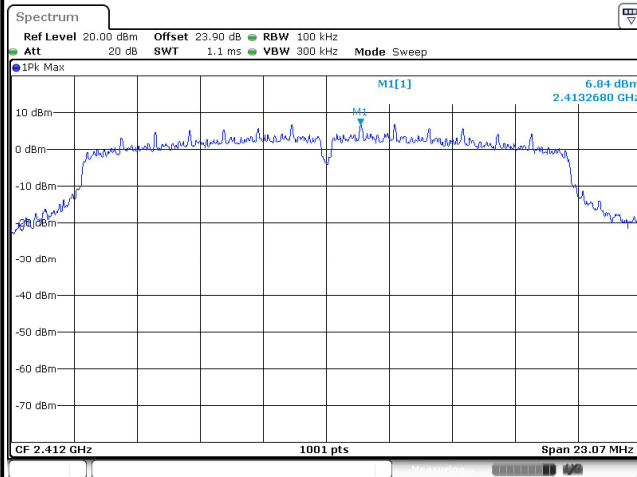




Test Mode : 802.11n HT20

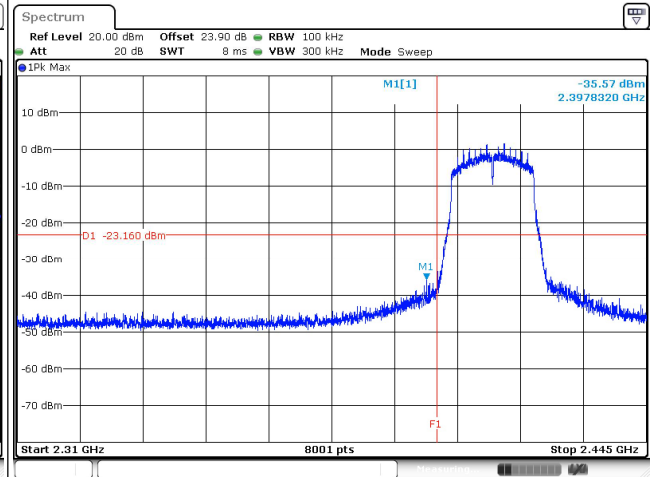
Test Channel : 01

100kHz PSD reference Level



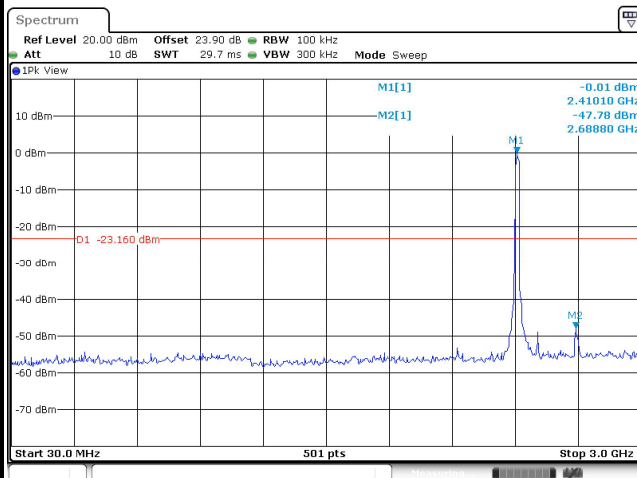
Date: 4 JUN 2022 13:42:37

Channel Plot



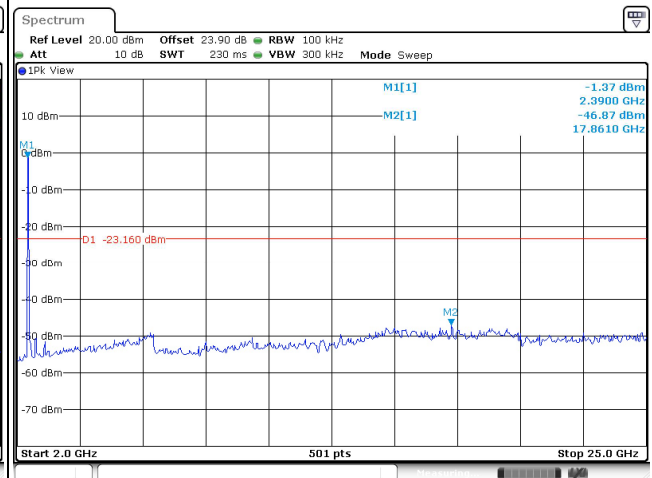
Date: 13 JUN 2022 21:15:45

Spurious Emission 30MHz~3GHz



Date: 13 JUN 2022 21:15:55

Spurious Emission 2GHz~25GHz

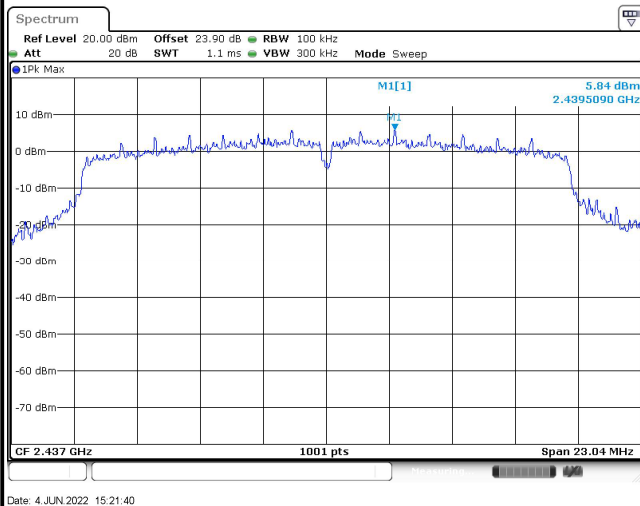


Date: 13 JUN 2022 21:16:04



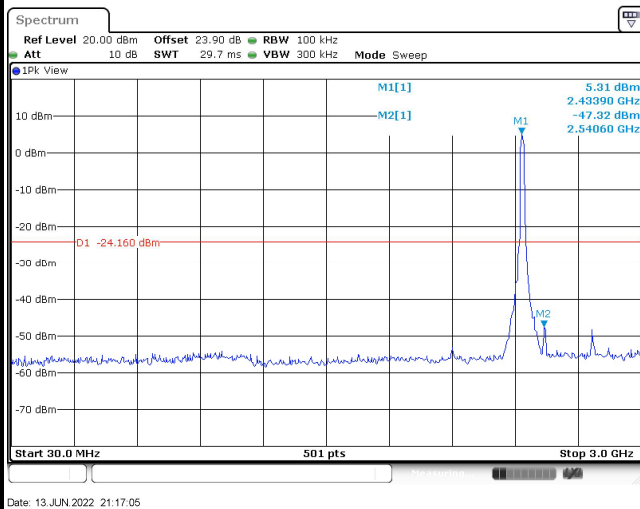
Test Mode :	802.11n HT20	Test Channel :	06
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100kHz PSD reference Level

