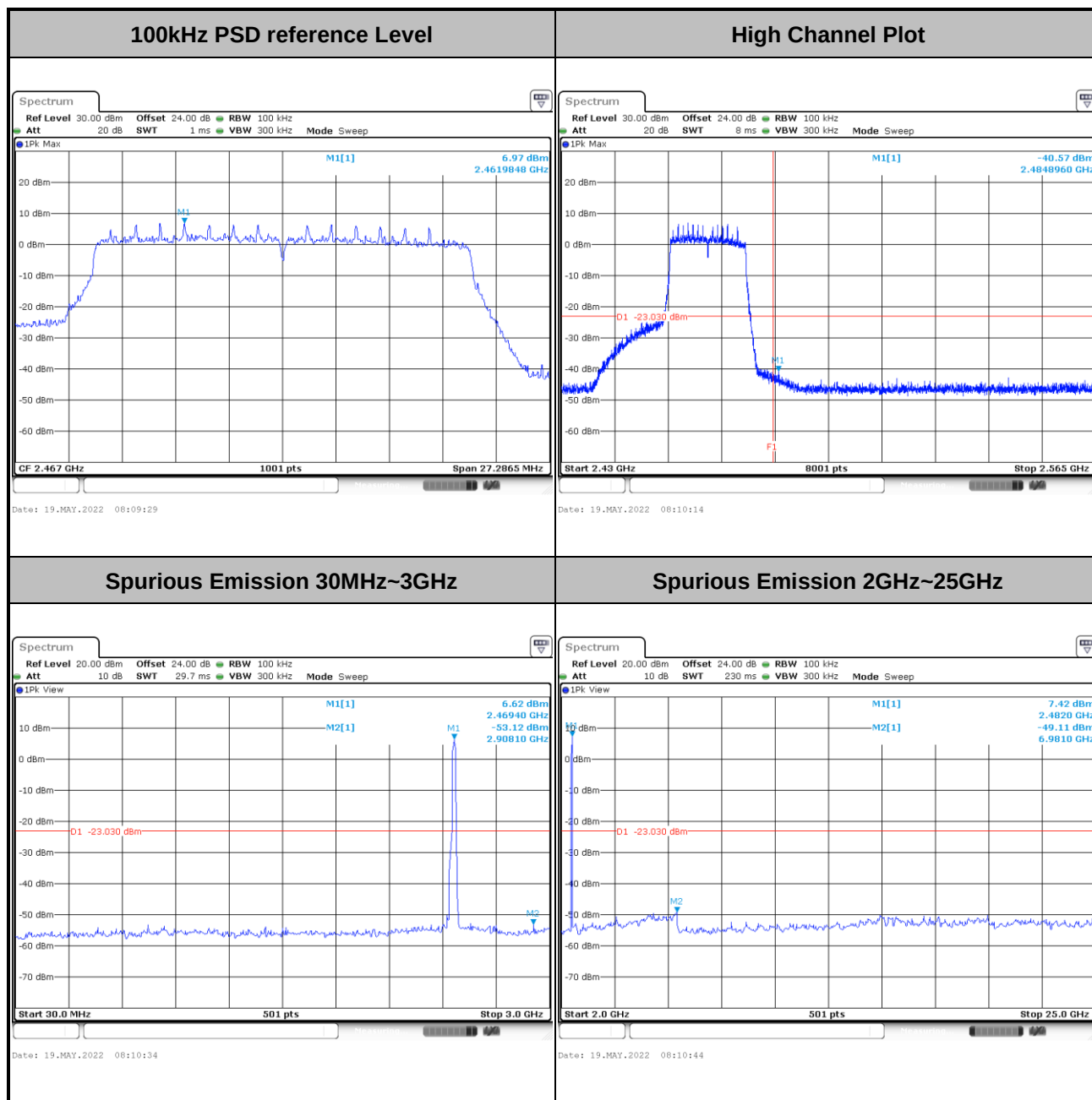


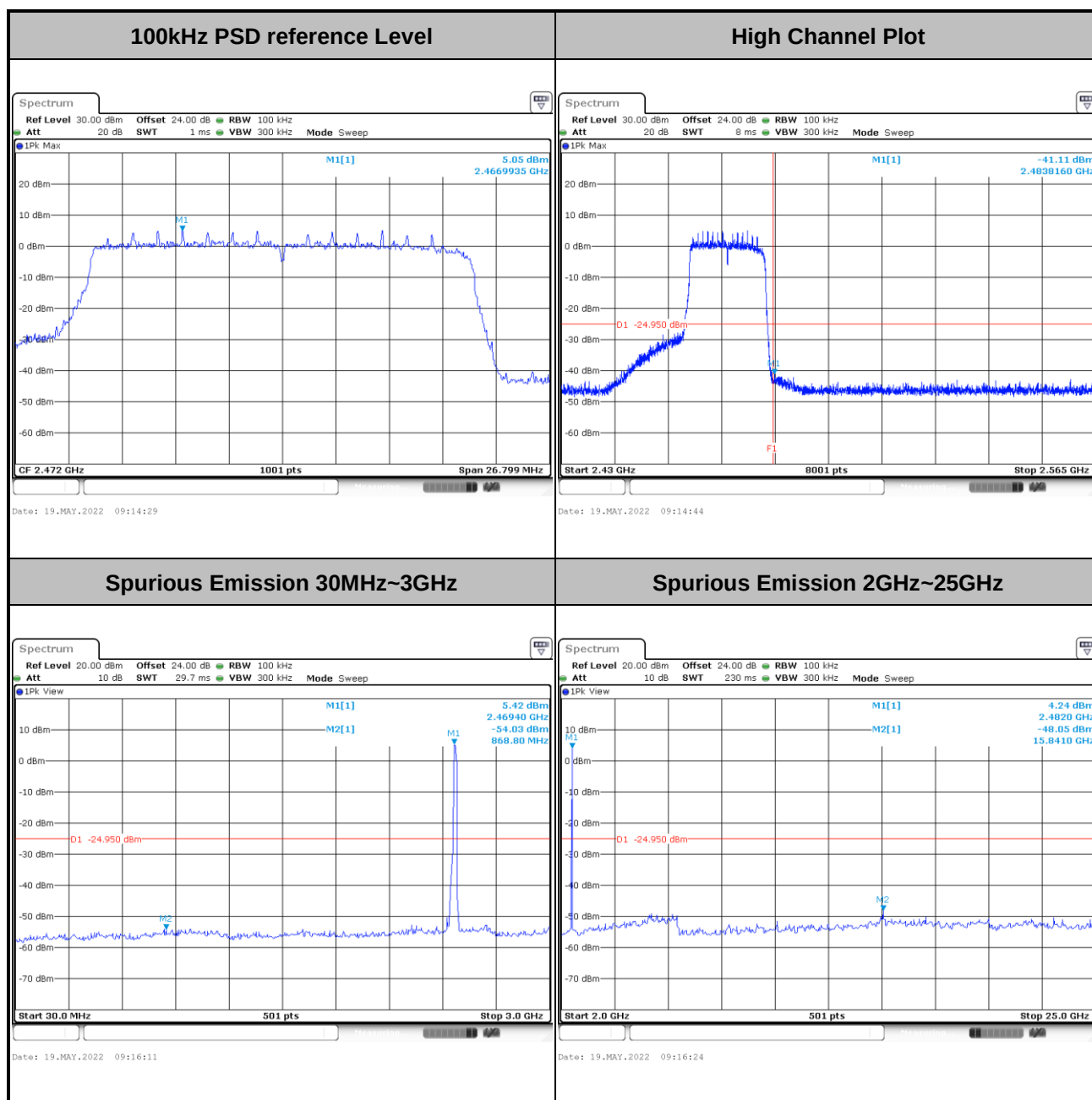


Test Mode :	802.11ax HE20	Test Channel :	12 Full RU
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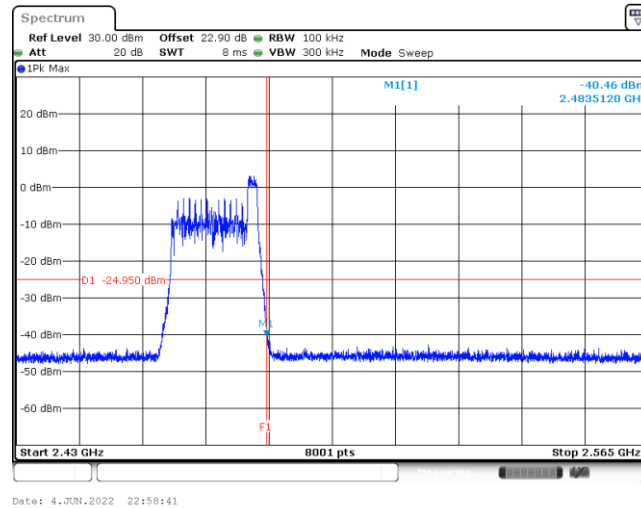
Test Mode :	802.11ax HE20	Test Channel :	13 Full Ru
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Test Mode :	802.11ax HE20	Test Channel :	13 Partial RU 26/8
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High Channel Plot



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

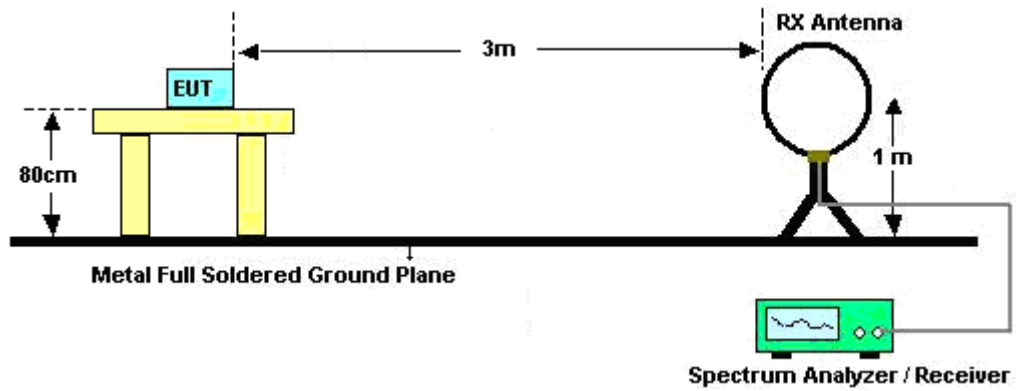
Please refer to the measuring equipment list in this test report.

3.5.3 Test Procedures

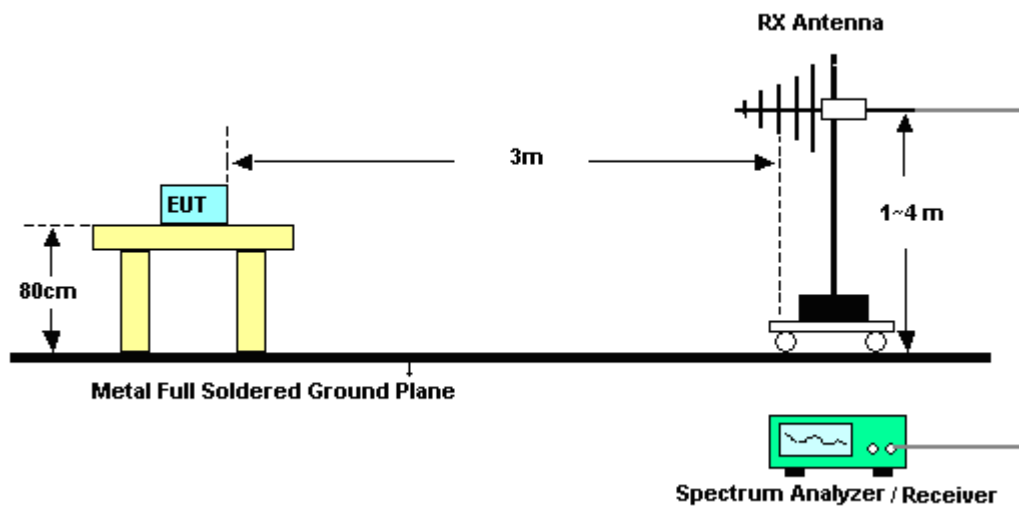
1. The testing follows the ANSI C63.10 Section 11.12.1 Radiated emission measurements.
2. The EUT is arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the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

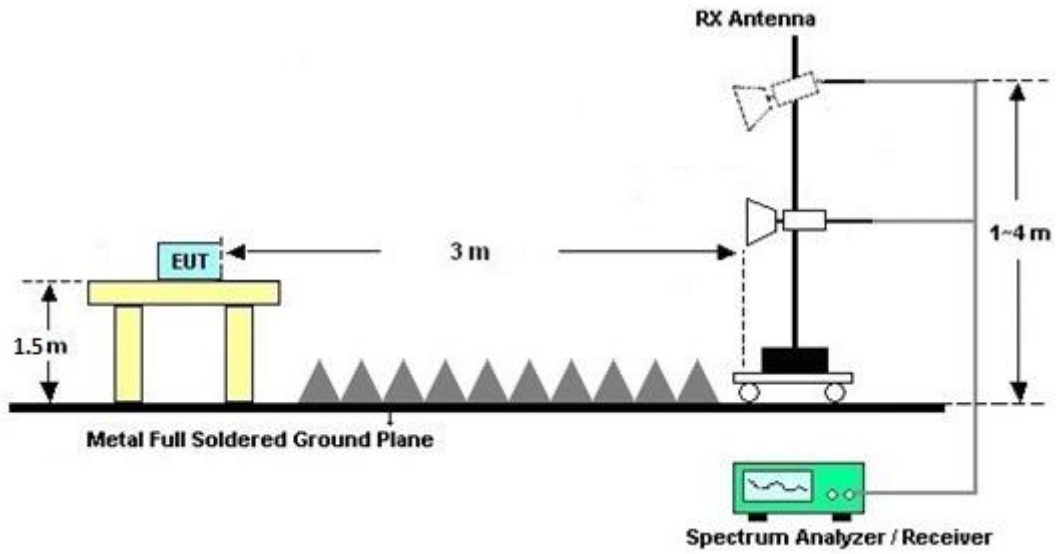
For radiated emissions below 30MHz



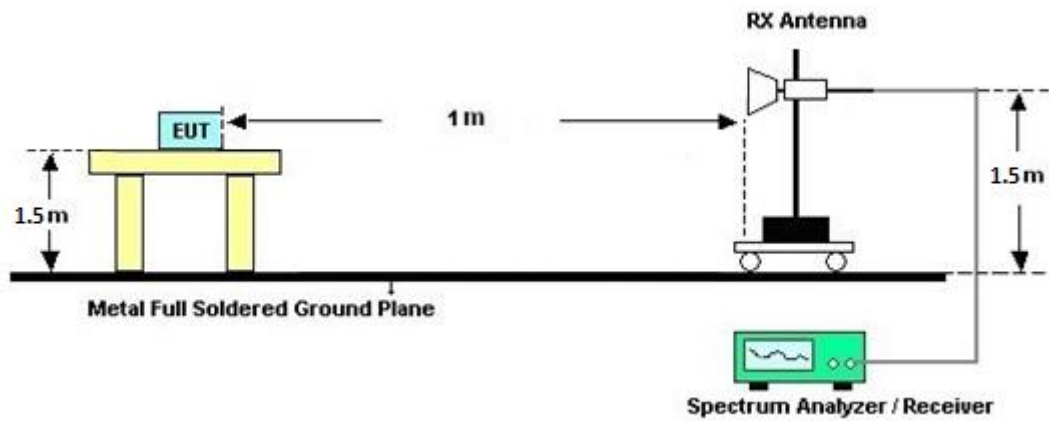
For radiated emissions from 30MHz to 1GHz



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.

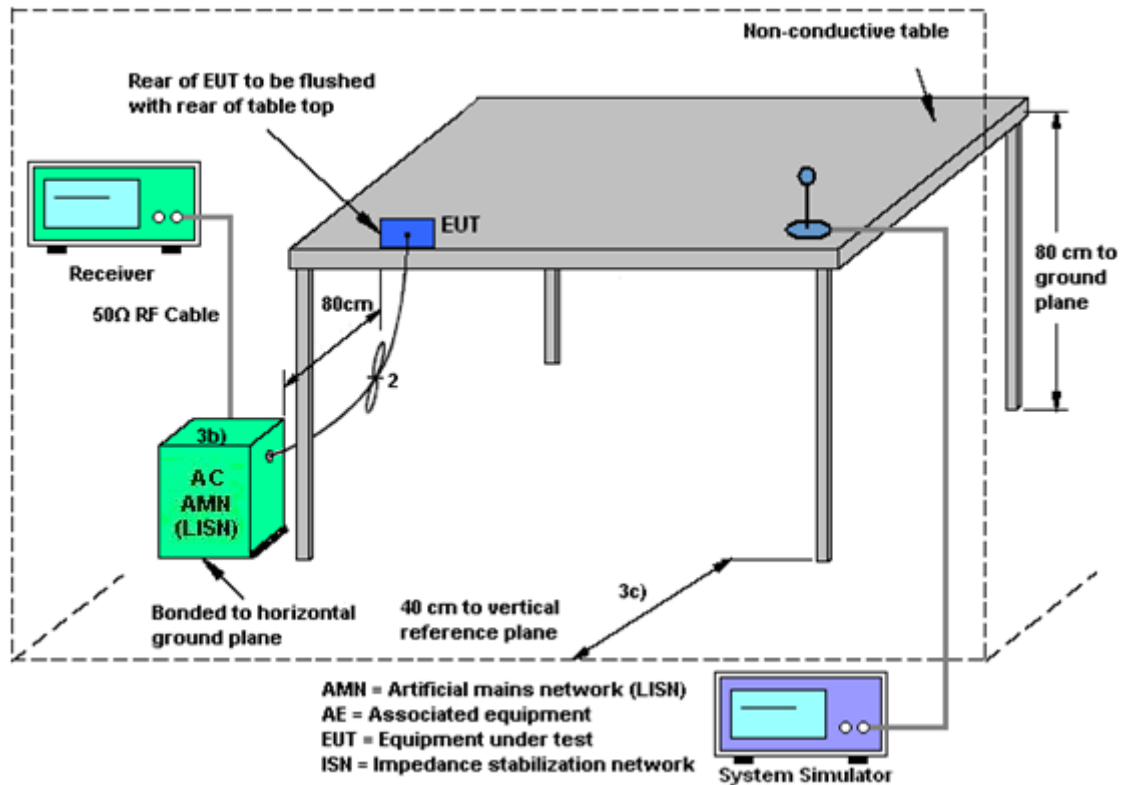
3.6.2 Measuring Instruments

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

The directional gain "DG" is calculated as following table.