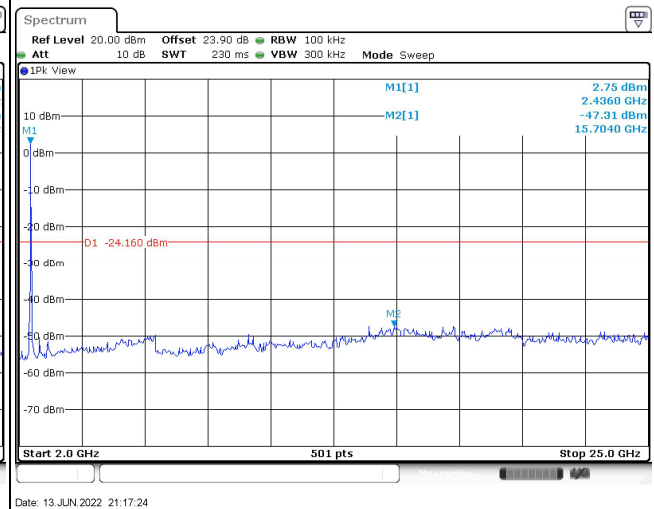


Channel Plot

Spurious Emission 30MHz~3GHz



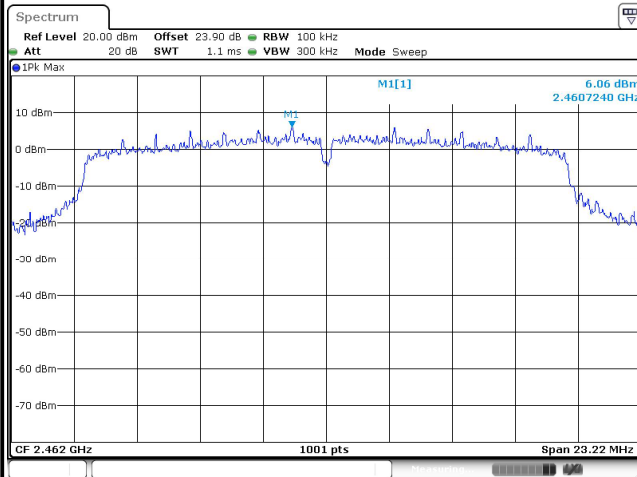
Spurious Emission 2GHz~25GHz





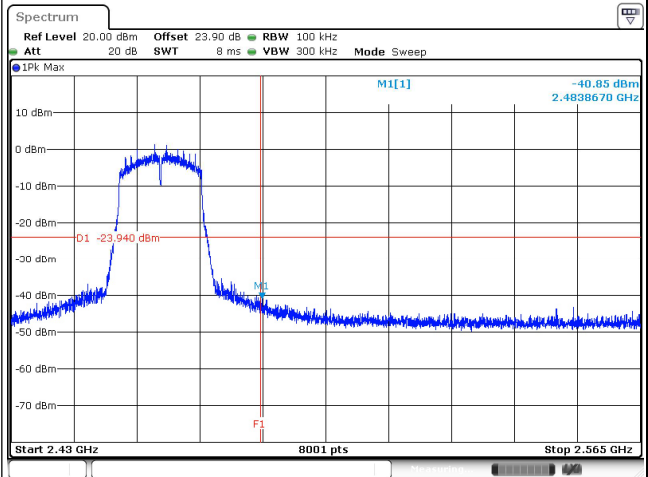
Test Mode :	802.11n HT20	Test Channel :	11
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100kHz PSD reference Level



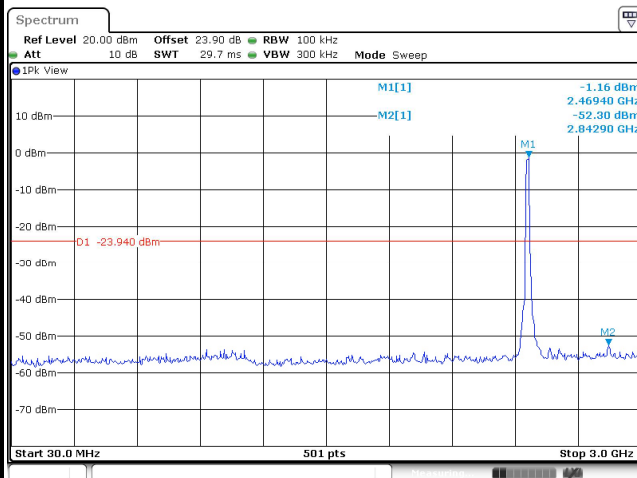
Date: 4 JUN 2022 13:44:44

Channel Plot



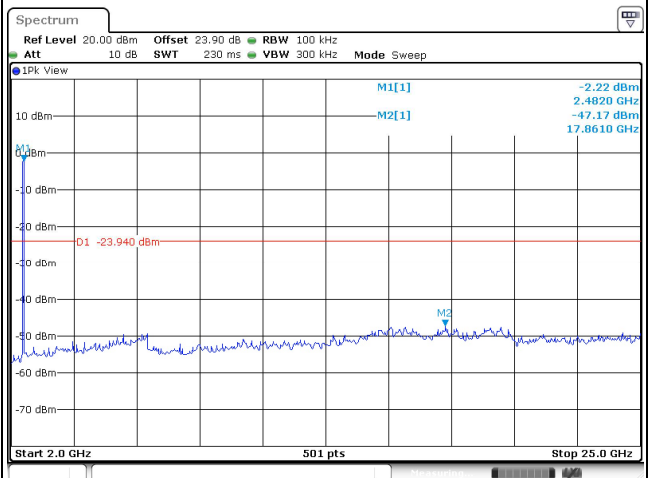
Date: 13 JUN 2022 21:18:07

Spurious Emission 30MHz~3GHz



Date: 13 JUN 2022 21:18:19

Spurious Emission 2GHz~25GHz



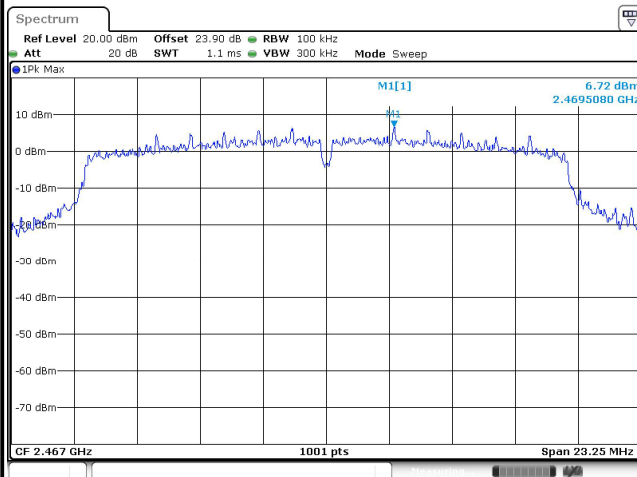
Date: 13 JUN 2022 21:18:30



Test Mode : 802.11n HT20

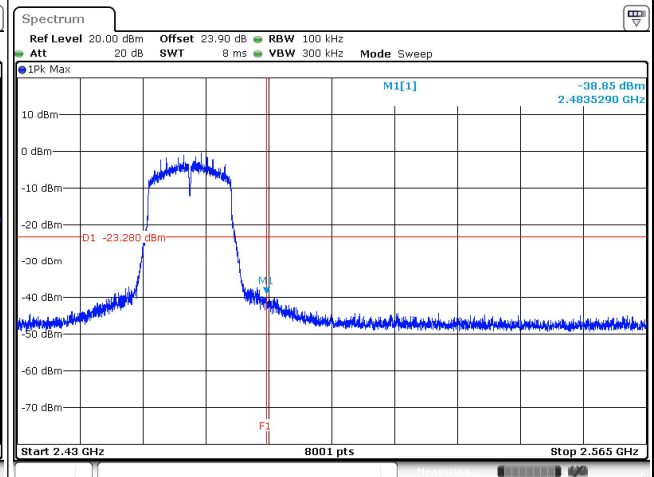
Test Channel : 12

100kHz PSD reference Level



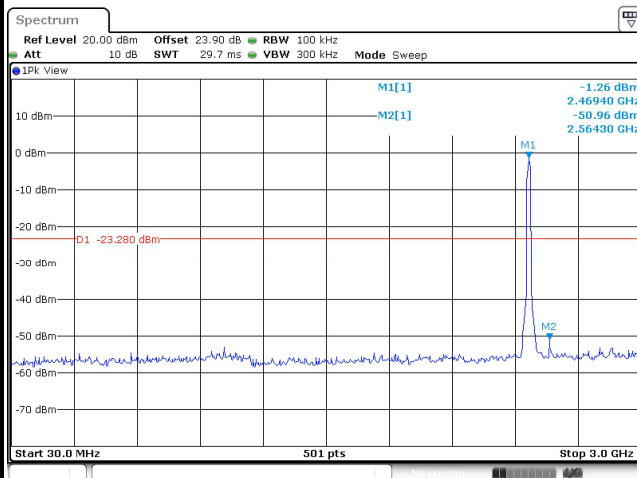
Date: 4 JUN 2022 15:22:58

Channel Plot