			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	-0.50	-1.50	-0.50	2.02	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

$$10 \times \log \left\{ \left[10^{(-0.50 \text{ dBi} / 20)} + 10^{(-1.50 \text{ dBi} / 20)} \right]^2 / 2 \right\}$$

$$= 2.02 \text{ dBi}$$



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. 23, 2022~ May 19, 2022	Nov. 15, 2022	Conducted (TH05-HY)
Power Sensor	DARE	RPR3006W	16100054SNO 12 (NO:113)	10MHz~6GHz	Dec. 16, 2021	Mar. 23, 2022~ May 19, 2022	Dec. 15, 2022	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101566	10Hz~40GHz	Aug. 30, 2021	Mar. 23, 2022~ May 19, 2022	Aug. 29, 2022	Conducted (TH05-HY)
Switch Control Mainframe	E-IUSTRUMENT	ETF-1405-0	EC1900067 (BOX7)	N/A	Aug. 12, 2021	Mar. 23, 2022~ May 19, 2022	Aug. 11, 2022	Conducted (TH05-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N-06	35419 & 03	30MHz~1GHz	Apr. 28, 2021	Apr. 19, 2022~ Apr. 24, 2022	Apr. 27, 2022	Radiation (03CH07-HY)
Double Ridge Horn Antenna	ESCO	3117	00075962	1GHz ~ 18GHz	Dec. 03, 2021	Apr. 19, 2022~ Apr. 24, 2022	Dec. 02, 2022	Radiation (03CH07-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~30 MHz	Jan. 07, 2022	Apr. 19, 2022~ Apr. 24, 2022	Jan. 06, 2023	Radiation (03CH07-HY)
Preamplifier	MITEQ	AMF-7D-0010 1800-30-10P	1590075	1GHz~18GHz	Apr. 22, 2021	Apr. 19, 2022~ Apr. 20, 2022	Apr. 21, 2022	Radiation (03CH07-HY)
Preamplifier	MITEQ	AMF-7D-0010 1800-30-10P	1590075	1GHz~18GHz	Apr. 21, 2022	Apr. 21, 2022~ Apr. 24, 2022	Apr. 20, 2023	Radiation (03CH07-HY)
Preamplifier	COM-POWER	PA-103A	161241	10MHz~1GHz	Oct. 04, 2021	Apr. 19, 2022~ Apr. 24, 2022	Oct. 03, 2022	Radiation (03CH07-HY)
Preamplifier	Agilent	8449B	3008A02362	1GHz~26.5GHz	Oct. 04, 2021	Apr. 19, 2022~ Apr. 24, 2022	Oct. 03, 2022	Radiation (03CH07-HY)
Preamplifier	EMEC	EM18G40G	0600789	18-40GHz	Jul. 23, 2021	Apr. 19, 2022~ Apr. 24, 2022	Jul. 22, 2022	Radiation (03CH07-HY)
Spectrum Analyzer	Agilent	N9030A	MY52350276	3Hz~44GHz	Jul. 22, 2021	Apr. 19, 2022~ Apr. 24, 2022	Jul. 21, 2022	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY15682/4	30MHz to 18GHz	Feb. 23, 2022	Apr. 19, 2022~ Apr. 24, 2022	Feb. 22, 2023	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY24971/4	9kHz to 18GHz	Feb. 23, 2022	Apr. 19, 2022~ Apr. 24, 2022	Feb. 22, 2023	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY28655/4	9kHz to 18GHz	Feb. 23, 2022	Apr. 19, 2022~ Apr. 24, 2022	Feb. 22, 2023	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 126	532078/126E	30MHz~18GHz	Sep. 17, 2021	Apr. 19, 2022~ Apr. 24, 2022	Sep. 16, 2022	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY2858/2	18GHz~40GHz	Feb. 23, 2022	Apr. 19, 2022~ Apr. 24, 2022	Feb. 22, 2023	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	801606/2	9KHz ~ 40GHz	Apr. 14, 2022	Apr. 19, 2022~ Apr. 24, 2022	Apr. 13, 2023	Radiation (03CH07-HY)
Controller	EMEC	EM1000	N/A	Control Ant Mast	N/A	Apr. 19, 2022~ Apr. 24, 2022	N/A	Radiation (03CH07-HY)
Controller	MF	MF-7802	N/A	Control Turn table	N/A	Apr. 19, 2022~ Apr. 24, 2022	N/A	Radiation (03CH07-HY)
Antenna Mast	EMEC	AM-BS-4500E	N/A	Boresight mast 1M~4M	N/A	Apr. 19, 2022~ Apr. 24, 2022	N/A	Radiation (03CH07-HY)
Turn Table	ChainTek	Chaintek 3000	N/A	0~360 Degree	N/A	Apr. 19, 2022~ Apr. 24, 2022	N/A	Radiation (03CH07-HY)
Software	Audix	E3	N/A	N/A	N/A	Apr. 19, 2022~ Apr. 24, 2022	N/A	Radiation (03CH07-HY)
USB Data Logger	TECEP	TR-32	HE17XB1148	N/A	Oct. 25, 2021	Apr. 19, 2022~ Apr. 24, 2022	Oct. 24, 2022	Radiation (03CH07-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170251	18GHz~40GHz	Nov. 30, 2021	Apr. 19, 2022~ Apr. 24, 2022	Nov. 29, 2022	Radiation (03CH07-HY)



Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Apr. 20, 2022	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	9kHz~3.6GHz	Dec. 01, 2021	Apr. 20, 2022	Nov. 30, 2022	Conduction (CO05-HY)
Hygrometer	Testo	608-H1	34913912	N/A	Nov. 17, 2021	Apr. 20, 2022	Nov. 16, 2022	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100080	9kHz~30MHz	Dec. 03, 2021	Apr. 20, 2022	Dec. 02, 2022	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32	N/A	N/A	N/A	Apr. 20, 2022	N/A	Conduction (CO05-HY)
Pulse Limiter	SCHWARZBECK	VTSD 9561-FN	00691	N/A	Jul. 28, 2021	Apr. 20, 2022	Jul. 27, 2022	Conduction (CO05-HY)
LISN Cable	MVE	RG-400	260260	N/A	Dec. 30, 2021	Apr. 20, 2022	Dec. 29, 2022	Conduction (CO05-HY)

5 Uncertainty of Evaluation

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

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.1 dB
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Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)

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

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

Test Engineer:	Shiming Liu	Temperature:	21~25	°C
Test Date:	2022/3/23~2022/5/19	Relative Humidity:	51~54	%

TEST RESULTS DATA
6dB and 99% Occupied Bandwidth

2.4GHz Band Single Antenna										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Occupied BW (MHz)		6dB BW (MHz)		6dB BW Limit (MHz)	Pass/Fail
					Ant4	Ant3	Ant4	Ant3		
11b	1Mbps	1	1	2412	13.34	13.34	8.58	8.10	0.50	Pass
11b	1Mbps	1	6	2437	13.34	13.44	8.60	8.10	0.50	Pass
11b	1Mbps	1	11	2462	13.49	13.54	8.06	8.60	0.50	Pass
11b	1Mbps	1	12	2467	13.49	13.54	8.54	8.60	0.50	Pass
11b	1Mbps	1	13	2472	13.39	13.29	8.58	7.14	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	18.38	18.23	15.95	16.35	0.50	Pass
11g	6Mbps	2	6	2437	21.28	20.53	16.35	16.35	0.50	Pass
11g	6Mbps	2	11	2462	18.73	18.23	15.77	15.75	0.50	Pass
11g	6Mbps	2	12	2467	18.73	18.28	16.35	16.35	0.50	Pass
11g	6Mbps	2	13	2472	17.98	17.83	15.95	16.39	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	22.95	21.85		30.00	30.00	-0.50	-1.50	22.45	20.35	36.00	36.00	Pass
11b	1Mbps	1	6	2437	22.85	22.75		30.00	30.00	-0.50	-1.50	22.35	21.25	36.00	36.00	Pass
11b	1Mbps	1	11	2462	22.65	22.75		30.00	30.00	-0.50	-1.50	22.15	21.25	36.00	36.00	Pass
11b	1Mbps	1	12	2467	22.55	22.55		30.00	30.00	-0.50	-1.50	22.05	21.05	36.00	36.00	Pass
11b	1Mbps	1	13	2472	22.25	20.55		30.00	30.00	-0.50	-1.50	21.75	19.05	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	20.00	19.65	22.84	30.00		-0.50		22.34		36.00		Pass
11g	6Mbps	2	6	2437	22.95	22.05	25.53	30.00		-0.50		25.03		36.00		Pass
11g	6Mbps	2	11	2462	19.95	19.55	22.76	30.00		-0.50		22.26		36.00		Pass
11g	6Mbps	2	12	2467	18.25	17.75	21.02	30.00		-0.50		20.52		36.00		Pass
11g	6Mbps	2	13	2472	16.25	15.85	19.06	30.00		-0.50		18.56		36.00		Pass
HT20	MCS0	2	1	2412	19.55	18.85	22.22	30.00		-0.50		21.72		36.00		Pass
HT20	MCS0	2	6	2437	22.75	22.05	25.42	30.00		-0.50		24.92		36.00		Pass
HT20	MCS0	2	11	2462	19.05	18.85	21.96	30.00		-0.50		21.46		36.00		Pass
HT20	MCS0	2	12	2467	17.95	17.65	20.81	30.00		-0.50		20.31		36.00		Pass
HT20	MCS0	2	13	2472	16.65	16.25	19.46	30.00		-0.50		18.96		36.00		Pass
VHT20	MCS0	2	1	2412	19.65	18.95	22.32	30.00		-0.50		21.82		36.00		Pass
VHT20	MCS0	2	6	2437	22.85	22.15	25.52	30.00		-0.50		25.02		36.00		Pass
VHT20	MCS0	2	11	2462	19.15	18.95	22.06	30.00		-0.50		21.56		36.00		Pass
VHT20	MCS0	2	12	2467	18.05	17.75	20.91	30.00		-0.50		20.41		36.00		Pass
VHT20	MCS0	2	13	2472	16.75	16.35	19.56	30.00		-0.50		19.06		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	0.44	-0.87		-0.50	-1.50	8.00	8.00	Pass
11b	1Mbps	1	6	2437	0.59	0.25		-0.50	-1.50	8.00	8.00	Pass
11b	1Mbps	1	11	2462	0.13	0.18		-0.50	-1.50	8.00	8.00	Pass
11b	1Mbps	1	12	2467	-0.11	0.06		-0.50	-1.50	8.00	8.00	Pass
11b	1Mbps	1	13	2472	-0.16	-2.11		-0.50	-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	-5.79	-6.04	-2.78	2.02		8.00		Pass
11g	6Mbps	2	6	2437	-2.74	-3.35	0.27	2.02		8.00		Pass
11g	6Mbps	2	11	2462	-5.68	-5.95	-2.67	2.02		8.00		Pass
11g	6Mbps	2	12	2467	-7.58	-7.65	-4.57	2.02		8.00		Pass
11g	6Mbps	2	13	2472	-9.46	-9.68	-6.45	2.02		8.00		Pass

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	19.58	19.73	18.17	18.67	0.50	Pass
HE20	MCS0	2	6	2437	Full	22.73	21.83	18.69	17.92	0.50	Pass
HE20	MCS0	2	11	2462	Full	19.78	19.68	17.69	18.21	0.50	Pass
HE20	MCS0	2	12	2467	Full	19.78	19.73	18.89	18.19	0.50	Pass
HE20	MCS0	2	13	2472	Full	19.48	19.43	18.04	17.87	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	19.75	19.05	22.42	30.00		-0.50		21.92		36.00		Pass
HE20	MCS0	2	1	2412	26/0	10.15	10.85	13.52	30.00		-0.50		13.02		36.00		Pass
HE20	MCS0	2	1	2412	52/37	11.95	12.25	15.11	30.00		-0.50		14.61		36.00		Pass
HE20	MCS0	2	1	2412	106/53	15.35	15.55	18.46	30.00		-0.50		17.96		36.00		Pass
HE20	MCS0	2	6	2437	Full	22.95	22.25	25.62	30.00		-0.50		25.12		36.00		Pass
HE20	MCS0	2	6	2437	26/4	14.55	13.85	17.22	30.00		-0.50		16.72		36.00		Pass
HE20	MCS0	2	6	2437	52/39	17.45	16.35	19.95	30.00		-0.50		19.45		36.00		Pass
HE20	MCS0	2	6	2437	106/53	19.55	18.55	22.09	30.00		-0.50		21.59		36.00		Pass
HE20	MCS0	2	11	2462	Full	19.25	19.05	22.16	30.00		-0.50		21.66		36.00		Pass
HE20	MCS0	2	11	2462	26/8	9.85	9.75	12.81	30.00		-0.50		12.31		36.00		Pass
HE20	MCS0	2	11	2462	52/40	12.45	12.15	15.31	30.00		-0.50		14.81		36.00		Pass
HE20	MCS0	2	11	2462	106/54	15.35	15.25	18.31	30.00		-0.50		17.81		36.00		Pass
HE20	MCS0	2	12	2467	Full	18.15	17.85	21.01	30.00		-0.50		20.51		36.00		Pass
HE20	MCS0	2	12	2467	26/8	8.95	8.95	11.96	30.00		-0.50		11.46		36.00		Pass
HE20	MCS0	2	12	2467	52/40	11.75	11.25	14.52	30.00		-0.50		14.02		36.00		Pass
HE20	MCS0	2	12	2467	106/54	14.35	13.55	16.98	30.00		-0.50		16.48		36.00		Pass
HE20	MCS0	2	13	2472	Full	16.85	16.45	19.66	30.00		-0.50		19.16		36.00		Pass
HE20	MCS0	2	13	2472	26/8	6.95	6.95	9.96	30.00		-0.50		9.46		36.00		Pass
HE20	MCS0	2	13	2472	52/40	10.05	9.95	13.01	30.00		-0.50		12.51		36.00		Pass
HE20	MCS0	2	13	2472	106/54	12.75	12.15	15.47	30.00		-0.50		14.97		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	-7.39	-7.78	-4.38	2.02		8.00		Pass
HE20	MCS0	2	1	2412	26/0	-7.62	-7.95	-4.61	2.02		8.00		Pass
HE20	MCS0	2	1	2412	52/37	-7.43	-8.11	-4.42	2.02		8.00		Pass
HE20	MCS0	2	1	2412	106/53	-7.79	-8.23	-4.78	2.02		8.00		Pass
HE20	MCS0	2	6	2437	Full	-3.88	-4.72	-0.87	2.02		8.00		Pass
HE20	MCS0	2	6	2437	26/4	-3.98	-4.78	-0.97	2.02		8.00		Pass
HE20	MCS0	2	6	2437	52/39	-4.03	-5.13	-1.02	2.02		8.00		Pass
HE20	MCS0	2	6	2437	106/53	-3.99	-5.18	-0.98	2.02		8.00		Pass
HE20	MCS0	2	11	2462	Full	-7.66	-7.50	-4.49	2.02		8.00		Pass
HE20	MCS0	2	11	2462	26/8	-8.05	-7.83	-4.82	2.02		8.00		Pass
HE20	MCS0	2	11	2462	52/40	-7.89	-7.92	-4.88	2.02		8.00		Pass
HE20	MCS0	2	11	2462	106/54	-7.98	-7.60	-4.59	2.02		8.00		Pass
HE20	MCS0	2	12	2467	Full	-8.44	-8.96	-5.43	2.02		8.00		Pass
HE20	MCS0	2	12	2467	26/8	-8.63	-9.35	-5.62	2.02		8.00		Pass
HE20	MCS0	2	12	2467	52/40	-8.59	-9.15	-5.58	2.02		8.00		Pass
HE20	MCS0	2	12	2467	106/54	-8.79	-9.39	-5.78	2.02		8.00		Pass
HE20	MCS0	2	13	2472	Full	-9.65	-9.87	-6.64	2.02		8.00		Pass
HE20	MCS0	2	13	2472	26/8	-10.01	-10.08	-7.00	2.02		8.00		Pass
HE20	MCS0	2	13	2472	52/40	-9.73	-10.08	-6.72	2.02		8.00		Pass
HE20	MCS0	2	13	2472	106/54	-9.78	-10.19	-6.77	2.02		8.00		Pass

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



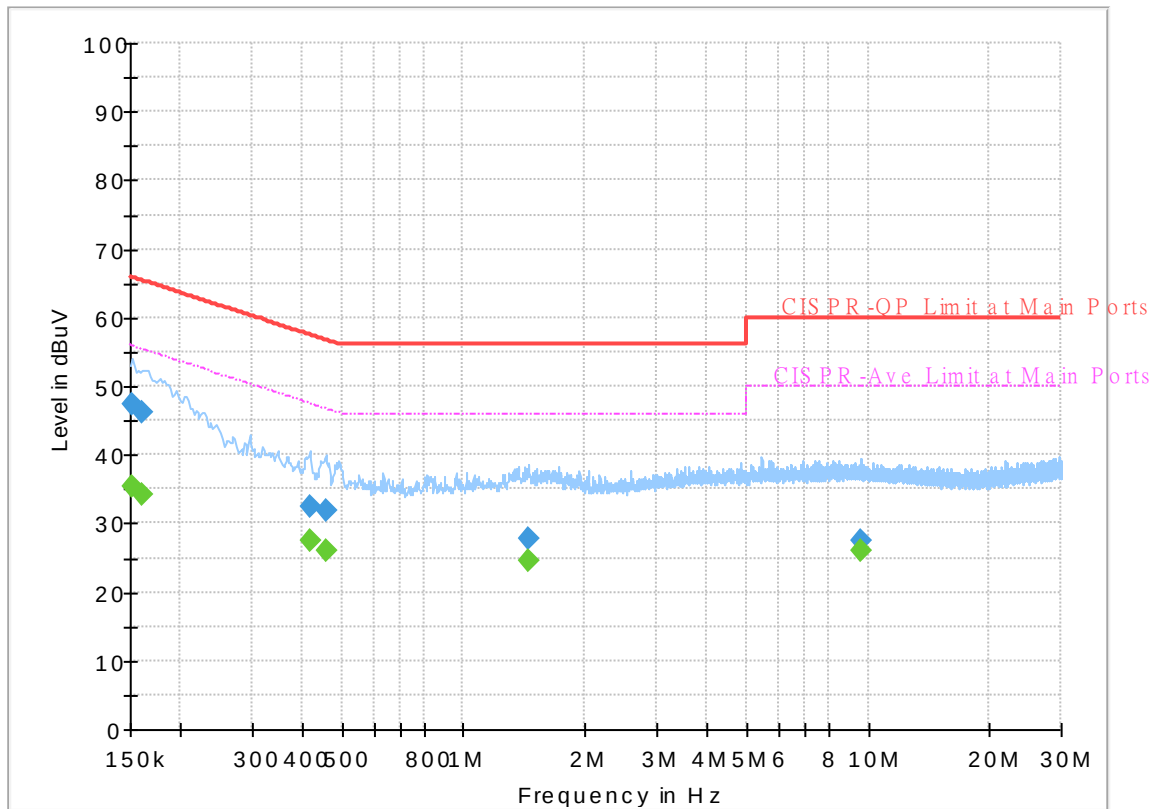
Appendix B. AC Conducted Emission Test Results

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

EUT Information

Report NO : 1O2843-05
Test Mode : Mode 1
Test Voltage : 120Vac/60Hz
Phase : Line

Full Spectrum



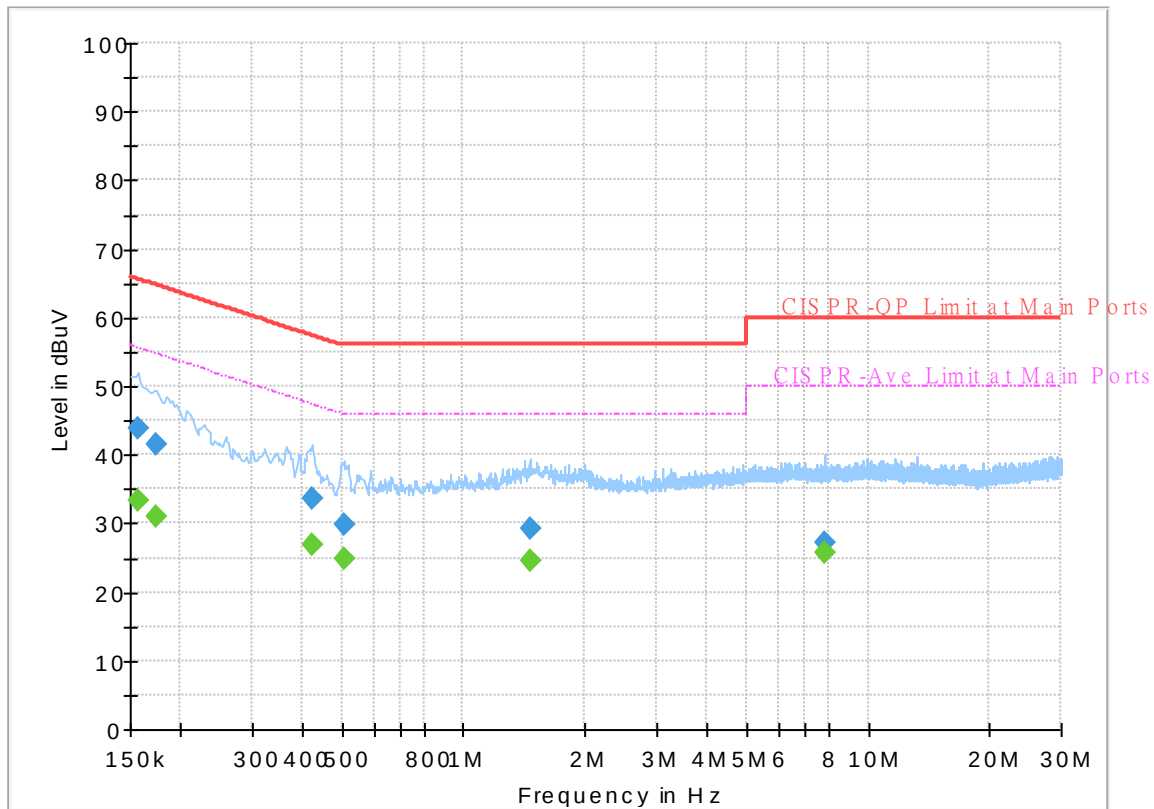
Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	35.48	55.88	20.40	L1	OFF	19.6
0.152250	47.46	---	65.88	18.42	L1	OFF	19.6
0.161250	---	34.21	55.40	21.19	L1	OFF	19.6
0.161250	46.10	---	65.40	19.30	L1	OFF	19.6
0.417750	---	27.44	47.49	20.05	L1	OFF	19.6
0.417750	32.48	---	57.49	25.01	L1	OFF	19.6
0.456000	---	26.14	46.77	20.63	L1	OFF	19.6
0.456000	31.83	---	56.77	24.94	L1	OFF	19.6
1.450500	---	24.65	46.00	21.35	L1	OFF	19.7
1.450500	27.73	---	56.00	28.27	L1	OFF	19.7
9.577500	---	25.97	50.00	24.03	L1	OFF	20.1
9.577500	27.45	---	60.00	32.55	L1	OFF	20.1

EUT Information

Report NO : 1O2843-05
Test Mode : Mode 1
Test Voltage : 120Vac/60Hz
Phase : Neutral