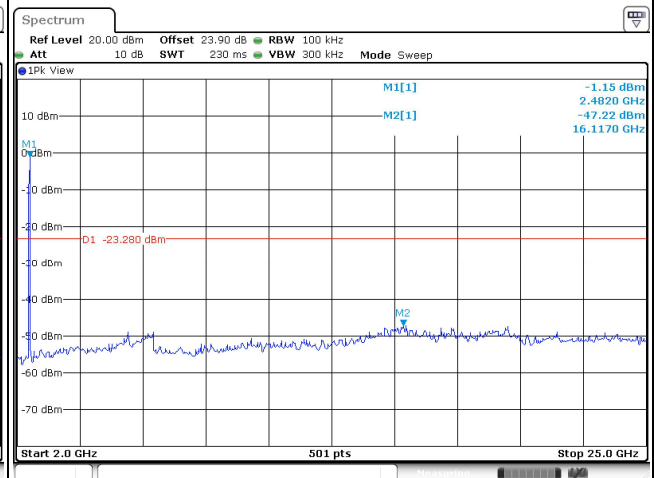
Date: 13 JUN 2022 21:19:15

Spurious Emission 30MHz~3GHz



Date: 13 JUN 2022 21:19:26

Spurious Emission 2GHz~25GHz



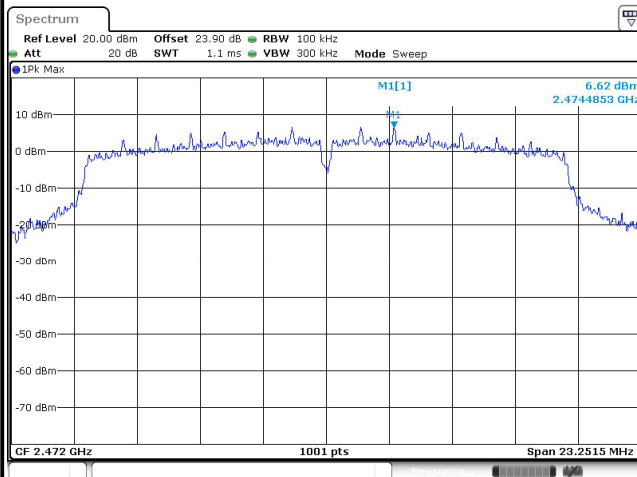
Date: 13 JUN 2022 21:19:37



Test Mode : 802.11n HT20

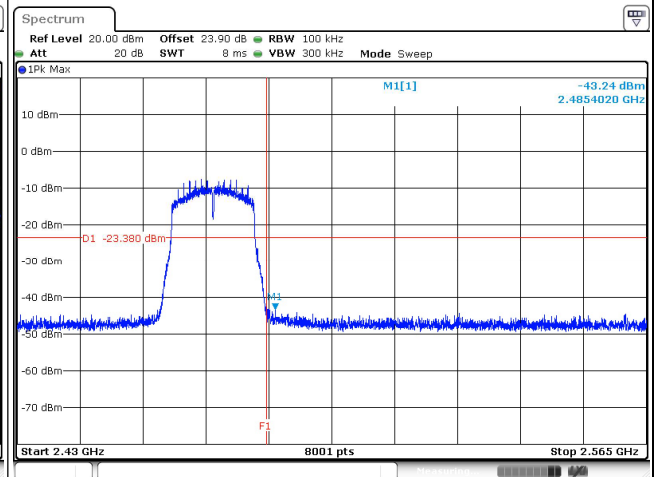
Test Channel : 13

100kHz PSD reference Level



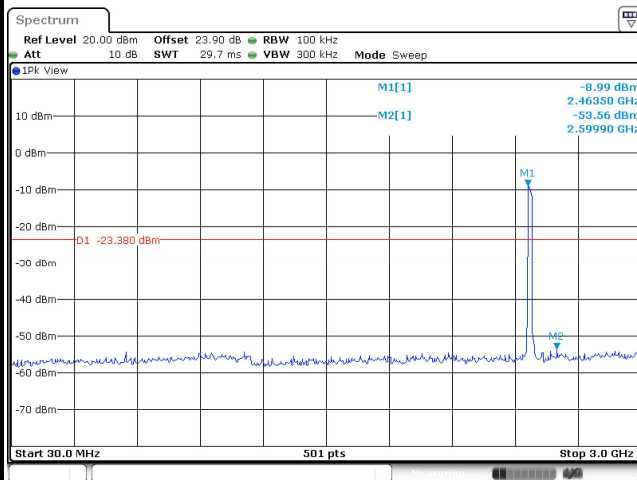
Date: 4 JUN 2022 15:24:23

Channel Plot



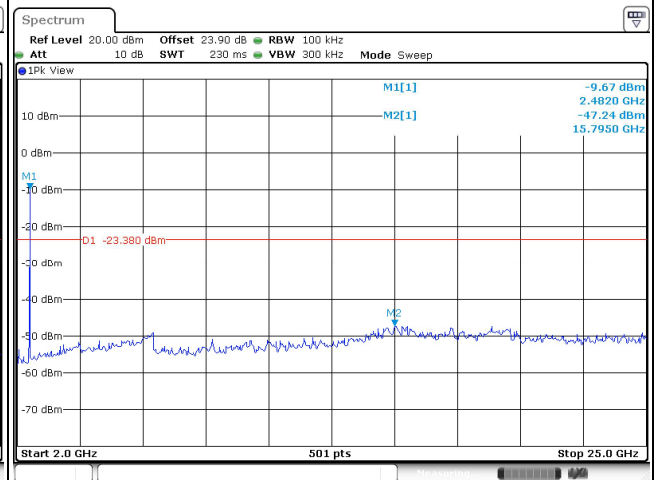
Date: 13 JUN 2022 21:20:15

Spurious Emission 30MHz~3GHz