Full Spectrum



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.156750	---	33.39	55.63	22.24	N	OFF	19.6
0.156750	44.00	---	65.63	21.63	N	OFF	19.6
0.174750	---	31.14	54.73	23.59	N	OFF	19.6
0.174750	41.62	---	64.73	23.11	N	OFF	19.6
0.422250	---	26.79	47.40	20.61	N	OFF	19.6
0.422250	33.59	---	57.40	23.81	N	OFF	19.6
0.505500	---	24.89	46.00	21.11	N	OFF	19.6
0.505500	29.79	---	56.00	26.21	N	OFF	19.6
1.457250	---	24.68	46.00	21.32	N	OFF	19.7
1.457250	29.36	---	56.00	26.64	N	OFF	19.7
7.813500	---	25.70	50.00	24.30	N	OFF	20.0
7.813500	27.24	---	60.00	32.76	N	OFF	20.0



Appendix C. Radiated Spurious Emission

Test Engineer :	Jesse Wang, Stan Hsieh, Ken Wu	Temperature :	22.8~24.9°C
		Relative Humidity :	52.6~61.1%



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		2389.275	56.7	-17.3	74	42.27	31.4	18.44	35.41	126	151	P	H
		2389.17	49.26	-4.74	54	34.83	31.4	18.44	35.41	126	151	A	H
	*	2412	109.62	-	-	95.04	31.5	18.5	35.42	126	151	P	H
	*	2412	106.31	-	-	91.73	31.5	18.5	35.42	126	151	A	H
													H
													H
		2389.59	56.78	-17.22	74	42.34	31.4	18.45	35.41	400	82	P	V
		2389.275	49.12	-4.88	54	34.69	31.4	18.44	35.41	400	82	A	V
	*	2412	108.31	-	-	93.73	31.5	18.5	35.42	400	82	P	V
	*	2412	105.43	-	-	90.85	31.5	18.5	35.42	400	82	A	V
													V
													V
802.11b CH 06 2437MHz		2348.92	53.37	-20.63	74	39.05	31.4	18.32	35.4	133	112	P	H
		2389.94	43.04	-10.96	54	28.61	31.4	18.45	35.42	133	112	A	H
	*	2437	111.89	-	-	97.09	31.7	18.53	35.43	133	112	P	H
	*	2437	108.25	-	-	93.45	31.7	18.53	35.43	133	112	A	H
		2497.69	55.77	-18.23	74	40.43	32.18	18.62	35.46	133	112	P	H
		2494.33	43.98	-10.02	54	28.67	32.15	18.62	35.46	133	112	A	H
		2310	53.95	-20.05	74	39.56	31.56	18.21	35.38	306	82	P	V
		2387.7	43.03	-10.97	54	28.6	31.4	18.44	35.41	306	82	A	V
	*	2437	109.28	-	-	94.48	31.7	18.53	35.43	306	82	P	V
	*	2437	106.28	-	-	91.48	31.7	18.53	35.43	306	82	A	V
		2497.83	54.83	-19.17	74	39.48	32.18	18.63	35.46	306	82	P	V
		2497.76	44.01	-9.99	54	28.66	32.18	18.63	35.46	306	82	A	V



802.11b CH 11 2462MHz	*	2462	109.97	-	-	94.94	31.9	18.57	35.44	152	113	P	H
	*	2462	106.85	-	-	91.82	31.9	18.57	35.44	152	113	A	H
		2493	54.59	-19.41	74	39.3	32.14	18.61	35.46	152	113	P	H
		2484.76	44.25	-9.75	54	29.01	32.08	18.61	35.45	152	113	A	H
													H
													H
	*	2462	110.17	-	-	95.14	31.9	18.57	35.44	383	83	P	V
	*	2462	105.9	-	-	90.87	31.9	18.57	35.44	383	83	A	V
		2490.04	55.28	-18.72	74	40	32.12	18.61	35.45	383	83	P	V
		2484.68	44.21	-9.79	54	28.97	32.08	18.61	35.45	383	83	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	110.08	-	-	95.01	31.94	18.58	35.45	152	112	P	H
	*	2467	106.79	-	-	91.72	31.94	18.58	35.45	152	112	A	H
		2484.4	56.18	-17.82	74	40.94	32.08	18.61	35.45	152	112	P	H
		2484.56	46.84	-7.16	54	31.6	32.08	18.61	35.45	152	112	A	H
													H
													H
	*	2467	109.65	-	-	94.58	31.94	18.58	35.45	382	83	P	V
	*	2467	106.14	-	-	91.07	31.94	18.58	35.45	382	83	A	V
		2486.88	55.86	-18.14	74	40.61	32.1	18.6	35.45	382	83	P	V
		2483.52	46.8	-7.2	54	31.58	32.07	18.6	35.45	382	83	A	V
													V
													V
802.11b CH 13 2472MHz	*	2472	109.57	-	-	94.45	31.98	18.59	35.45	102	111	P	H
	*	2472	106.39	-	-	91.27	31.98	18.59	35.45	102	111	A	H
		2486.08	58.69	-15.31	74	43.44	32.09	18.61	35.45	102	111	P	H
		2486.68	52.16	-1.84	54	36.92	32.09	18.6	35.45	102	111	A	H
													H
													H
	*	2472	110.57	-	-	95.45	31.98	18.59	35.45	385	80	P	V
	*	2472	106.08	-	-	90.96	31.98	18.59	35.45	385	80	A	V
		2483.72	57.9	-16.1	74	42.68	32.07	18.6	35.45	385	80	P	V
		2483.52	51.22	-2.78	54	36	32.07	18.6	35.45	385	80	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	41.49	-32.51	74	52.68	34.05	12.73	57.97	-	-	P	H
		14475	47.82	-26.18	74	44.71	39.55	21.65	58.09	-	-	P	H
		16155	48.14	-25.86	74	41.02	41.2	22.69	56.77	-	-	P	H
		16155	38.4	-15.6	54	31.28	41.2	22.69	56.77	-	-	A	H
		17805	49.85	-24.15	74	40.76	41.59	23.6	56.1	-	-	P	H
		17805	40.05	-13.95	54	30.96	41.59	23.6	56.1	-	-	A	H
													H
													H
													H
													H
													H
													H
		4824	43.25	-30.75	74	54.44	34.05	12.73	57.97	-	-	P	V
		14499	46.96	-27.04	74	43.79	39.6	21.66	58.09	-	-	P	V
		16200	48.4	-25.6	74	41.23	41.2	22.72	56.75	-	-	P	V
		16200	38.59	-15.41	54	31.42	41.2	22.72	56.75	-	-	A	V
		17700	50.29	-23.71	74	41.4	41.5	23.55	56.16	-	-	P	V
		17700	40.54	-13.46	54	31.65	41.5	23.55	56.16	-	-	A	V
													V
													V
													V
													V
													V
													V



WIFI Ant. 4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11b CH 06 2437MHz		4874	42.17	-31.83	74	53.28	34.05	12.75	57.91	-	-	P	H
		7311	41.54	-32.46	74	48.77	35.64	15.04	57.91	-	-	P	H
		14490	47.48	-26.52	74	44.34	39.58	21.65	58.09	-	-	P	H
		15990	47.79	-26.21	74	41.04	40.99	22.6	56.84	-	-	P	H
		17850	50.68	-23.32	74	41.63	41.5	23.62	56.07	-	-	P	H
		17850	40.94	-13.06	54	31.89	41.5	23.62	56.07	-	-	A	H
													H
													H
													H
													H
													H
													H
		4874	42.07	-31.93	74	53.18	34.05	12.75	57.91	-	-	P	V
		7311	41.7	-32.3	74	48.93	35.64	15.04	57.91	-	-	P	V
		14499	47.11	-26.89	74	43.94	39.6	21.66	58.09	-	-	P	V
		15870	47.87	-26.13	74	41.45	40.84	22.52	56.94	-	-	P	V
		17820	50.65	-23.35	74	41.57	41.56	23.61	56.09	-	-	P	V
		17820	40.82	-13.18	54	31.74	41.56	23.61	56.09	-	-	A	V
													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 11 2462MHz		4924	41.39	-32.61	74	52.4	34.05	12.79	57.85	-	-	P	H	
		7386	40.46	-33.54	74	47.57	35.87	15	57.98	-	-	P	H	
		14475	47.46	-26.54	74	44.35	39.55	21.65	58.09	-	-	P	H	
		15705	47.88	-26.12	74	42.13	40.42	22.41	57.08	-	-	P	H	
		17880	49.89	-24.11	74	40.85	41.44	23.65	56.05	-	-	P	H	
		17880	40	-14	54	30.96	41.44	23.65	56.05	-	-	A	H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
		4924	41.92	-32.08	74	52.93	34.05	12.79	57.85	-	-	P	V	
		7386	41.82	-32.18	74	48.93	35.87	15	57.98	-	-	P	V	
		14499	47.1	-26.9	74	43.93	39.6	21.66	58.09	-	-	P	V	
		16170	47.91	-26.09	74	40.79	41.2	22.69	56.77	-	-	P	V	
		17850	49.99	-24.01	74	40.94	41.5	23.62	56.07	-	-	P	V	
		17850	50.28	-3.72	54	41.23	41.5	23.62	56.07	-	-	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	41.92	-32.08	74	52.9	34.07	12.79	57.84	-	-	P	H
		7401	41.23	-32.77	74	48.34	35.9	14.99	58	-	-	P	H
		14490	47.02	-26.98	74	43.88	39.58	21.65	58.09	-	-	P	H
		16140	47.99	-26.01	74	40.89	41.2	22.68	56.78	-	-	P	H
		17790	50.05	-23.95	74	40.97	41.59	23.6	56.11	-	-	P	H
		17790	40.27	-13.73	54	31.19	41.59	23.6	56.11	-	-	A	H
													H
													H
													H
													H
													H
													H
		4934	42.26	-31.74	74	53.24	34.07	12.79	57.84	-	-	P	V
		7401	41.18	-32.82	74	48.29	35.9	14.99	58	-	-	P	V
		14490	47.09	-26.91	74	43.95	39.58	21.65	58.09	-	-	P	V
		16125	47.85	-26.15	74	40.76	41.2	22.67	56.78	-	-	P	V
		17775	50.1	-23.9	74	41.05	41.57	23.59	56.11	-	-	P	V
		17775	40.22	-13.78	54	31.17	41.57	23.59	56.11	-	-	A	V
													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	41.5	-32.5	74	52.44	34.09	12.8	57.83	-	-	P	H	
		7416	41.01	-32.99	74	48.15	35.87	15	58.01	-	-	P	H	
		14475	46.9	-27.1	74	43.79	39.55	21.65	58.09	-	-	P	H	
		16155	47.94	-26.06	74	40.82	41.2	22.69	56.77	-	-	P	H	
		17805	49.66	-24.34	74	40.57	41.59	23.6	56.1	-	-	P	H	
		17805	39.82	-14.18	54	30.73	41.59	23.6	56.1	-	-	A	H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
		4944	44.22	-29.78	74	55.16	34.09	12.8	57.83	-	-	P	V	
		7416	40.42	-33.58	74	47.56	35.87	15	58.01	-	-	P	V	
		14475	47.3	-26.7	74	44.19	39.55	21.65	58.09	-	-	P	V	
		16155	47.53	-26.47	74	40.41	41.2	22.69	56.77	-	-	P	V	
		17835	50.11	-23.89	74	41.04	41.53	23.62	56.08	-	-	P	V	
		17835	40.29	-13.71	54	31.22	41.53	23.62	56.08	-	-	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.													



2.4GHz 2400~2483.5MHz

WIFI 802.11b (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
3		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b CH 01 2412MHz		2389.275	59.05	-14.95	74	44.62	31.4	18.44	35.41	123	31	P	H
		2389.065	52.32	-1.68	54	37.89	31.4	18.44	35.41	123	31	A	H
	*	2412	108.47	-	-	93.89	31.5	18.5	35.42	123	31	P	H
	*	2412	105.29	-	-	90.71	31.5	18.5	35.42	123	31	A	H
													H
													H
		2389.905	58.9	-15.1	74	44.47	31.4	18.45	35.42	400	118	P	V
		2389.17	51.93	-2.07	54	37.5	31.4	18.44	35.41	400	118	A	V
	*	2412	106.71	-	-	92.13	31.5	18.5	35.42	400	118	P	V
	*	2412	103.62	-	-	89.04	31.5	18.5	35.42	400	118	A	V
													V
													V
802.11b CH 06 2437MHz		2386.3	54.26	-19.74	74	39.83	31.4	18.44	35.41	100	92	P	H
		2388.26	43.08	-10.92	54	28.65	31.4	18.44	35.41	100	92	A	H
	*	2437	110.36	-	-	95.56	31.7	18.53	35.43	100	92	P	H
	*	2437	107.27	-	-	92.47	31.7	18.53	35.43	100	92	A	H
		2486.7	54.55	-19.45	74	39.31	32.09	18.6	35.45	100	92	P	H
		2498.88	44.04	-9.96	54	28.68	32.19	18.63	35.46	100	92	A	H
		2325.26	53.77	-20.23	74	39.41	31.5	18.25	35.39	386	120	P	V
		2389.94	43.08	-10.92	54	28.65	31.4	18.45	35.42	386	120	A	V
	*	2437	108.96	-	-	94.16	31.7	18.53	35.43	386	120	P	V
	*	2437	105.79	-	-	90.99	31.7	18.53	35.43	386	120	A	V
		2496.36	54.5	-19.5	74	39.17	32.17	18.62	35.46	386	120	P	V
		2497.97	44.01	-9.99	54	28.66	32.18	18.63	35.46	386	120	A	V



802.11b CH 11 2462MHz	*	2462	110.2	-	-	95.17	31.9	18.57	35.44	203	95	P	H
	*	2462	107.1	-	-	92.07	31.9	18.57	35.44	203	95	A	H
		2490.36	54.52	-19.48	74	39.24	32.12	18.61	35.45	203	95	P	H
		2483.52	45.81	-8.19	54	30.59	32.07	18.6	35.45	203	95	A	H
													H
													H
	*	2462	109.25	-	-	94.22	31.9	18.57	35.44	386	120	P	V
	*	2462	106.12	-	-	91.09	31.9	18.57	35.44	386	120	A	V
		2484.72	55.15	-18.85	74	39.91	32.08	18.61	35.45	386	120	P	V
		2483.52	45.05	-8.95	54	29.83	32.07	18.6	35.45	386	120	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	*	2462	109.98	-	-	94.95	31.9	18.57	35.44	236	92	P	H
	*	2462	106.89	-	-	91.86	31.9	18.57	35.44	236	92	A	H
		2484.56	57.39	-16.61	74	42.15	32.08	18.61	35.45	236	92	P	H
		2484.52	50.47	-3.53	54	35.23	32.08	18.61	35.45	236	92	A	H
													H
													H
	*	2462	108.28	-	-	93.25	31.9	18.57	35.44	388	122	P	V
	*	2462	105.19	-	-	90.16	31.9	18.57	35.44	388	122	A	V
		2486.16	55.42	-18.58	74	40.17	32.09	18.61	35.45	388	122	P	V
		2484.52	47.84	-6.16	54	32.6	32.08	18.61	35.45	388	122	A	V
													V
													V
802.11b CH 13 2472MHz	*	2472	107.82	-	-	92.7	31.98	18.59	35.45	117	93	P	H
	*	2472	104.75	-	-	89.63	31.98	18.59	35.45	117	93	A	H
		2486.64	58.27	-15.73	74	43.02	32.09	18.61	35.45	117	93	P	H
		2486.68	52.06	-1.94	54	36.82	32.09	18.6	35.45	117	93	A	H
													H
													H
	*	2472	105.29	-	-	90.17	31.98	18.59	35.45	330	118	P	V
	*	2472	102.41	-	-	87.29	31.98	18.59	35.45	330	118	A	V
		2485.72	57.4	-16.6	74	42.15	32.09	18.61	35.45	330	118	P	V
		2486.68	50.82	-3.18	54	35.58	32.09	18.6	35.45	330	118	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	44.33	-29.67	74	55.52	34.05	12.73	57.97	-	-	P	H
		14499	47.32	-26.68	74	44.15	39.6	21.66	58.09	-	-	P	H
		16155	47.94	-26.06	74	40.82	41.2	22.69	56.77	-	-	P	H
		17820	50.45	-23.55	74	41.37	41.56	23.61	56.09	-	-	P	H
		17820	40.52	-13.48	54	31.44	41.56	23.61	56.09	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
		4824	44.24	-29.76	74	55.43	34.05	12.73	57.97	-	-	P	V
		14475	47.27	-26.73	74	44.16	39.55	21.65	58.09	-	-	P	V
		16140	47.85	-26.15	74	40.75	41.2	22.68	56.78	-	-	P	V
		17775	49.78	-24.22	74	40.73	41.57	23.59	56.11	-	-	P	V
		17775	40.01	-13.99	54	30.96	41.57	23.59	56.11	-	-	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 06 2437MHz		4874	43.04	-30.96	74	54.15	34.05	12.75	57.91	-	-	P	H
		7311	41.88	-32.12	74	49.11	35.64	15.04	57.91	-	-	P	H
		14490	47.67	-26.33	74	44.53	39.58	21.65	58.09	-	-	P	H
		15510	47.76	-26.24	74	42.51	40.2	22.3	57.25	-	-	P	H
		17715	49.95	-24.05	74	41.04	41.51	23.55	56.15	-	-	P	H
		17715	40.11	-13.89	54	31.2	41.51	23.55	56.15	-	-	A	H
													H
													H
													H
													H
													H
													H
		4874	42	-32	74	53.11	34.05	12.75	57.91	-	-	P	V
		7311	42.42	-31.58	74	49.65	35.64	15.04	57.91	-	-	P	V
		14499	47.27	-26.73	74	44.1	39.6	21.66	58.09	-	-	P	V
		15825	47.88	-26.12	74	41.62	40.75	22.49	56.98	-	-	P	V
		17940	49.83	-24.17	74	40.74	41.44	23.67	56.02	-	-	P	V
		17940	39.96	-14.04	54	30.87	41.44	23.67	56.02	-	-	A	V
													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	43.78	-30.22	74	54.79	34.05	12.79	57.85	-	-	P	H	
		7386	40.46	-33.54	74	47.57	35.87	15	57.98	-	-	P	H	
		14475	47.4	-26.6	74	44.29	39.55	21.65	58.09	-	-	P	H	
		15795	47.92	-26.08	74	41.76	40.69	22.48	57.01	-	-	P	H	
		17715	49.65	-24.35	74	40.74	41.51	23.55	56.15	-	-	P	H	
		17715	39.69	-14.31	54	30.78	41.51	23.55	56.15	-	-	A	H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
		4924	44.94	-29.06	74	55.95	34.05	12.79	57.85	-	-	P	V	
		7386	40.8	-33.2	74	47.91	35.87	15	57.98	-	-	P	V	
		14490	46.82	-27.18	74	43.68	39.58	21.65	58.09	-	-	P	V	
		16020	47.8	-26.2	74	40.96	41.04	22.62	56.82	-	-	P	V	
		17910	50.01	-23.99	74	40.97	41.41	23.66	56.03	-	-	P	V	
		17910	40.1	-13.9	54	31.06	41.41	23.66	56.03	-	-	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. 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	44.58	-29.42	74	55.56	34.07	12.79	57.84	-	-	P	H
		7401	41.32	-32.68	74	48.43	35.9	14.99	58	-	-	P	H
		14475	47.25	-26.75	74	44.14	39.55	21.65	58.09	-	-	P	H
		16185	47.87	-26.13	74	40.73	41.2	22.7	56.76	-	-	P	H
		17700	50.23	-23.77	74	41.34	41.5	23.55	56.16	-	-	P	H
		17700	40.31	-13.69	54	31.42	41.5	23.55	56.16	-	-	A	H
													H
													H
													H
													H
													H
													H
		4934	43.25	-30.75	74	54.23	34.07	12.79	57.84	-	-	P	V
		7401	40.51	-33.49	74	47.62	35.9	14.99	58	-	-	P	V
		14490	46.89	-27.11	74	43.75	39.58	21.65	58.09	-	-	P	V
		16020	47.93	-26.07	74	41.09	41.04	22.62	56.82	-	-	P	V
		17955	49.96	-24.04	74	40.82	41.46	23.69	56.01	-	-	P	V
		17955	40.09	-13.91	54	30.95	41.46	23.69	56.01	-	-	A	V
													V
													V
													V
													V
													V
													V

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.	
Ant. 3		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	Factor (dB/m)	Loss (dB)	Factor (dB)	Pos (cm)	Pos (deg)	Avg. (P/A)	(H/V)	
802.11b CH 13 2472MHz		4944	45.42	-28.58	74	56.36	34.09	12.8	57.83	-	-	P	H	
		7416	41.49	-32.51	74	48.63	35.87	15	58.01	-	-	P	H	
		14490	47.66	-26.34	74	44.52	39.58	21.65	58.09	-	-	P	H	
		16140	47.93	-26.07	74	40.83	41.2	22.68	56.78	-	-	P	H	
		17745	49.83	-24.17	74	40.85	41.54	23.57	56.13	-	-	P	H	
		17745	39.95	-14.05	54	30.97	41.54	23.57	56.13	-	-	A	H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
		4944	44.28	-29.72	74	55.22	34.09	12.8	57.83	-	-	P	V	
		7416	41.31	-32.69	74	48.45	35.87	15	58.01	-	-	P	V	
		14475	47.9	-26.1	74	44.79	39.55	21.65	58.09	-	-	P	V	
		16005	47.97	-26.03	74	41.19	41.01	22.6	56.83	-	-	P	V	
		17820	50.22	-23.78	74	41.14	41.56	23.61	56.09	-	-	P	V	
		17820	40.27	-13.73	54	31.19	41.56	23.61	56.09	-	-	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.													



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		2389.695	61.3	-12.7	74	46.86	31.4	18.45	35.41	109	110	P	H
		2390	52.38	-1.62	54	37.95	31.4	18.45	35.42	109	110	A	H
	*	2412	111.94	-	-	97.36	31.5	18.5	35.42	109	110	P	H
	*	2412	104.56	-	-	89.98	31.5	18.5	35.42	109	110	A	H
													H
													H
		2389.905	59.33	-14.67	74	44.9	31.4	18.45	35.42	352	112	P	V
		2389.905	48.23	-5.77	54	33.8	31.4	18.45	35.42	352	112	A	V
	*	2412	110.6	-	-	96.02	31.5	18.5	35.42	352	112	P	V
	*	2412	102.33	-	-	87.75	31.5	18.5	35.42	352	112	A	V
													V
													V
802.11g CH 06 2437MHz		2389.52	57.25	-16.75	74	42.81	31.4	18.45	35.41	100	109	P	H
		2389.66	46.06	-7.94	54	31.62	31.4	18.45	35.41	100	109	A	H
	*	2437	116.58	-	-	101.78	31.7	18.53	35.43	100	109	P	H
	*	2437	108.96	-	-	94.16	31.7	18.53	35.43	100	109	A	H
		2484.18	60.86	-13.14	74	45.63	32.07	18.61	35.45	100	109	P	H
		2483.5	50.03	-3.97	54	34.81	32.07	18.6	35.45	100	109	A	H
		2385.88	54.8	-19.2	74	40.37	31.4	18.44	35.41	392	115	P	V
		2389.8	45.07	-8.93	54	30.64	31.4	18.45	35.42	392	115	A	V
	*	2437	112.5	-	-	97.7	31.7	18.53	35.43	392	115	P	V
	*	2437	105.66	-	-	90.86	31.7	18.53	35.43	392	115	A	V
		2484.04	55.86	-18.14	74	40.64	32.07	18.6	35.45	392	115	P	V
		2483.55	45.67	-8.33	54	30.45	32.07	18.6	35.45	392	115	A	V



802.11g CH 11 2462MHz	*	2462	112.93	-	-	97.9	31.9	18.57	35.44	100	109	P	H
	*	2462	105.63	-	-	90.6	31.9	18.57	35.44	100	109	A	H
		2483.6	61.42	-12.58	74	46.2	32.07	18.6	35.45	100	109	P	H
		2483.52	51.01	-2.99	54	35.79	32.07	18.6	35.45	100	109	A	H
													H
													H
	*	2462	107.67	-	-	92.64	31.9	18.57	35.44	332	118	P	V
	*	2462	100.07	-	-	85.04	31.9	18.57	35.44	332	118	A	V
		2484	58.76	-15.24	74	43.54	32.07	18.6	35.45	332	118	P	V
		2483.6	48.67	-5.33	54	33.45	32.07	18.6	35.45	332	118	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	110.87	-	-	95.8	31.94	18.58	35.45	100	108	P	H
	*	2467	103.11	-	-	88.04	31.94	18.58	35.45	100	108	A	H
		2483.76	61.61	-12.39	74	46.39	32.07	18.6	35.45	100	108	P	H
		2484	52.18	-1.82	54	36.96	32.07	18.6	35.45	100	108	A	H
													H
													H
	*	2467	107.49	-	-	92.42	31.94	18.58	35.45	373	112	P	V
	*	2467	99.71	-	-	84.64	31.94	18.58	35.45	373	112	A	V
		2483.96	59.09	-14.91	74	43.87	32.07	18.6	35.45	373	112	P	V
		2483.52	49.64	-4.36	54	34.42	32.07	18.6	35.45	373	112	A	V
													V
													V
802.11g CH 13 2472MHz	*	2472	108.68	-	-	93.56	31.98	18.59	35.45	100	110	P	H
	*	2472	101.11	-	-	85.99	31.98	18.59	35.45	100	110	A	H
		2484.4	60.72	-13.28	74	45.48	32.08	18.61	35.45	100	110	P	H
		2484.4	51.8	-2.2	54	36.56	32.08	18.61	35.45	100	110	A	H
													H
													H
	*	2472	105.52	-	-	90.4	31.98	18.59	35.45	331	113	P	V
	*	2472	98.12	-	-	83	31.98	18.59	35.45	331	113	A	V
		2485.96	58.15	-15.85	74	42.9	32.09	18.61	35.45	331	113	P	V
		2483.52	49.68	-4.32	54	34.46	32.07	18.6	35.45	331	113	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	42.63	-31.37	74	53.82	34.05	12.73	57.97	-	-	P	H
		14475	47.47	-26.53	74	44.36	39.55	21.65	58.09	-	-	P	H
		16155	47.96	-26.04	74	40.84	41.2	22.69	56.77	-	-	P	H
		17775	50.51	-23.49	74	41.46	41.57	23.59	56.11	-	-	P	H
		17775	40.59	-13.41	54	31.54	41.57	23.59	56.11	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
		4824	42.11	-31.89	74	53.3	34.05	12.73	57.97	-	-	P	V
		14499	47.67	-26.33	74	44.5	39.6	21.66	58.09	-	-	P	V
		16110	47.95	-26.05	74	40.87	41.2	22.67	56.79	-	-	P	V
		17820	50.12	-23.88	74	41.04	41.56	23.61	56.09	-	-	P	V
		17820	40.25	-13.75	54	31.17	41.56	23.61	56.09	-	-	A	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	42.34	-31.66	74	53.45	34.05	12.75	57.91	-	-	P	H
		7311	41.47	-32.53	74	48.7	35.64	15.04	57.91	-	-	P	H
		14475	47.63	-26.37	74	44.52	39.55	21.65	58.09	-	-	P	H
		16170	47.78	-26.22	74	40.66	41.2	22.69	56.77	-	-	P	H
		17760	49.75	-24.25	74	40.74	41.56	23.57	56.12	-	-	P	H
		17760	39.89	-14.11	54	30.88	41.56	23.57	56.12	-	-	A	H
													H
													H
													H
													H
													H
													H
		4874	41.94	-32.06	74	53.05	34.05	12.75	57.91	-	-	P	V
		7311	42.44	-31.56	74	49.67	35.64	15.04	57.91	-	-	P	V
		14490	46.99	-27.01	74	43.85	39.58	21.65	58.09	-	-	P	V
		16125	47.86	-26.14	74	40.77	41.2	22.67	56.78	-	-	P	V
		17745	50.16	-23.84	74	41.18	41.54	23.57	56.13	-	-	P	V
		17745	40.24	-13.76	54	31.26	41.54	23.57	56.13	-	-	A	V
													V
													V
													V
													V
													V
													V

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.	
Ant.		(MHz)	(dBμV/m)	(dB)	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.		
4+3					(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)	
802.11g CH 11 2462MHz		4924	43.47	-30.53	74	54.48	34.05	12.79	57.85	-	-	P	H	
		7386	42.05	-31.95	74	49.16	35.87	15	57.98	-	-	P	H	
		14475	47.71	-26.29	74	44.6	39.55	21.65	58.09	-	-	P	H	
		15780	47.83	-26.17	74	41.75	40.64	22.46	57.02	-	-	P	H	
		17835	51.15	-22.85	74	42.08	41.53	23.62	56.08	-	-	P	H	
		17835	41.28	-12.72	54	32.21	41.53	23.62	56.08	-	-	A	H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
		4924	42.37	-31.63	74	53.38	34.05	12.79	57.85	-	-	P	V	
		7386	40.82	-33.18	74	47.93	35.87	15	57.98	-	-	P	V	
		14499	47.47	-26.53	74	44.3	39.6	21.66	58.09	-	-	P	V	
		16155	47.96	-26.04	74	40.84	41.2	22.69	56.77	-	-	P	V	
		17760	50.1	-23.9	74	41.09	41.56	23.57	56.12	-	-	P	V	
		17760	40.25	-13.75	54	31.24	41.56	23.57	56.12	-	-	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	42.31	-31.69	74	53.29	34.07	12.79	57.84	-	-	P	H
		7401	41.16	-32.84	74	48.27	35.9	14.99	58	-	-	P	H
		14475	46.88	-27.12	74	43.77	39.55	21.65	58.09	-	-	P	H
		15495	47.63	-26.37	74	42.43	40.19	22.28	57.27	-	-	P	H
		17820	50.06	-23.94	74	40.98	41.56	23.61	56.09	-	-	P	H
		17820	40.11	-13.89	54	31.03	41.56	23.61	56.09	-	-	A	H
													H
													H
													H
													H
													H
													H
		4934	43.05	-30.95	74	54.03	34.07	12.79	57.84	-	-	P	V
		7401	41.09	-32.91	74	48.2	35.9	14.99	58	-	-	P	V
		14505	47.53	-26.47	74	44.36	39.59	21.67	58.09	-	-	P	V
		16110	47.88	-26.12	74	40.8	41.2	22.67	56.79	-	-	P	V
		17970	50.08	-23.92	74	40.91	41.47	23.7	56	-	-	P	V
		17970	40.22	-13.78	54	31.05	41.47	23.7	56	-	-	A	V
													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 13 2472MHz		4944	42.48	-31.52	74	53.42	34.09	12.8	57.83	-	-	P	H	
		7416	40.92	-33.08	74	48.06	35.87	15	58.01	-	-	P	H	
		14499	47.46	-26.54	74	44.29	39.6	21.66	58.09	-	-	P	H	
		15675	47.94	-26.06	74	42.3	40.35	22.4	57.11	-	-	P	H	
		17730	50.14	-23.86	74	41.19	41.53	23.56	56.14	-	-	P	H	
		17730	40.22	-13.78	54	31.27	41.53	23.56	56.14	-	-	A	H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
		4944	41.84	-32.16	74	52.78	34.09	12.8	57.83	-	-	P	V	
		7416	41.41	-32.59	74	48.55	35.87	15	58.01	-	-	P	V	
		14490	47.04	-26.96	74	43.9	39.58	21.65	58.09	-	-	P	V	
		16125	47.91	-26.09	74	40.82	41.2	22.67	56.78	-	-	P	V	
		17700	50.45	-23.55	74	41.56	41.5	23.55	56.16	-	-	P	V	
		17700	40.56	-13.44	54	31.67	41.5	23.55	56.16	-	-	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.													



2.4GHz 2400~2483.5MHz

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

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 01 2412MHz		2389.485	60.82	-13.18	74	46.38	31.4	18.45	35.41	117	112	P	H
		2390	51.27	-2.73	54	36.84	31.4	18.45	35.42	117	112	A	H
	*	2412	111.35	-	-	96.77	31.5	18.5	35.42	106	112	P	H
	*	2412	101.67	-	-	87.09	31.5	18.5	35.42	106	112	A	H
													H
													H
		2389.065	59.96	-14.04	74	45.53	31.4	18.44	35.41	400	89	P	V
		2390	51.07	-2.93	54	36.64	31.4	18.45	35.42	400	89	A	V
	*	2412	110.59	-	-	96.01	31.5	18.5	35.42	400	89	P	V
	*	2412	100.44	-	-	85.86	31.5	18.5	35.42	400	89	A	V
													V
													V
802.11ax HE20 Full CH 06 2437MHz		2389.38	57.61	-16.39	74	43.17	31.4	18.45	35.41	100	110	P	H
		2389.94	47.82	-6.18	54	33.39	31.4	18.45	35.42	100	110	A	H
	*	2437	114.79	-	-	99.99	31.7	18.53	35.43	100	110	P	H
	*	2437	106.58	-	-	91.78	31.7	18.53	35.43	100	110	A	H
		2483.55	60.52	-13.48	74	45.3	32.07	18.6	35.45	100	110	P	H
		2483.62	51.24	-2.76	54	36.02	32.07	18.6	35.45	100	110	A	H
		2389.8	57.95	-16.05	74	43.52	31.4	18.45	35.42	396	108	P	V
		2389.38	47.4	-6.6	54	32.96	31.4	18.45	35.41	396	108	A	V
	*	2437	111.5	-	-	96.7	31.7	18.53	35.43	396	108	P	V
	*	2437	103.35	-	-	88.55	31.7	18.53	35.43	396	108	A	V
		2483.55	55.55	-18.45	74	40.33	32.07	18.6	35.45	396	108	P	V
		2484.04	46.48	-7.52	54	31.26	32.07	18.6	35.45	396	108	A	V



WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 11 2462MHz	*	2462	111.86	-	-	96.83	31.9	18.57	35.44	101	110	P	H
	*	2462	103.02	-	-	87.99	31.9	18.57	35.44	101	110	A	H
		2483.52	62.35	-11.65	74	47.13	32.07	18.6	35.45	101	110	P	H
		2483.6	52.13	-1.87	54	36.91	32.07	18.6	35.45	101	110	A	H
													H
													H
	*	2462	110.55	-	-	95.52	31.9	18.57	35.44	387	115	P	V
	*	2462	100.76	-	-	85.73	31.9	18.57	35.44	387	115	A	V
		2483.52	58.59	-15.41	74	43.37	32.07	18.6	35.45	387	115	P	V
		2483.68	48.65	-5.35	54	33.43	32.07	18.6	35.45	387	115	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	109.33	-	-	94.26	31.94	18.58	35.45	100	108	P	H
	*	2467	101.02	-	-	85.95	31.94	18.58	35.45	100	108	A	H
		2484.72	61.24	-12.76	74	46	32.08	18.61	35.45	100	108	P	H
		2483.52	52.28	-1.72	54	37.06	32.07	18.6	35.45	100	108	A	H
													H
													H
	*	2467	107.57	-	-	92.5	31.94	18.58	35.45	388	116	P	V
	*	2467	98.84	-	-	83.77	31.94	18.58	35.45	388	116	A	V
		2484.16	56.3	-17.7	74	41.07	32.07	18.61	35.45	388	116	P	V
		2483.6	47.82	-6.18	54	32.6	32.07	18.6	35.45	388	116	A	V
													V
													V
802.11ax HE20 Full CH 13 2472MHz	*	2472	107.88	-	-	92.76	31.98	18.59	35.45	100	107	P	H
	*	2472	99.4	-	-	84.28	31.98	18.59	35.45	100	107	A	H
		2484.32	61.18	-12.82	74	45.95	32.07	18.61	35.45	100	107	P	H
		2483.52	52.12	-1.88	54	36.9	32.07	18.6	35.45	100	107	A	H
													H
													H
	*	2472	106.36	-	-	91.24	31.98	18.59	35.45	379	106	P	V
	*	2472	97.4	-	-	82.28	31.98	18.59	35.45	379	106	A	V
		2485.92	58.72	-15.28	74	43.47	32.09	18.61	35.45	379	106	P	V
		2483.52	49.72	-4.28	54	34.5	32.07	18.6	35.45	379	106	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	42.6	-31.4	74	53.79	34.05	12.73	57.97	-	-	P	H
		14475	46.73	-27.27	74	43.62	39.55	21.65	58.09	-	-	P	H
		15870	48.66	-25.34	74	42.24	40.84	22.52	56.94	-	-	P	H
		15870	37.75	-16.25	54	31.33	40.84	22.52	56.94	-	-	A	H
		17760	49.53	-24.47	74	40.52	41.56	23.57	56.12	-	-	P	H
		17760	39.25	-14.75	54	30.24	41.56	23.57	56.12	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
		4824	42.64	-31.36	74	53.83	34.05	12.73	57.97	-	-	P	V
		14500	47.25	-26.75	74	44.07	39.6	21.67	58.09	-	-	P	V
		15915	47.2	-26.8	74	40.64	40.92	22.54	56.9	-	-	P	V
		17715	49.54	-24.46	74	40.63	41.51	23.55	56.15	-	-	P	V
		17715	39.19	-14.81	54	30.28	41.51	23.55	56.15	-	-	A	V
													V
													V
													V
													V
													V
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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	41.33	-32.67	74	52.44	34.05	12.75	57.91	-	-	P	H
		7311	42.56	-31.44	74	49.79	35.64	15.04	57.91	-	-	P	H
		14500	46.68	-27.32	74	43.5	39.6	21.67	58.09	-	-	P	H
		15990	47.51	-26.49	74	40.76	40.99	22.6	56.84	-	-	P	H
		17775	49.26	-24.74	74	40.21	41.57	23.59	56.11	-	-	P	H
		17775	39.07	-14.93	54	30.02	41.57	23.59	56.11	-	-	A	H
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		4874	42.07	-31.93	74	53.18	34.05	12.75	57.91	-	-	P	V
		7311	44.71	-29.29	74	51.94	35.64	15.04	57.91	-	-	P	V
		14475	47.22	-26.78	74	44.11	39.55	21.65	58.09	-	-	P	V
		15945	47.58	-26.42	74	40.95	40.94	22.57	56.88	-	-	P	V
		17880	49.61	-24.39	74	40.57	41.44	23.65	56.05	-	-	P	V
		17880	39.27	-14.73	54	30.23	41.44	23.65	56.05	-	-	A	V
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802.11ax HE20 Full CH 11 2462MHz		4924	42.03	-31.97	74	53.04	34.05	12.79	57.85	-	-	P	H
		7386	39.97	-34.03	74	47.08	35.87	15	57.98	-	-	P	H
		14500	47.06	-26.94	74	43.88	39.6	21.67	58.09	-	-	P	H
		15990	47.52	-26.48	74	40.77	40.99	22.6	56.84	-	-	P	H
		17760	49.3	-24.7	74	40.29	41.56	23.57	56.12	-	-	P	H
		17760	39.58	-14.42	54	30.57	41.56	23.57	56.12	-	-	A	H
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WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 12 2467MHz		4934	41.3	-32.7	74	52.28	34.07	12.79	57.84	-	-	P	H
		7401	40.14	-33.86	74	47.25	35.9	14.99	58	-	-	P	H
		14490	47.44	-26.56	74	44.3	39.58	21.65	58.09	-	-	P	H
		15885	47.56	-26.44	74	41.1	40.87	22.52	56.93	-	-	P	H
		17700	49.54	-24.46	74	40.65	41.5	23.55	56.16	-	-	P	H
		17700	39.57	-14.43	54	30.68	41.5	23.55	56.16	-	-	A	H
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		4934	40.75	-33.25	74	51.73	34.07	12.79	57.84	-	-	P	V
		7401	40.34	-33.66	74	47.45	35.9	14.99	58	-	-	P	V
		14500	46.22	-27.78	74	43.04	39.6	21.67	58.09	-	-	P	V
		16155	47.41	-26.59	74	40.29	41.2	22.69	56.77	-	-	P	V
		17775	49.41	-24.59	74	40.36	41.57	23.59	56.11	-	-	P	V
		17775	40.08	-13.92	54	31.03	41.57	23.59	56.11	-	-	A	V
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WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.		(MHz)	(dBμV/m)	(dB)	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
4+3					(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE20 Full CH 13 2472MHz		4944	41.69	-32.31	74	52.63	34.09	12.8	57.83	-	-	P	H
		7416	39.82	-34.18	74	46.96	35.87	15	58.01	-	-	P	H
		14490	46.55	-27.45	74	43.41	39.58	21.65	58.09	-	-	P	H
		15870	48.09	-25.91	74	41.67	40.84	22.52	56.94	-	-	P	H
		15870	38.78	-15.22	54	32.36	40.84	22.52	56.94	-	-	A	H
		17730	48.97	-25.03	74	40.02	41.53	23.56	56.14	-	-	P	H
		17730	39.5	-14.5	54	30.55	41.53	23.56	56.14	-	-	A	H
													H
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		4944	41.28	-32.72	74	52.22	34.09	12.8	57.83	-	-	P	V
		7416	40.58	-33.42	74	47.72	35.87	15	58.01	-	-	P	V
		14475	47.24	-26.76	74	44.13	39.55	21.65	58.09	-	-	P	V
		16020	47.08	-26.92	74	40.24	41.04	22.62	56.82	-	-	P	V
		17775	49.84	-24.16	74	40.79	41.57	23.59	56.11	-	-	P	V
		17775	39.63	-14.37	54	30.58	41.57	23.59	56.11	-	-	A	V
													V
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Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. 4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												

Emission above 18GHz

2.4GHz WIFI 802.11g (SHF)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamplifier	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
4+3		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
2.4GHz 802.11g SHF		23740	40.25	-33.75	74	50.98	38.9	8.68	58.31	-	-	P	H
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		22746	39.82	-34.18	74	52.48	38.3	8.24	59.2	-	-	P	V
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Remark	1. No other spurious found. 2. All results are PASS against limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												

Emission below 1GHz

2.4GHz WIFI 802.11g (LF)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
4+3		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
2.4GHz 802.11g LF		30	22.01	-17.99	40	26.58	24.57	0.97	30.11	-	-	P	H
		51.6	21.29	-18.71	40	36.69	13.56	1.07	30.03	-	-	P	H
		184.71	24.12	-19.38	43.5	36.94	14.81	2.22	29.85	-	-	P	H
		759.9	29.14	-16.86	46	26.19	27.73	4.61	29.39	-	-	P	H
		867	30.88	-15.12	46	26.05	28.86	4.95	28.98	-	-	P	H
		956.6	32.6	-13.4	46	25.4	30.63	5.2	28.63	-	-	P	H
													H
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		30	31.73	-8.27	40	36.3	24.57	0.97	30.11	-	-	P	V
		33.78	25.36	-14.64	40	31.91	22.62	0.92	30.09	-	-	P	V
		53.49	20.97	-19.03	40	37.12	12.78	1.1	30.03	-	-	P	V
		750.8	28.93	-17.07	46	26.16	27.63	4.57	29.43	-	-	P	V
		841.8	30.69	-15.31	46	26.43	28.48	4.87	29.09	-	-	P	V
		950.3	33.4	-12.6	46	26.54	30.33	5.18	28.65	-	-	P	V
													V
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												V	
Remark	1. No other spurious found.												
	2. All results are PASS against limit line.												
	3. The emission position marked as “-” means no suspected emission found and emission level has at least 6dB margin against limit or emission is noise floor only.												