Date: 13 JUN 2022 21:20:27

Spurious Emission 2GHz~25GHz



Date: 13 JUN 2022 21:20:39

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

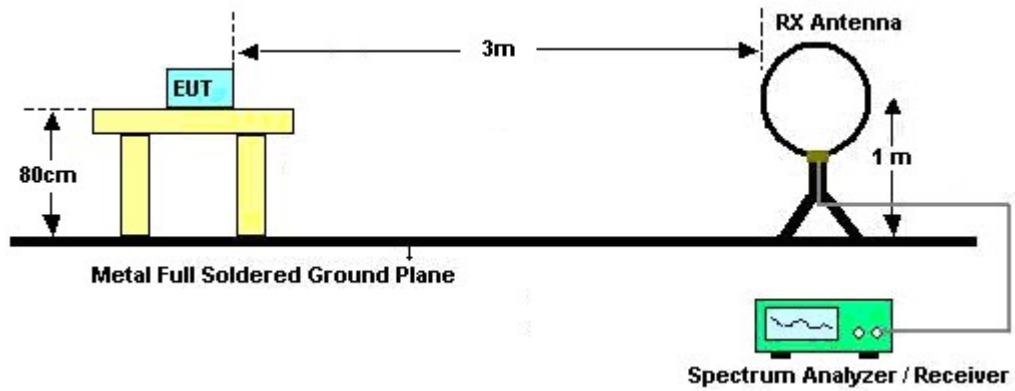
Please refer to the measuring equipment list in this test report.

3.5.3 Test Procedures

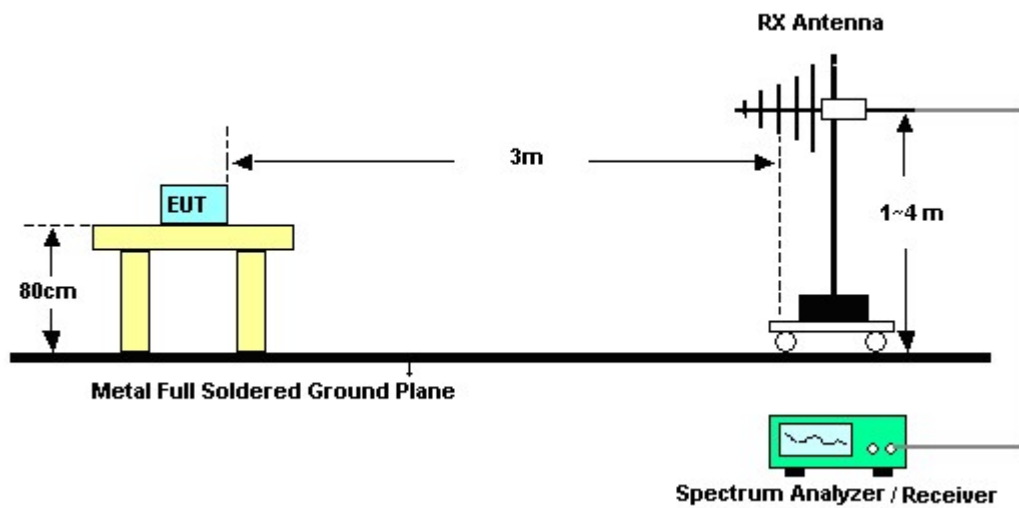
1. The testing follows the ANSI C63.10 Section 11.12.1 Radiated emission measurements.
2. The EUT is arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the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