Note symbol

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

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

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
4+3		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
CH 01													
2412MHz		2390	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H

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

For Peak Limit @ 2390MHz:

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

For Average Limit @ 2390MHz:

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

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



Appendix D. Radiated Spurious Emission Plots

Test Engineer :	Jesse Wang, Stan Hsieh, Ken Wu	Temperature :	22.8~24.9°C
		Relative Humidity :	52.6~61.1%

Note symbol

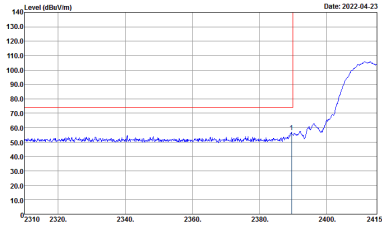
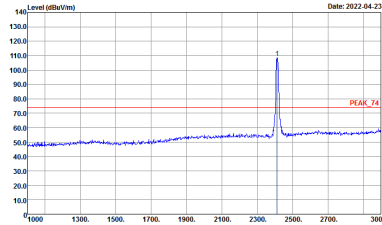
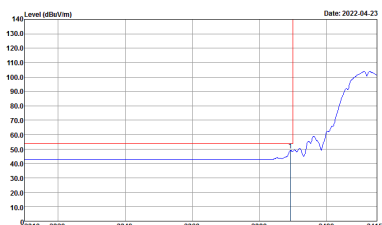
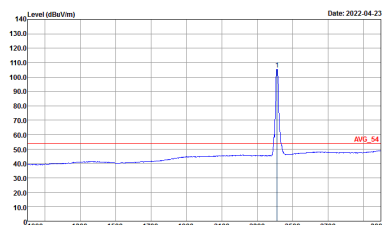
-L	Low channel location
-R	High channel location

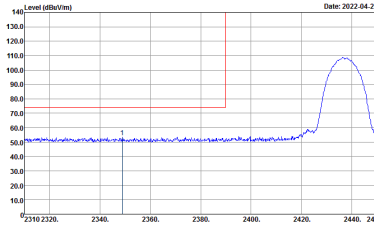
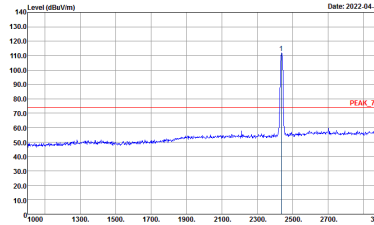
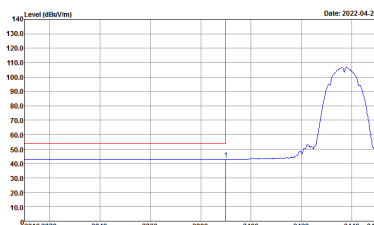
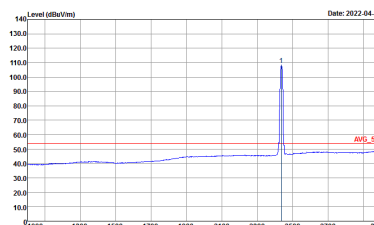


2.4GHz 2400~2483.5MHz

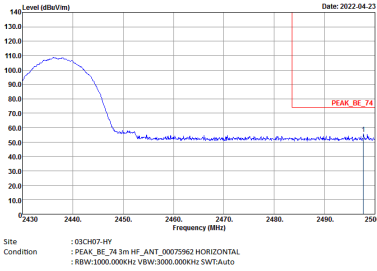
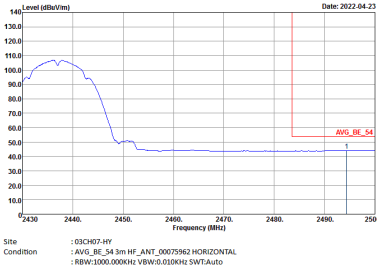
WIFI 802.11b (Band Edge @ 3m)

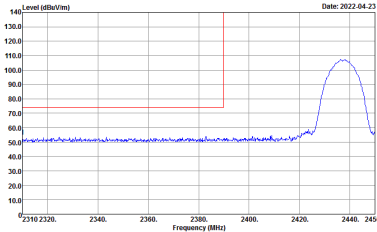
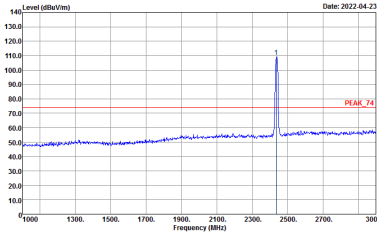
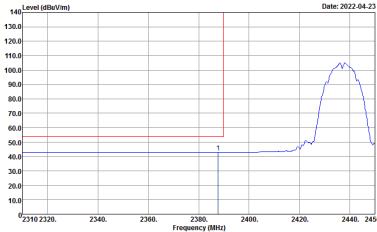
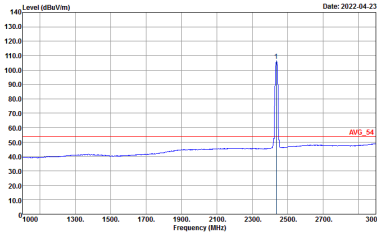
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ANT	802.11b CH01 2412MHz	
4	Horizontal	Fundamental
Peak	Site : 03CH07-HY Condition : : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto	Site : 03CH07-HY Condition : : PEAK_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto
Avg.	Site : 03CH07-HY Condition : : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWTAuto	Site : 03CH07-HY Condition : : AVG_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWTAuto

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH01 2412MHz	
4	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWTAuto	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWTAuto

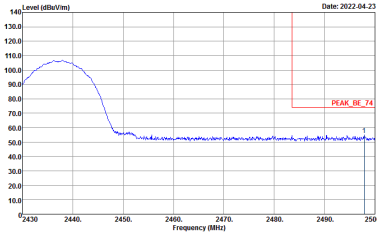
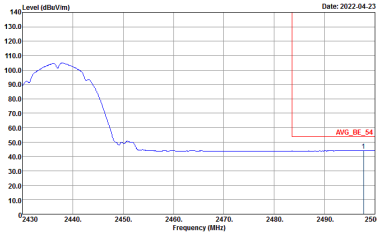
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - L	
4	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:0.000kHz SWTAuto	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:0.000kHz SWTAuto



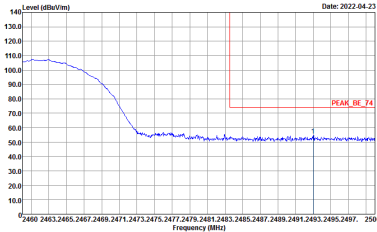
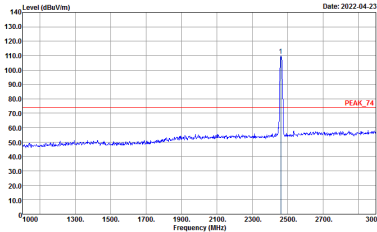
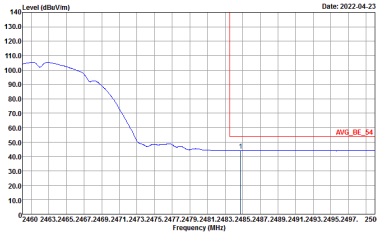
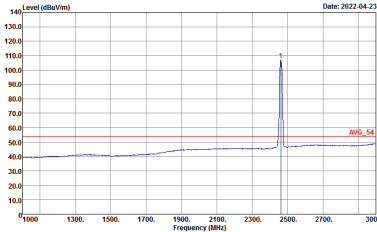
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
4	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWTAuto	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWTAuto	Left blank

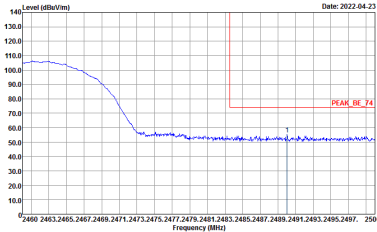
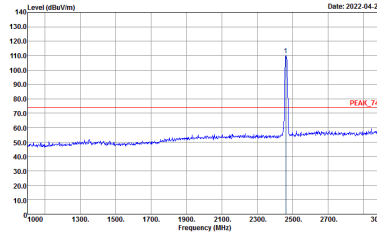
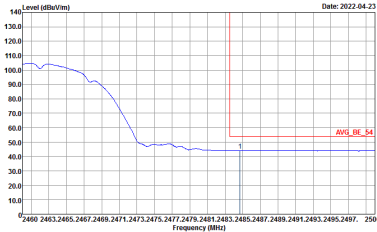
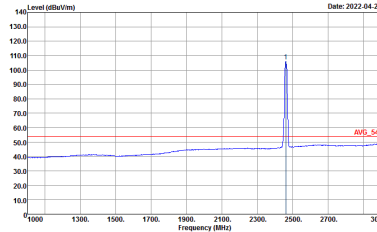
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - L	
4	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:0.000kHz SWTAuto	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:0.000kHz SWTAuto



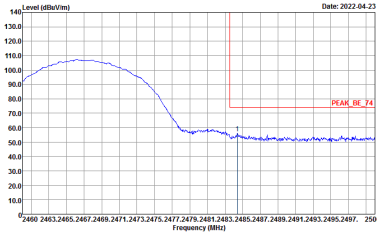
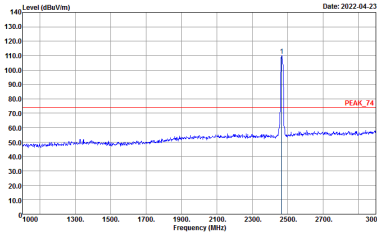
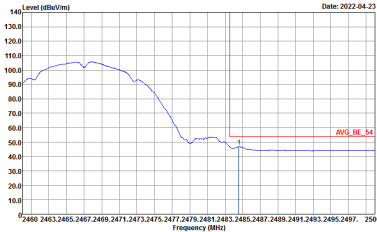
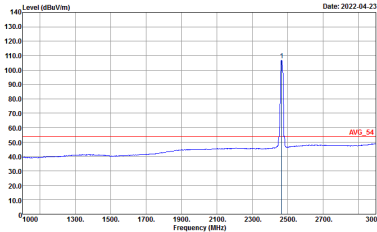
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
4	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWTAuto	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWTAuto	Left blank

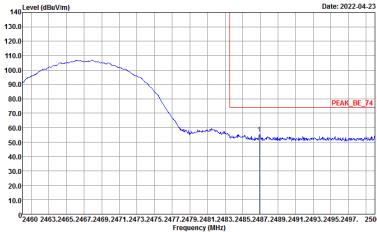
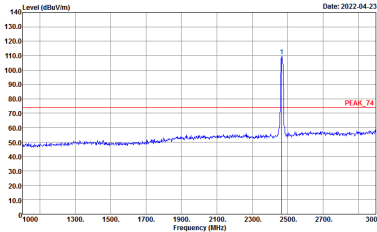
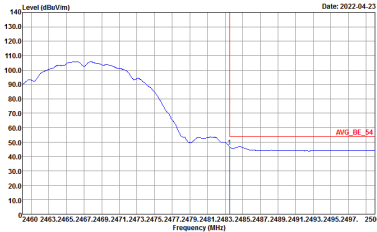
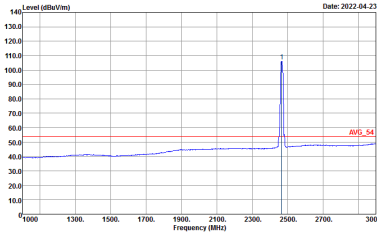


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH11 2462MHz	
4	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWTAuto	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWTAuto

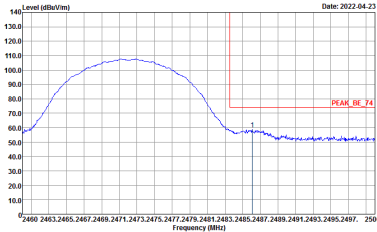
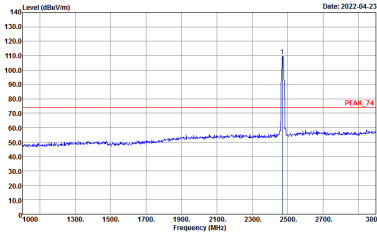
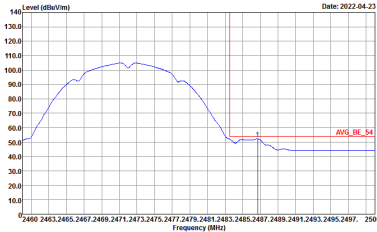
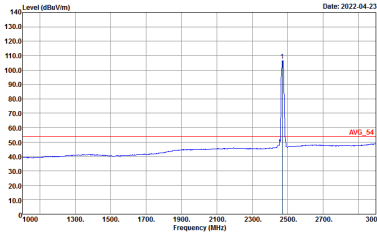
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH11 2462MHz	
4	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWTAuto	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWTAuto

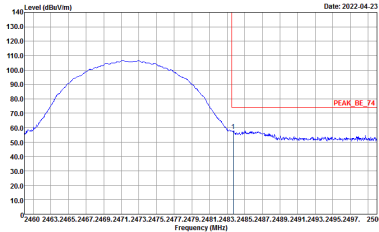
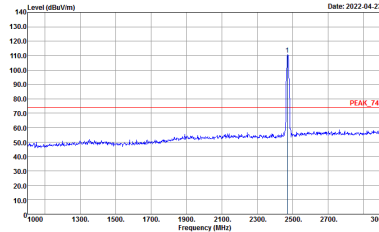
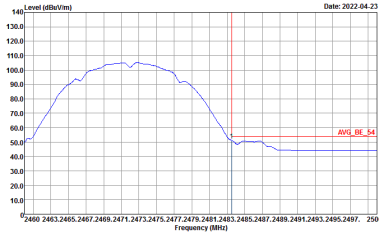
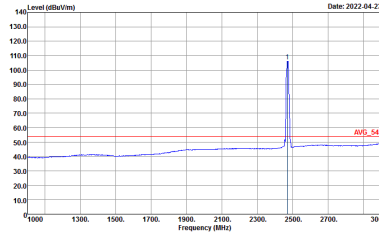


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH12 2467MHz	
4	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWTAuto	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWTAuto

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH12 2467MHz	
4	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWTAuto	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWTAuto
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL RBW:1000.000kHz VBW:0.010kHz SWTAuto	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL RBW:1000.000kHz VBW:0.010kHz SWTAuto



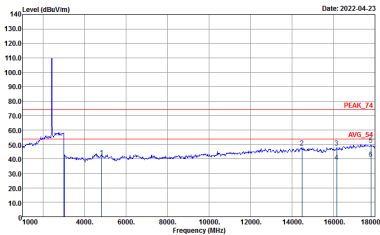
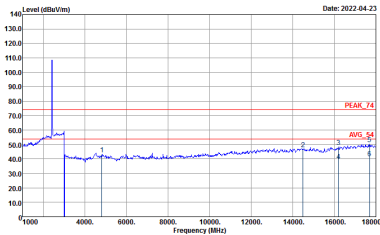
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH13 2472MHz	
4	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:0.0100kHz SWTAuto	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:0.0100kHz SWTAuto

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH13 2472MHz	
4	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWTAuto	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWTAuto
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL RBW:1000.000kHz VBW:0.010kHz SWTAuto	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL RBW:1000.000kHz VBW:0.010kHz SWTAuto

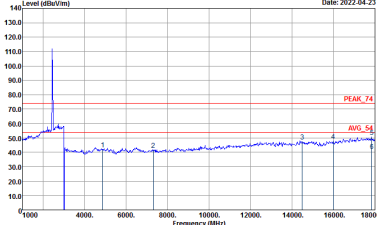
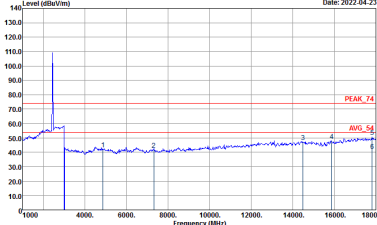


2.4GHz 2400~2483.5MHz

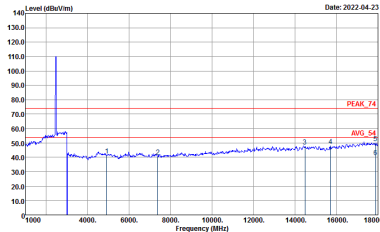
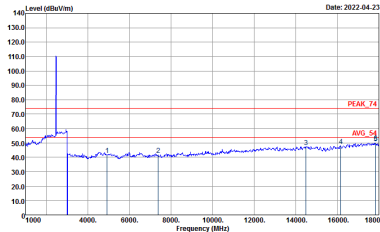
WIFI 802.11b (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH01 2412MHz	
4	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 HORIZONTAL	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL

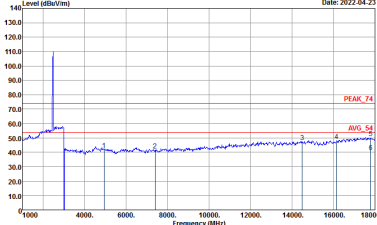
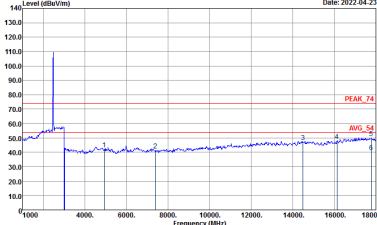


WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH06 2437MHz	
4	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-4V Condition : PEAK_74 3m HF_ANT_00075962 HORIZONTAL	 Site : 03CH07-4V Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL

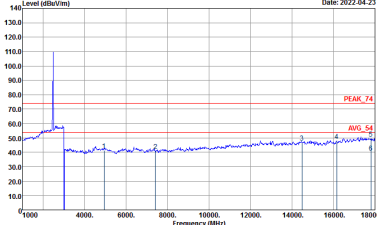
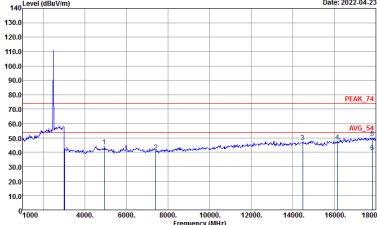


WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH11 2462MHz	
4	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-4V Condition : PEAK_74 3m HF_ANT_00075962 HORIZONTAL	 Site : 03CH07-4V Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH12 2467MHz	
4	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-4V Condition : PEAK_74 3m HF_ANT_00075962 HORIZONTAL	 Site : 03CH07-4V Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL

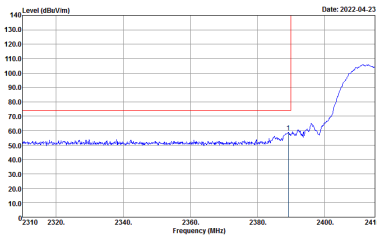
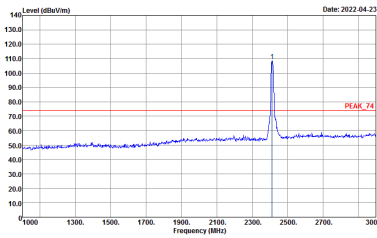
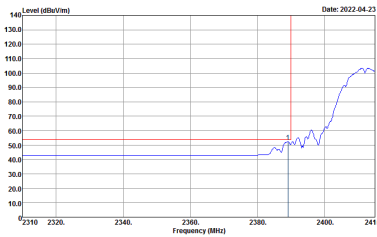
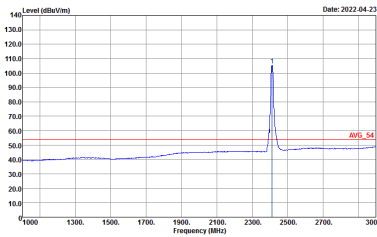


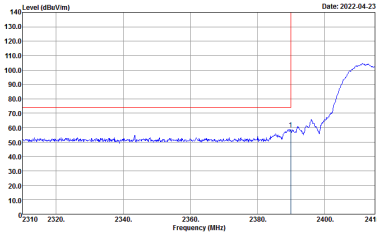
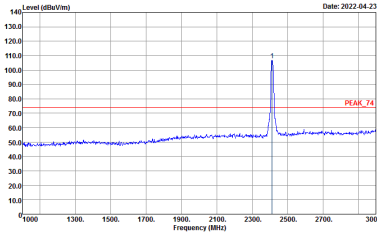
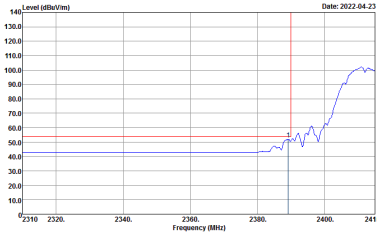
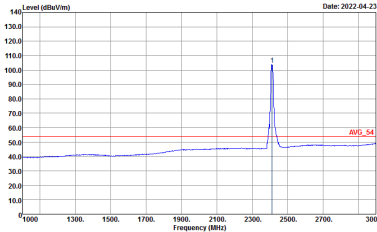
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH13 2472MHz	
4	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-4V Condition : PEAK_74 3m HF_ANT_00075962 HORIZONTAL	 Site : 03CH07-4V Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL

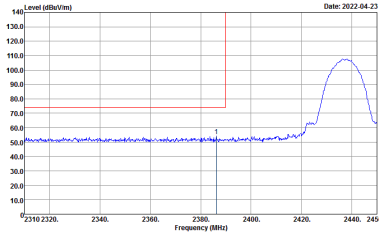
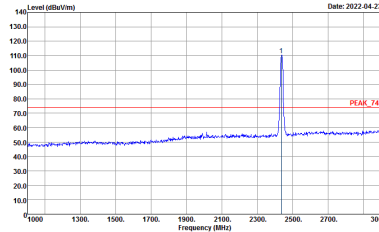
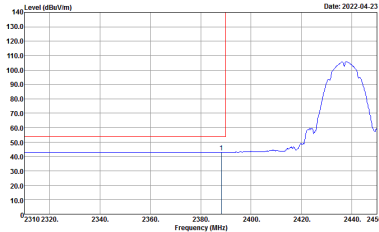
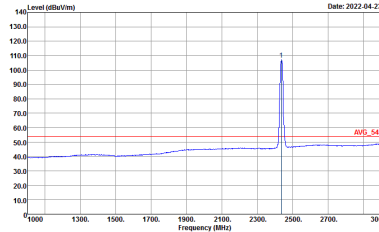


2.4GHz 2400~2483.5MHz

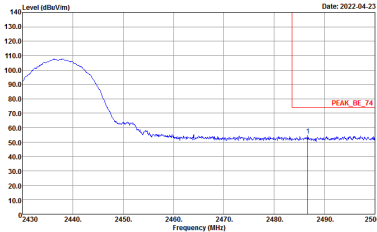
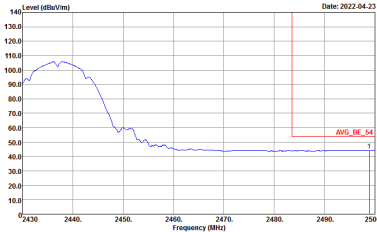
WIFI 802.11b (Band Edge @ 3m)

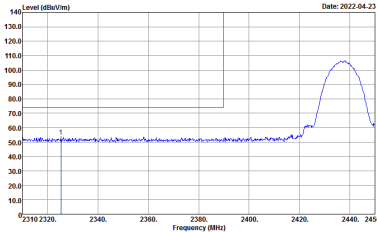
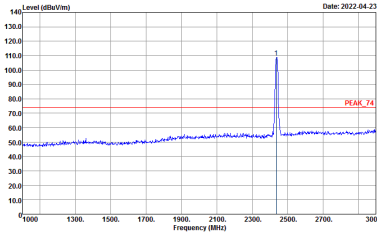
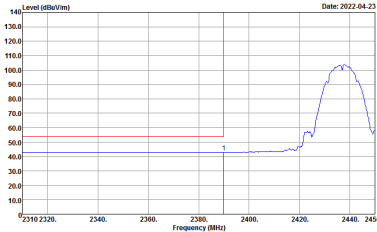
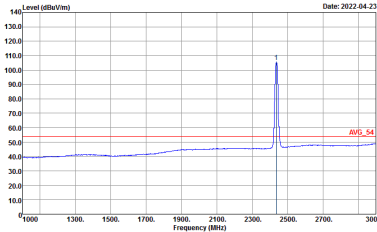
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH01 2412MHz	
3	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto	 Site : 03CH07-HY Condition : : PEAK_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto
Avg.	 Site : 03CH07-HY Condition : : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWTAuto	 Site : 03CH07-HY Condition : : AVG_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWTAuto

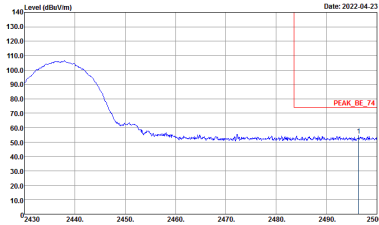
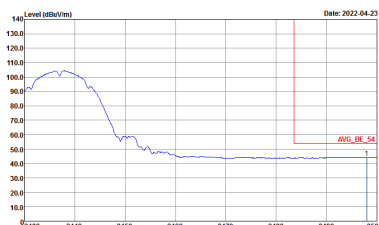
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH01 2412MHz	
3	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWTAuto	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWTAuto

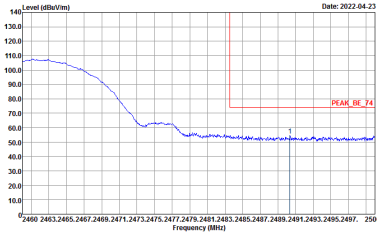
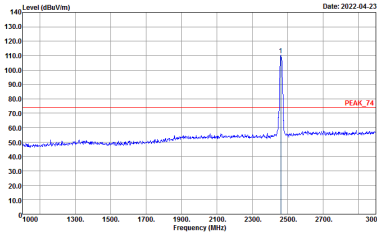
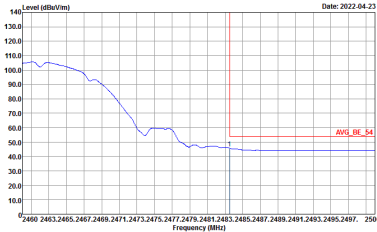
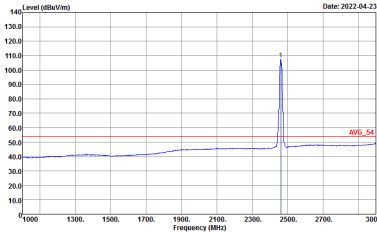
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - L	
3	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:0.000kHz SWTAuto	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:0.000kHz SWTAuto

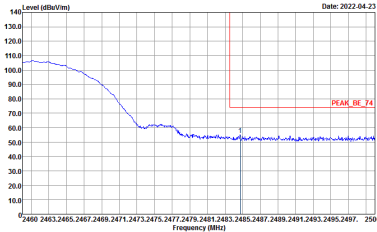
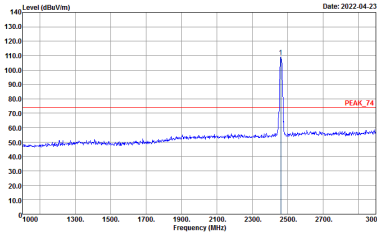
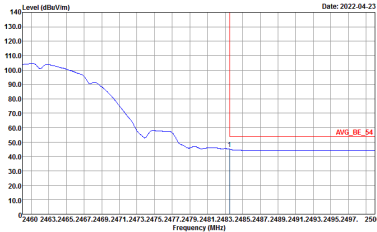
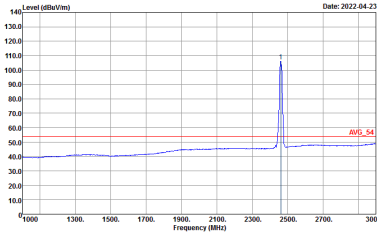


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
3	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWTAuto	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000kHz VBW:0.000kHz SWTAuto	Left blank

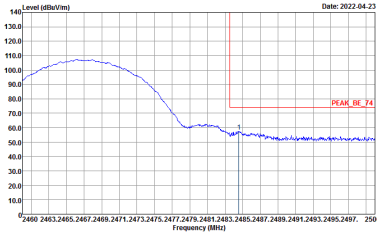
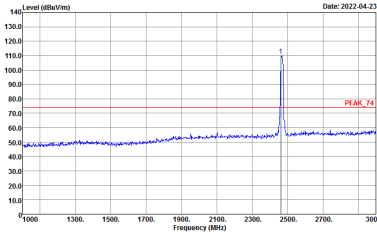
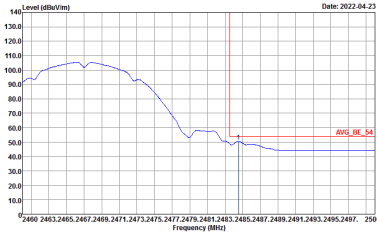
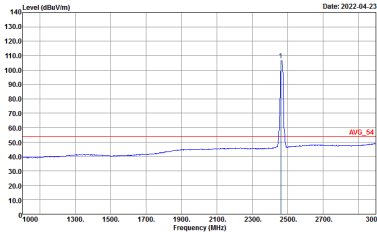
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - L	
3	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:0.000kHz SWTAuto	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:0.000kHz SWTAuto

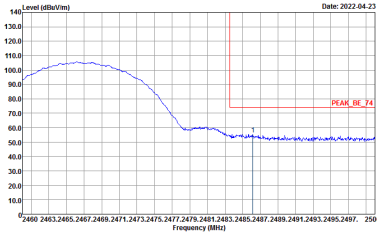
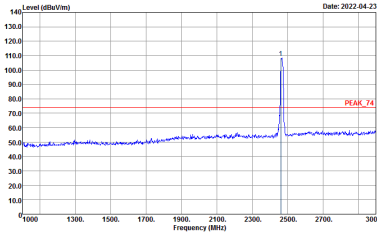
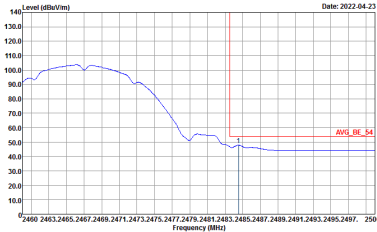
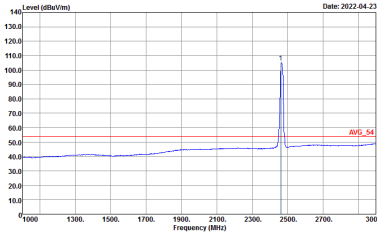
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
3	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWTAuto	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWTAuto	Left blank

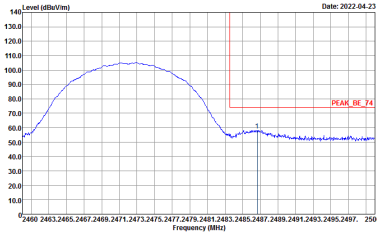
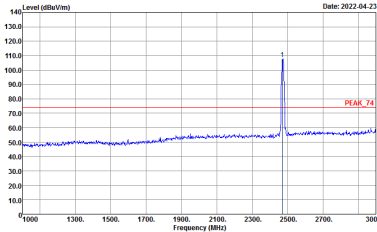
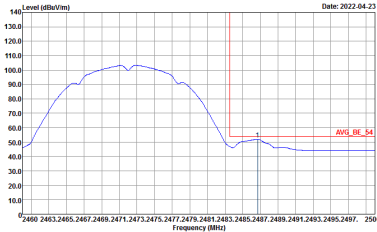
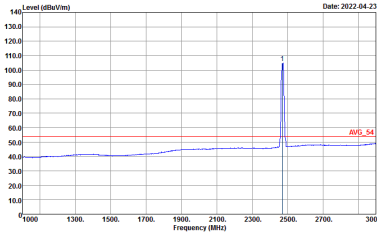
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH11 2462MHz	
3	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto
	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWTAuto	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWTAuto

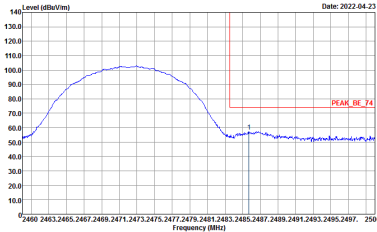
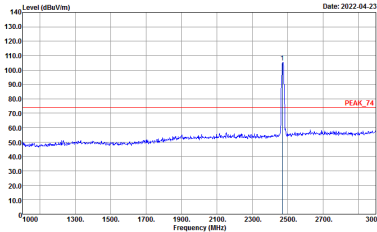
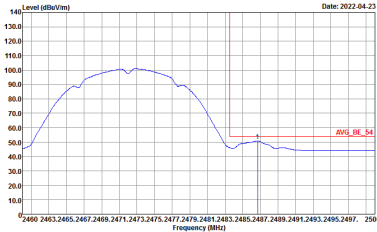
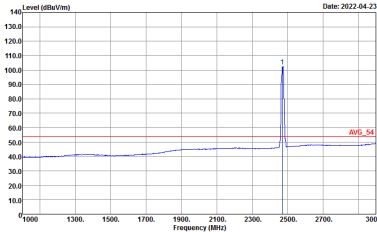
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH11 2462MHz	
3	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWTAuto	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWTAuto
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL RBW:1000.000kHz VBW:0.000kHz SWTAuto	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL RBW:1000.000kHz VBW:0.000kHz SWTAuto



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH12 2467MHz	
3	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:0.0100kHz SWTAuto	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:0.0100kHz SWTAuto

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH12 2467MHz	
3	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWTAuto	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWTAuto

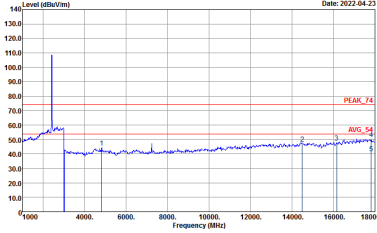
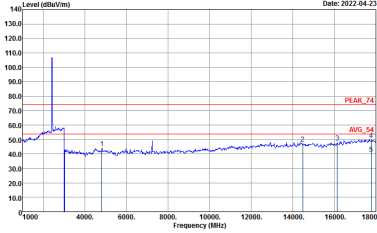
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH13 2472MHz	
3	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWTAuto	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWTAuto

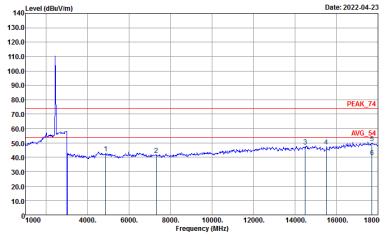
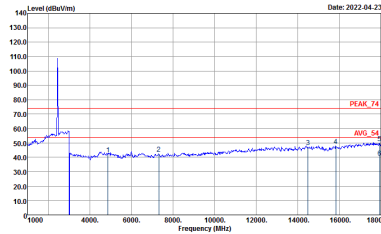
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH13 2472MHz	
3	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWTAuto	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWTAuto
	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL RBW:1000.000kHz VBW:0.0100kHz SWTAuto	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL RBW:1000.000kHz VBW:0.0100kHz SWTAuto



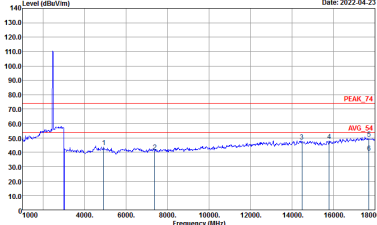
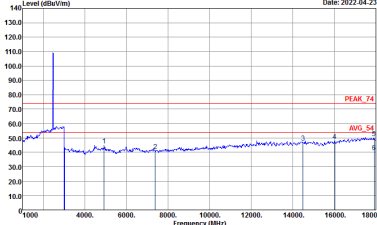
2.4GHz 2400~2483.5MHz

WIFI 802.11b (Harmonic @ 3m)

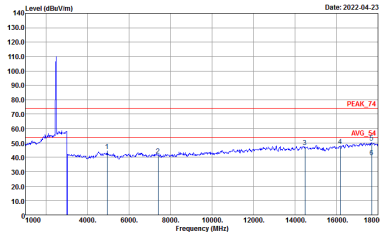
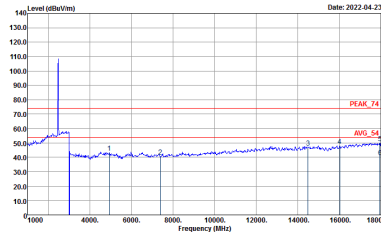
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH01 2412MHz	
3	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 HORIZONTAL	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH06 2437MHz	
3	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-4V Condition : PEAK_74 3m HF_ANT_00075962 HORIZONTAL	 Site : 03CH07-4V Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL

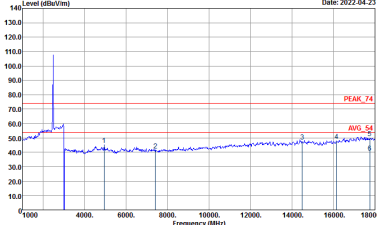
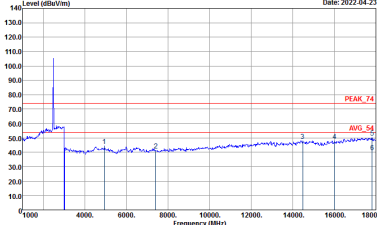


WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH11 2462MHz	
3	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-4V Condition : PEAK_74 3m HF_ANT_00075962 HORIZONTAL	 Site : 03CH07-4V Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL

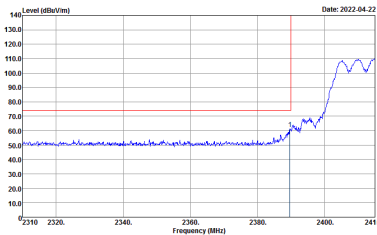
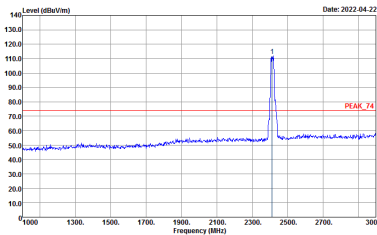
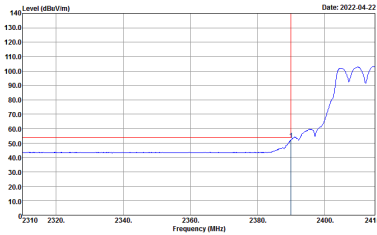
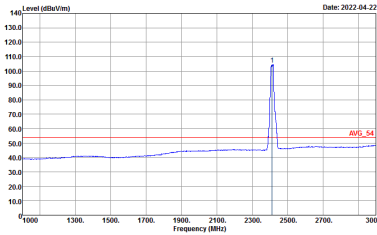


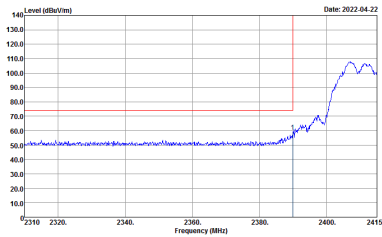
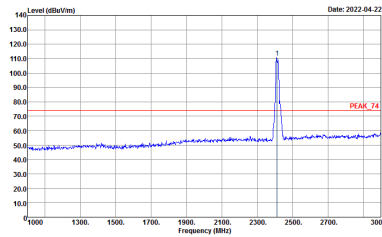
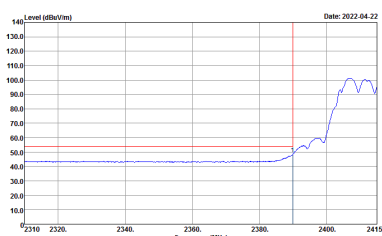
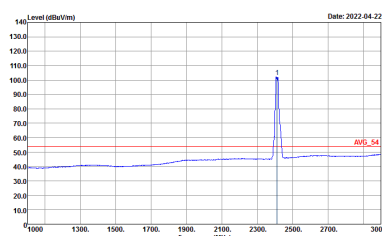
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH12 2467MHz	
3	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-4V Condition : PEAK_74 3m HF_ANT_00075962 HORIZONTAL	 Site : 03CH07-4V Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL