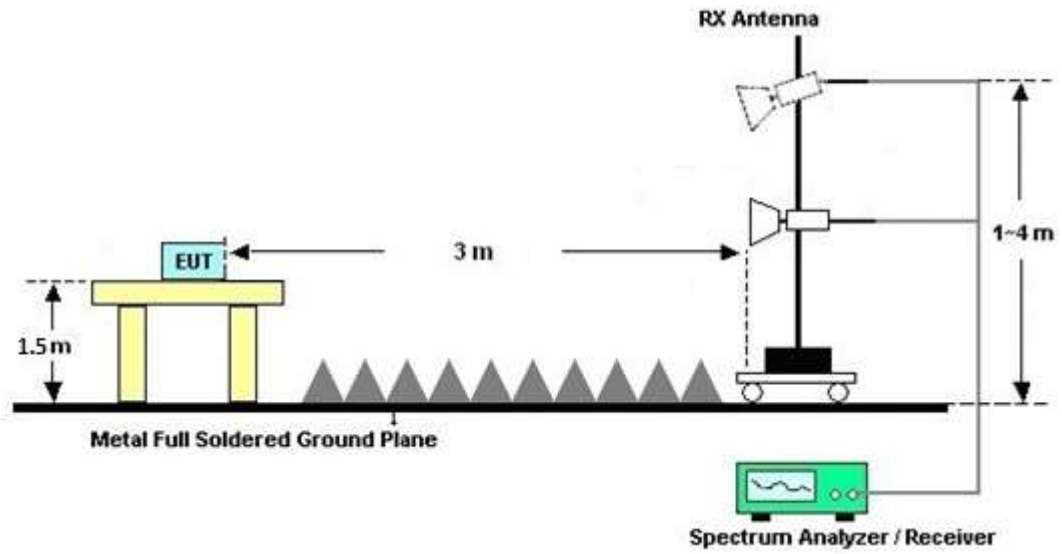
For radiated emissions below 30MHz



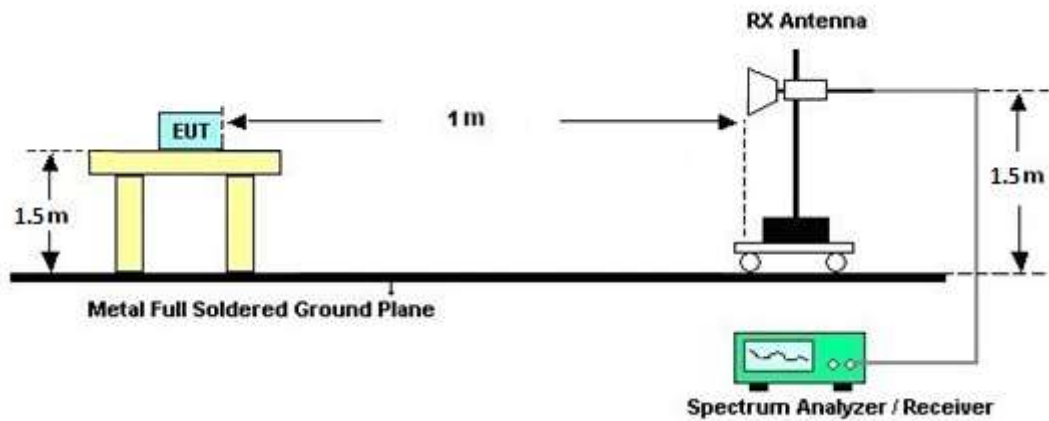
For radiated emissions from 30MHz to 1GHz



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.