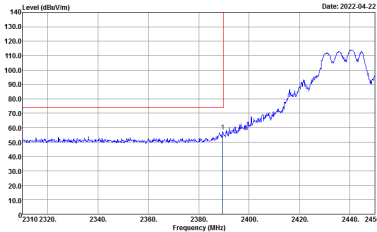
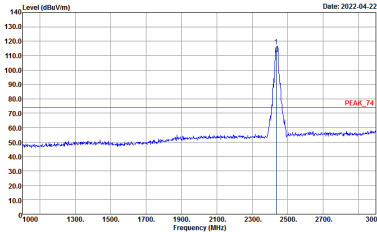
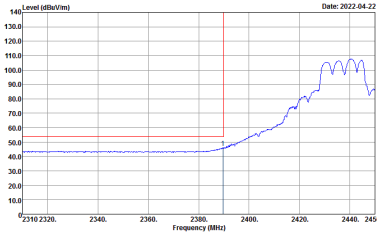
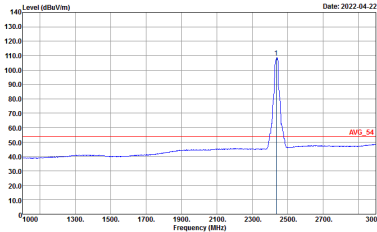


WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH13 2472MHz	
3	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-4V Condition : PEAK_74 3m HF_ANT_00075962 HORIZONTAL	 Site : 03CH07-4V Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL

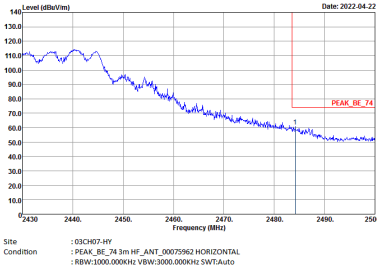
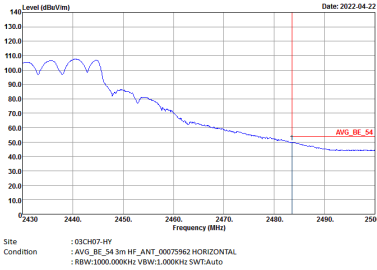
2.4GHz 2400~2483.5MHz
WIFI 802.11g (Band Edge @ 3m)

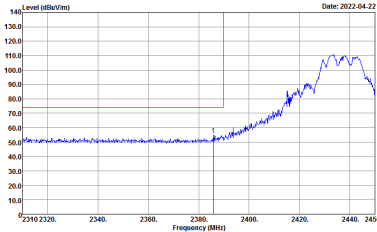
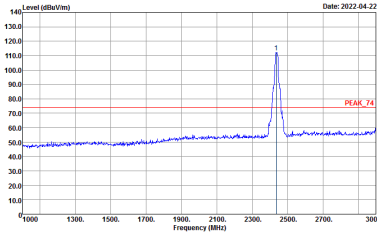
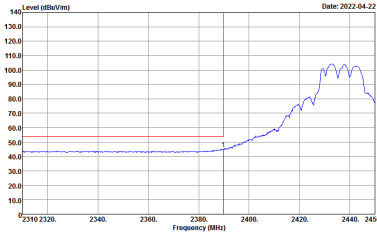
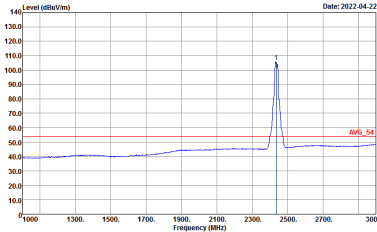
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH01 2412MHz	
4+3	Horizontal	Fundamental
Peak	 Site Condition : 03CH07-HY : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto	 Site Condition : 03CH07-HY : PEAK_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto
	 Site Condition : 03CH07-HY : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:1.000kHz SWTAuto	 Site Condition : 03CH07-HY : AVG_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:1.000kHz SWTAuto

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH01 2412MHz	
4+3	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:1.000kHz SWTAuto	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:1.000kHz SWTAuto

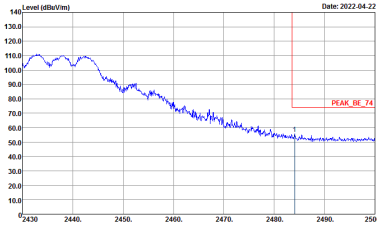
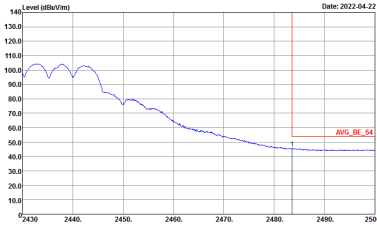
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - L	
4+3	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWTAuto	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWTAuto
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000kHz VBW:1.000kHz SWTAuto	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000kHz VBW:1.000kHz SWTAuto

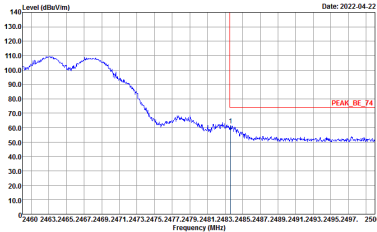
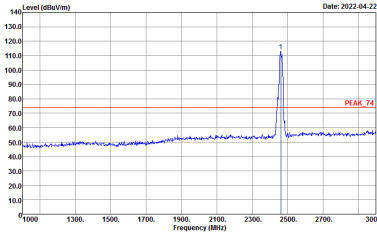
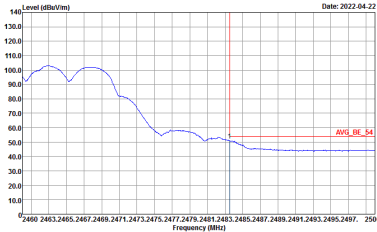
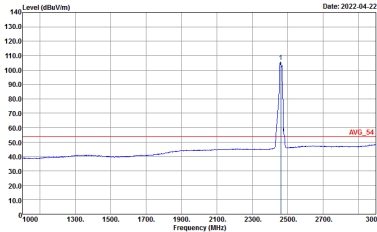


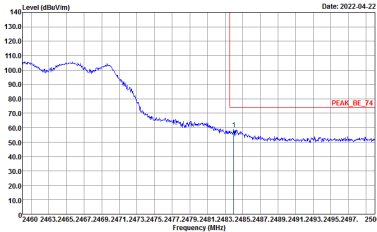
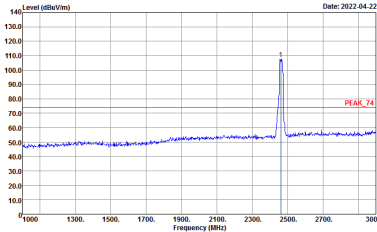
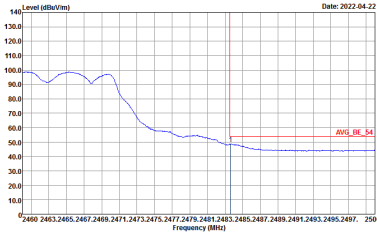
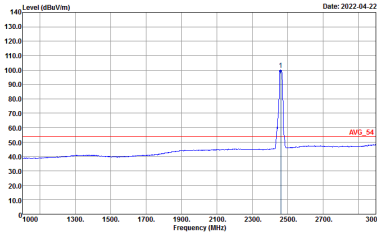
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
4+3	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWTAuto Date: 2022.04.22	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000KHz VBW:1.000KHz SWTAuto Date: 2022.04.22	Left blank

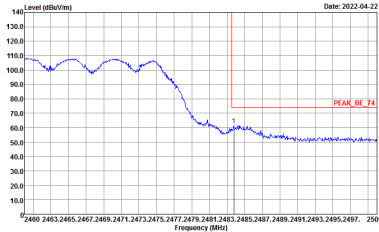
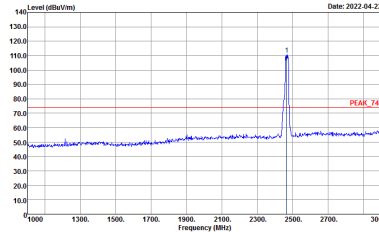
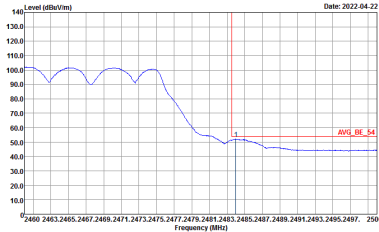
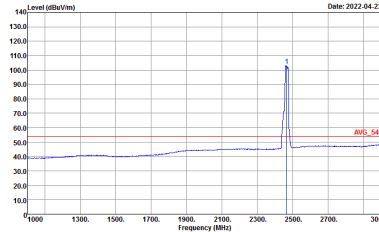
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - L	
4+3	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:1.000kHz SWTAuto	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:1.000kHz SWTAuto

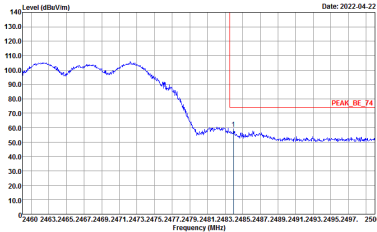
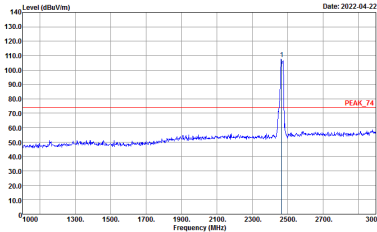
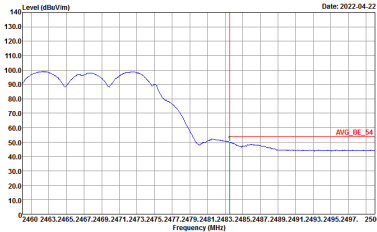
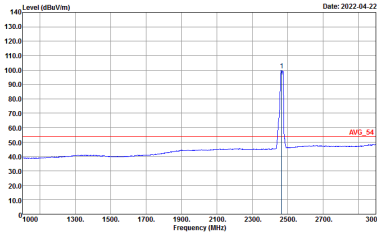


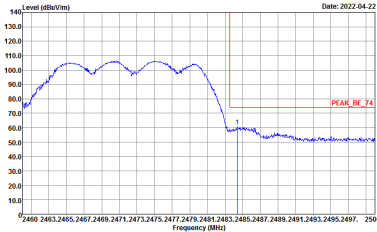
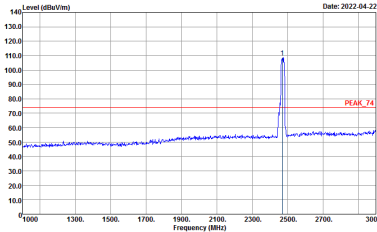
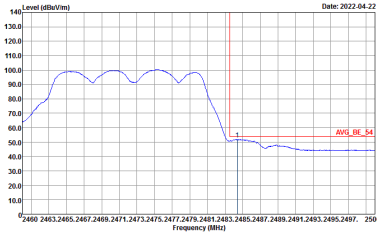
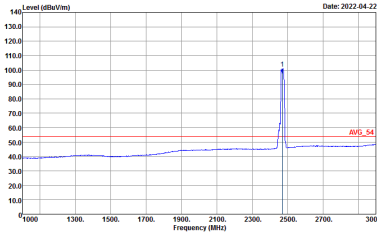
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
4+3	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWTAuto	Left Blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL RBW:1000.000kHz VBW:1.000kHz SWTAuto	Left Blank

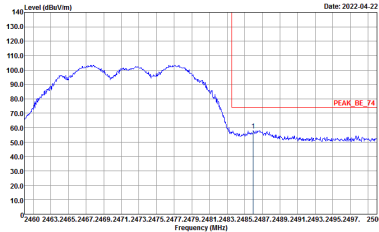
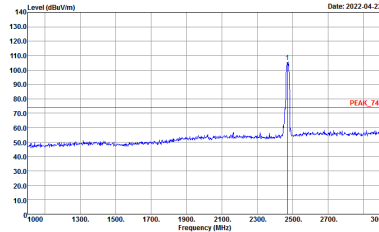
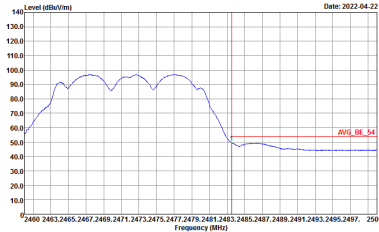
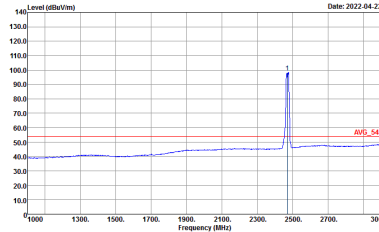
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH11 2462MHz	
4+3	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto
	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:1.000kHz SWTAuto	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:1.000kHz SWTAuto

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH11 2462MHz	
4+3	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWTAuto	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWTAuto
	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL RBW:1000.000kHz VBW:1.000kHz SWTAuto	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL RBW:1000.000kHz VBW:1.000kHz SWTAuto

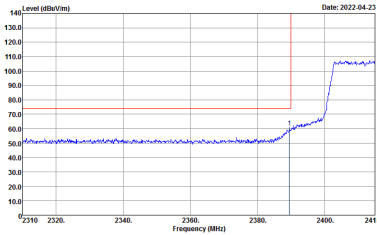
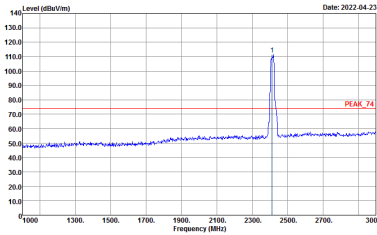
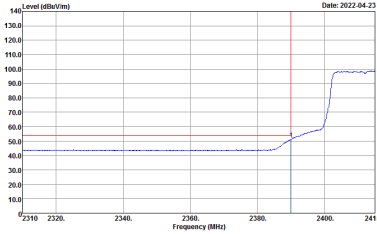
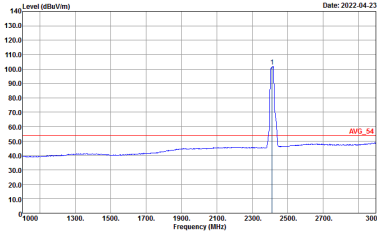
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH12 2467MHz	
4+3	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:1.000kHz SWTAuto	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:1.000kHz SWTAuto

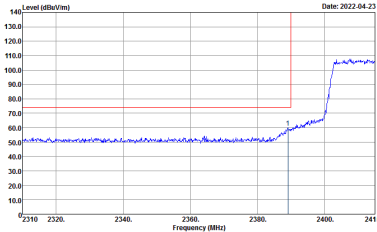
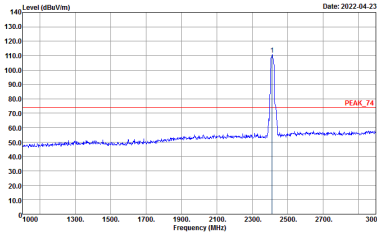
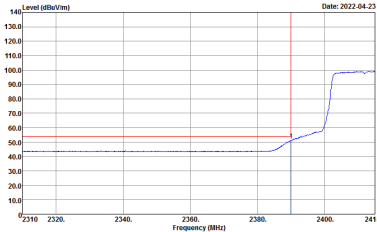
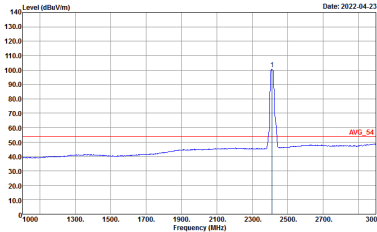
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH12 2467MHz	
4+3	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWTAuto	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWTAuto
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL RBW:1000.000kHz VBW:1.000kHz SWTAuto	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL RBW:1000.000kHz VBW:1.000kHz SWTAuto

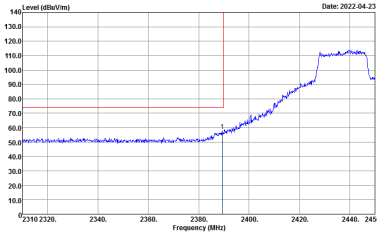
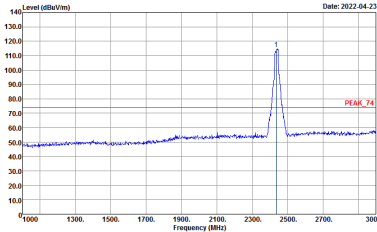
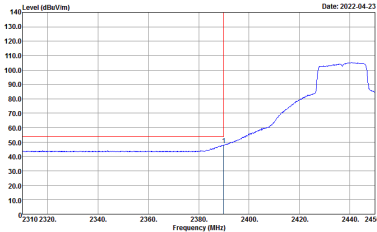
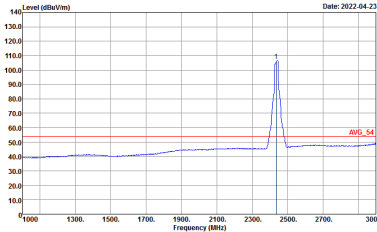
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH13 2472MHz	
4+3	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:1.000kHz SWTAuto	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:1.000kHz SWTAuto

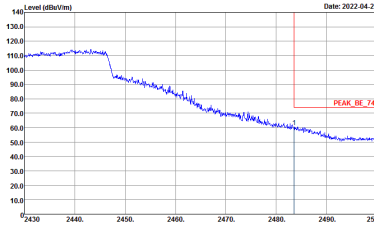
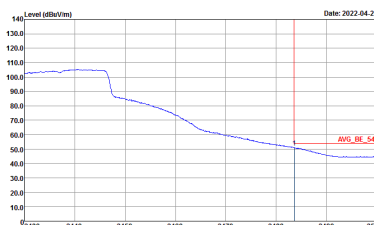
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH13 2472MHz	
4+3	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWTAuto	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWTAuto
	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL RBW:1000.000kHz VBW:1.000kHz SWTAuto	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL RBW:1000.000kHz VBW:1.000kHz SWTAuto
Avg.		

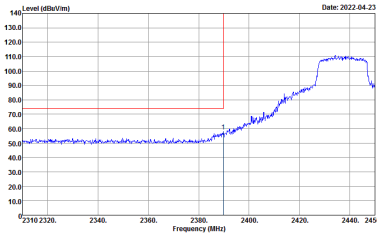
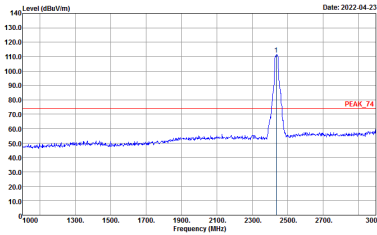
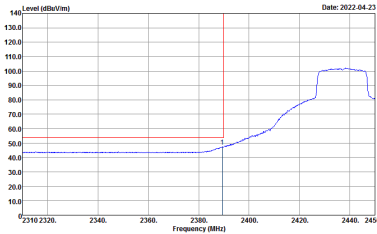
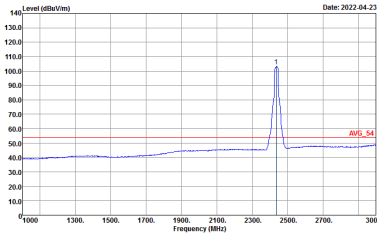
2.4GHz 2400~2483.5MHz
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH01 2412MHz	
4+3	Horizontal	Fundamental
Peak	 Site Condition : 03CH07-HY : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto	 Site Condition : 03CH07-HY : PEAK_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto
Avg.	 Site Condition : 03CH07-HY : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:1.000kHz SWTAuto	 Site Condition : 03CH07-HY : AVG_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:1.000kHz SWTAuto

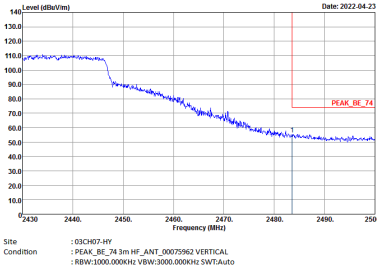
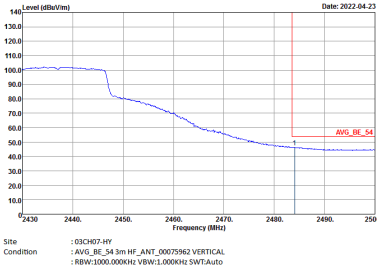
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH01 2412MHz	
4+3	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:1.000kHz SWTAuto	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:1.000kHz SWTAuto

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH06 2437MHz - L	
4+3	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:1.000kHz SWTAuto	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:1.000kHz SWTAuto

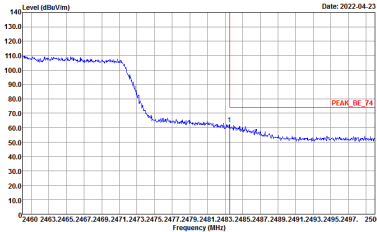
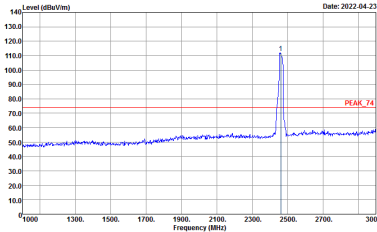
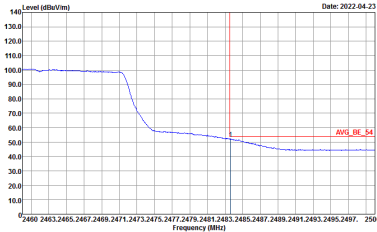
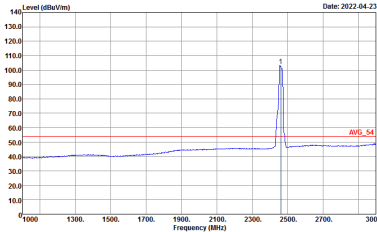
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH06 2437MHz - R	
4+3	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWTAuto	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000kHz VBW:1.000kHz SWTAuto	Left blank

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH06 2437MHz - L	
4+3	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:1.000kHz SWTAuto	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:1.000kHz SWTAuto

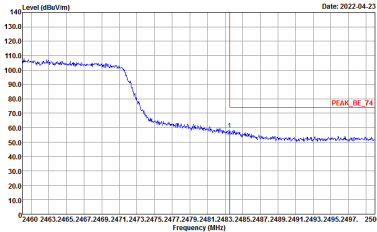
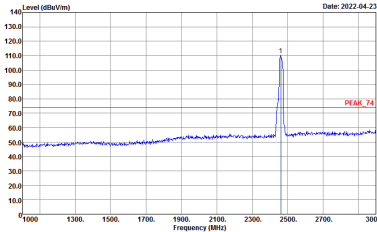
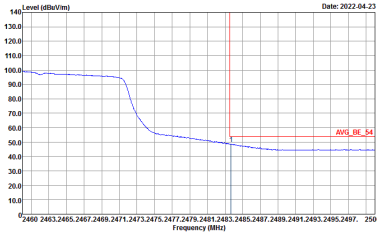
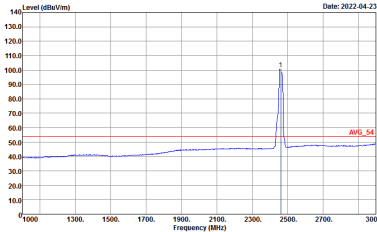


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH06 2437MHz - R	
4+3	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

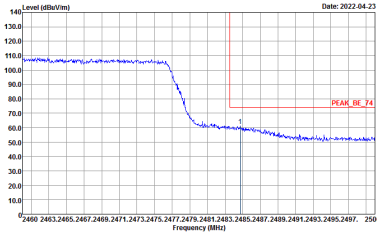
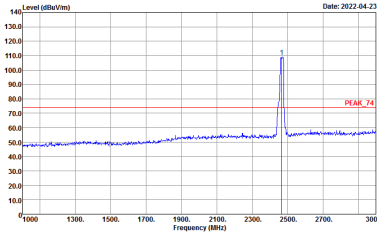
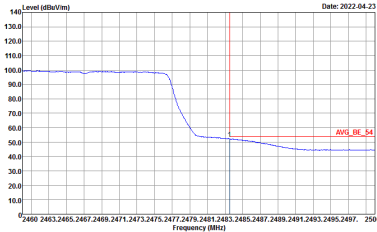
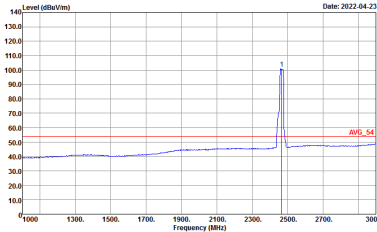


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH11 2462MHz	
4+3	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:1.000kHz SWTAuto	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:1.000kHz SWTAuto

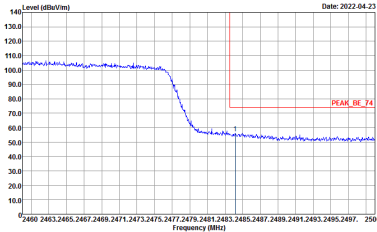
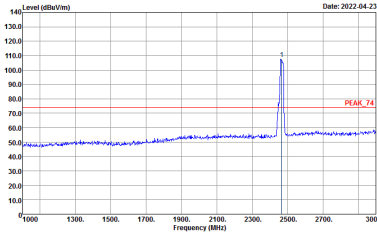
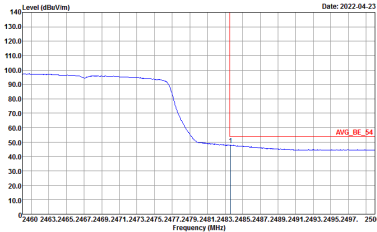
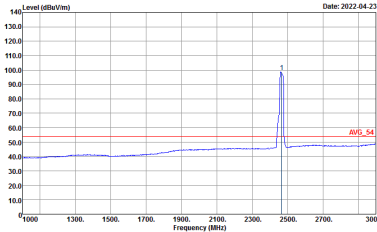


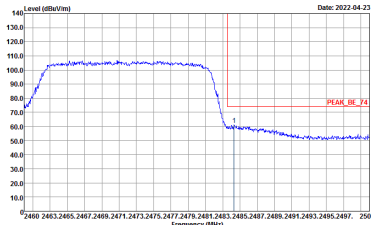
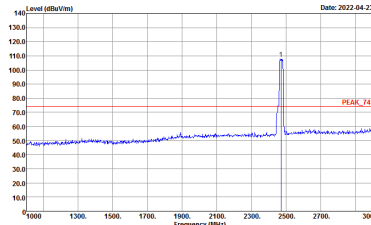
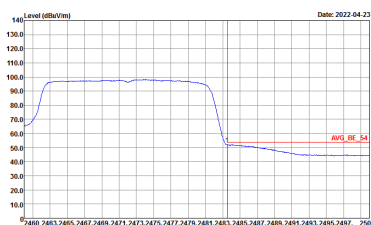
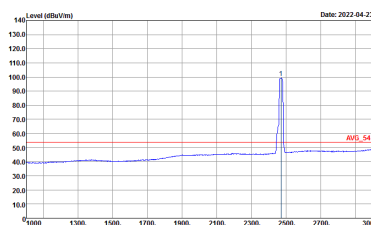
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH11 2462MHz	
4+3	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWTAuto	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWTAuto
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL RBW:1000.000kHz VBW:1.000kHz SWTAuto	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL RBW:1000.000kHz VBW:1.000kHz SWTAuto



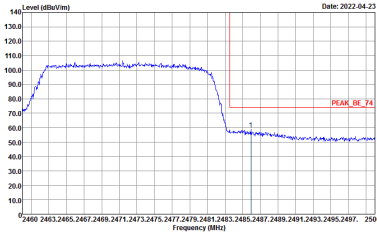
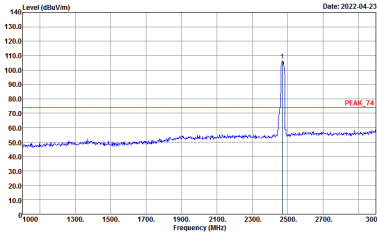
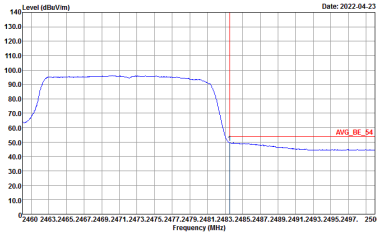
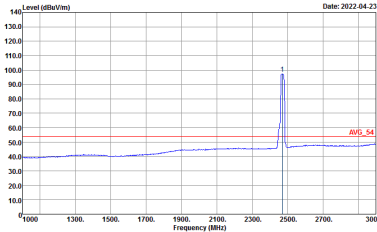
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH12 2467MHz	
4+3	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:1.000kHz SWTAuto	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:1.000kHz SWTAuto



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH12 2467MHz	
4+3	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:1.000kHz SWTAuto	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:1.000kHz SWTAuto

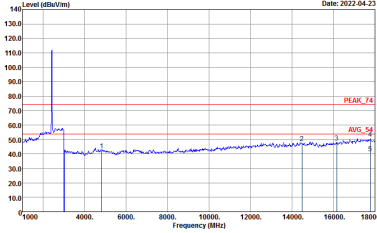
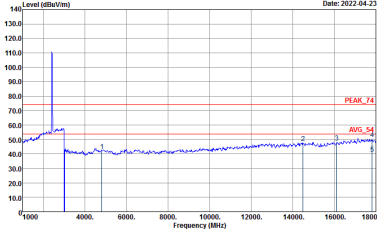
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH13 2472MHz	
4+3	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:1.000kHz SWT:Auto	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:1.000kHz SWT:Auto

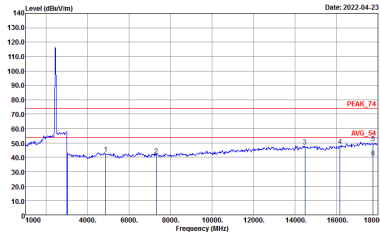
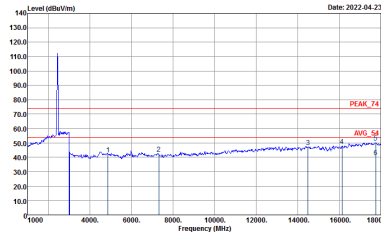


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH13 2472MHz	
4+3	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:1.000kHz SWTAuto	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:1.000kHz SWTAuto

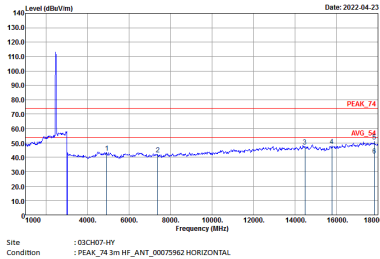
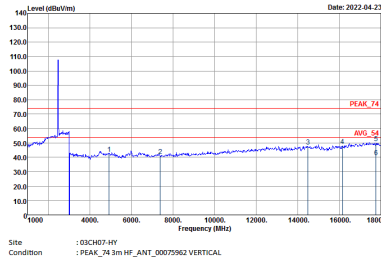


2.4GHz 2400~2483.5MHz
WIFI 802.11g (Harmonic @ 3m)

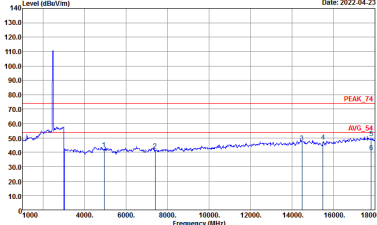
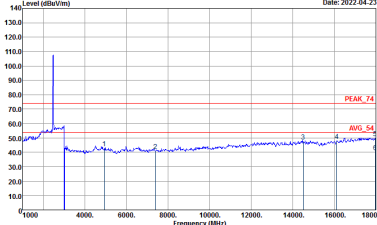
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH01 2412MHz	
4+3	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 HORIZONTAL	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH06 2437MHz	
4+3	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-4V Condition : PEAK_74 3m HF_ANT_00075962 HORIZONTAL	 Site : 03CH07-4V Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL

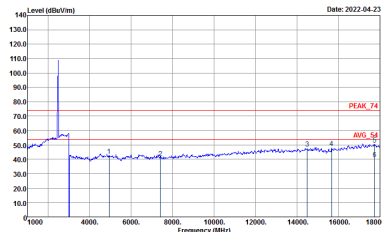
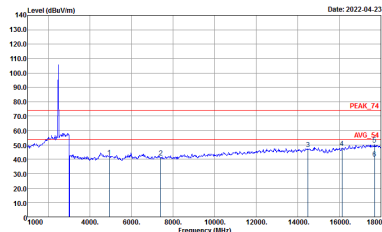


WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH11 2462MHz	
4+3	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-4V Condition : PEAK_74 3m HF_ANT_00075962 HORIZONTAL	 Site : 03CH07-4V Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH12 2467MHz	
4+3	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-4V Condition : PEAK_74 3m HF_ANT_00075962 HORIZONTAL	 Site : 03CH07-4V Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL

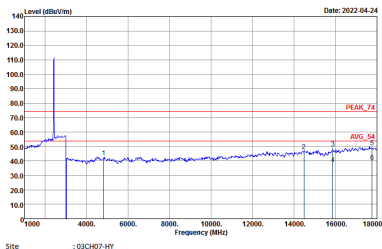
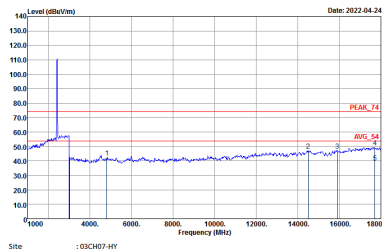


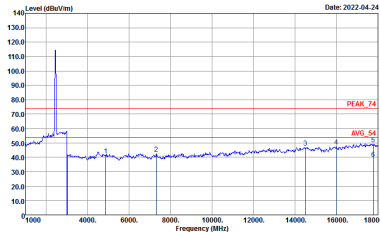
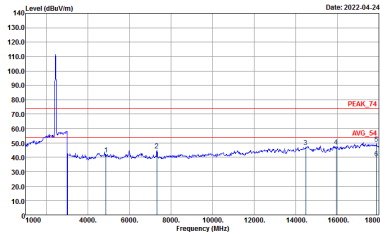
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH13 2472MHz	
4+3	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-4V Condition : PEAK_7s 3m HF_ANT_00075962 HORIZONTAL	 Site : 03CH07-4V Condition : PEAK_7s 3m HF_ANT_00075962 VERTICAL



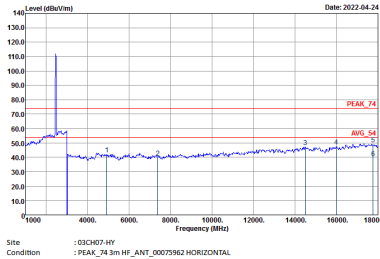
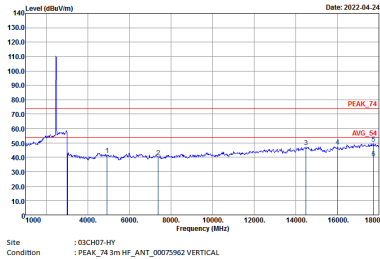
2.4GHz 2400~2483.5MHz

WIFI 802.11 ax HE20 Full (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE20 Full CH01 2412MHz	
4+3	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 HORIZONTAL	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL

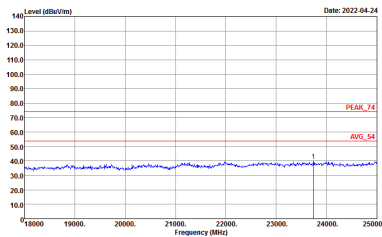
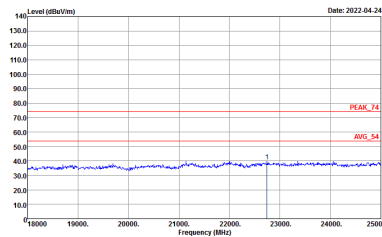
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE20 Full CH06 2437MHz	
4+3	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-4V Condition : PEAK_74 3m HF_ANT_00075962 HORIZONTAL	 Site : 03CH07-4V Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE20 Full CH11 2462MHz	
4+3	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-4V Condition : PEAK_74 3m HF_ANT_00075962 HORIZONTAL	 Site : 03CH07-4V Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL

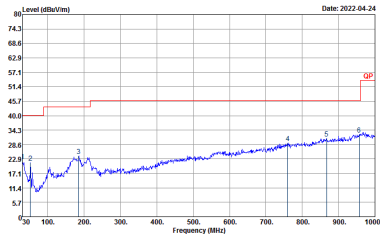
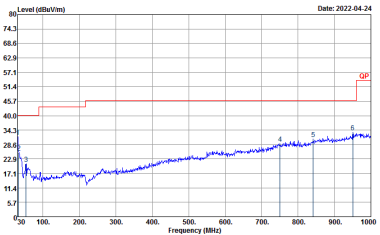


Emission above 18GHz
2.4GHz WIFI 802.11g (SHF @ 1m)

WIFI	2.4GHz 2400~2483.5MHz	
ANT	802.11g SHF	
4+3	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK_74 1m SHF-EHF_9170251 HORIZONTAL	 Site : 03CH07-HY Condition : PEAK_74 1m SHF-EHF_9170251 VERTICAL



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

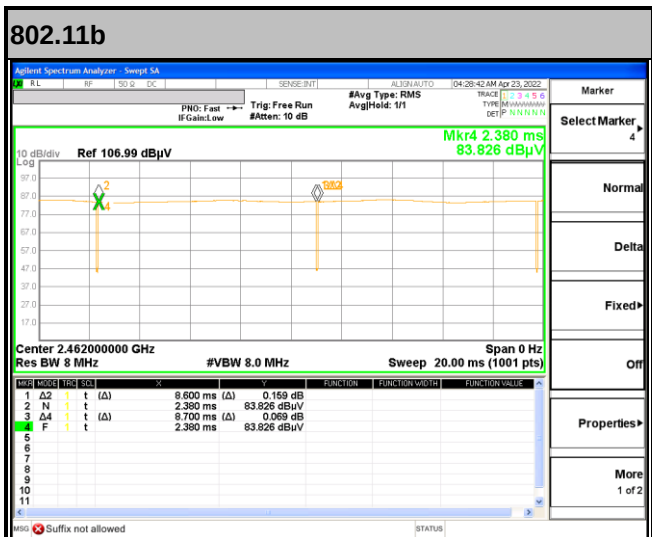
WIFI	2.4GHz 2400~2483.5MHz	
ANT	802.11g LF	
4+3	Horizontal	Vertical
QP / Peak	 Site : 03CH07-HY Condition : QP 3m LF-ANT-354129(6) HORIZONTAL	 Site : 03CH07-HY Condition : QP 3m LF-ANT-354129(6) VERTICAL



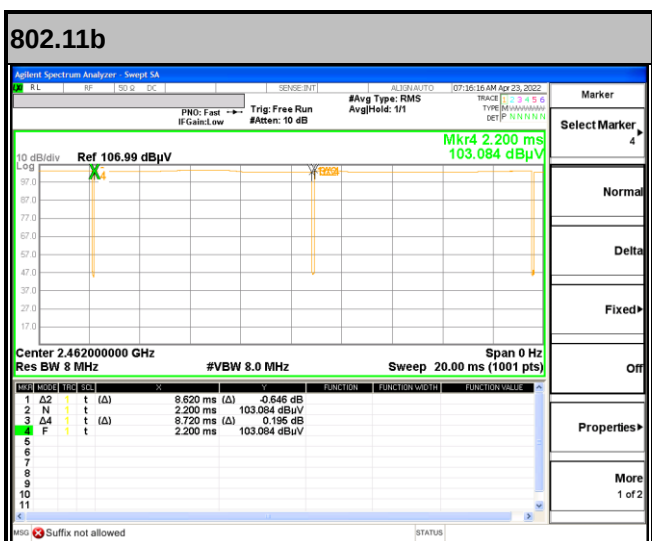
Appendix E. Duty Cycle Plots

Antenna	Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting
4	802.11b	98.85	-	-	10Hz
3	802.11b	98.85	-	-	10Hz
4+3	802.11g	93.14	1425	0.70	1kHz
4+3	2.4GHz 802.11ax HE20 Full RU	90.58	1010	0.99	1kHz

<Ant. 4>

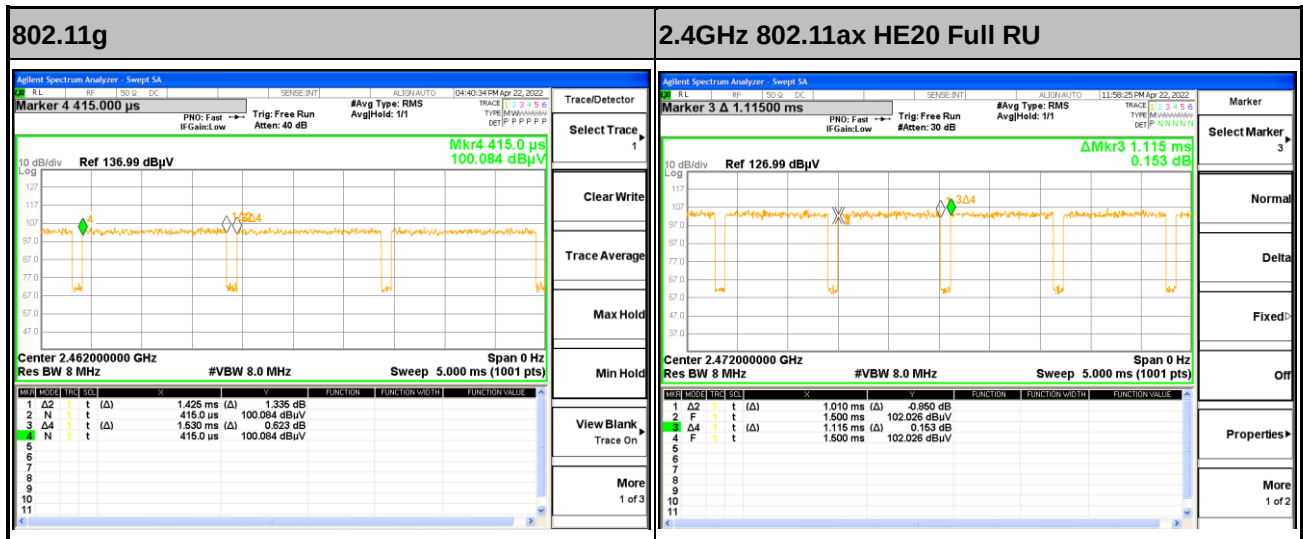


<Ant. 3>





MIMO <Ant. 4+3>



—THE END—