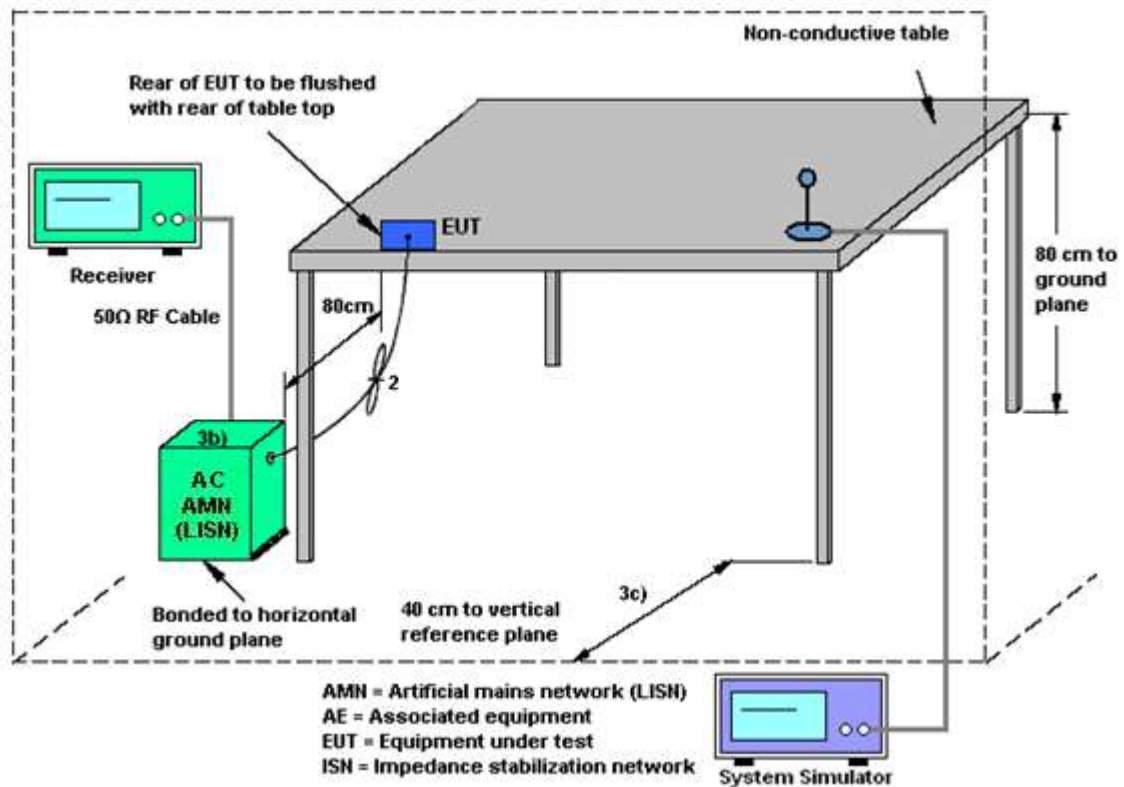
3.6.2 Measuring Instruments

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

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



4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Hygrometer	TECEP	DTM-303A	TP201996	N/A	Nov. 16, 2021	Jun. 04, 2022~ Jun. 13, 2022	Nov. 15, 2022	Conducted (TH05-HY)
Power Sensor	DARE	RPR3006W	16I00054SNO 12 (NO:113)	10MHz~6GHz	Dec. 16, 2021	Jun. 04, 2022~ Jun. 13, 2022	Dec. 15, 2022	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101566	10Hz~40GHz	Aug. 30, 2021	Jun. 04, 2022~ Jun. 13, 2022	Aug. 29, 2022	Conducted (TH05-HY)
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Jun. 07, 2022	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	9kHz~3.6GHz	Dec. 01, 2021	Jun. 07, 2022	Nov. 30, 2022	Conduction (CO05-HY)
Hygrometer	Testo	608-H1	34913912	N/A	Nov. 17, 2021	Jun. 07, 2022	Nov. 16, 2022	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100080	9kHz~30MHz	Dec. 03, 2021	Jun. 07, 2022	Dec. 02, 2022	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32	N/A	N/A	N/A	Jun. 07, 2022	N/A	Conduction (CO05-HY)
Pulse Limiter	SCHWARZBECK	VTSD 9561-F N	00691	N/A	Jul. 28, 2021	Jun. 07, 2022	Jul. 27, 2022	Conduction (CO05-HY)
LISN Cable	MVE	RG-400	260260	N/A	Dec. 30, 2021	Jun. 07, 2022	Dec. 29, 2022	Conduction (CO05-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9kHz~30MHz	Sep. 07, 2021	May 30, 2022 ~ Jun. 22, 2022	Sep. 06, 2022	Radiation (03CH13-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N -06	40103 & 07	30MHz~1GHz	Apr. 24, 2022	May 30, 2022 ~ Jun. 22, 2022	Apr. 23, 2023	Radiation (03CH13-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-1241	1GHz~18GHz	Jul. 13, 2021	May 30, 2022 ~ Jun. 22, 2022	Jul. 12, 2022	Radiation (03CH13-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	00994	18GHz~40GHz	Nov. 04, 2021	May 30, 2022 ~ Jun. 22, 2022	Nov. 03, 2022	Radiation (03CH13-HY)
Amplifier	Sonoma-Instrument	310 N	187282	9kHz~1GHz	Dec. 15, 2021	May 30, 2022 ~ Jun. 22, 2022	Dec. 14, 2022	Radiation (03CH13-HY)
Preamplifier	MITEQ	AMF-7D-0010 1800-30-10P	1590074	1GHz~18GHz	May 17, 2022	May 30, 2022 ~ Jun. 22, 2022	May 16, 2023	Radiation (03CH13-HY)
Preamplifier	Keysight	83017A	MY53270147	1GHz~26.5GHz	Oct. 26, 2021	May 30, 2022 ~ Jun. 22, 2022	Oct. 25, 2022	Radiation (03CH13-HY)
Preamplifier	EMEC	EM18G40G	060715	18GHz~40GHz	Dec. 24, 2021	May 30, 2022 ~ Jun. 22, 2022	Dec. 23, 2022	Radiation (03CH13-HY)
Spectrum Analyzer	Keysight	N9010A	MY55370526	10Hz~44GHz	Mar. 18, 2022	May 30, 2022 ~ Jun. 22, 2022	Mar. 17, 2023	Radiation (03CH13-HY)
Hygrometer	TECEP	DTM-303B	TP200889	N/A	Sep. 30, 2021	May 30, 2022 ~ Jun. 22, 2022	Sep. 29, 2022	Radiation (03CH13-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1m~4m	N/A	May 30, 2022 ~ Jun. 22, 2022	N/A	Radiation (03CH13-HY)
Turn Table	EMEC	TT2000	N/A	0~360 Degree	N/A	May 30, 2022 ~ Jun. 22, 2022	N/A	Radiation (03CH13-HY)
Software	Audix	E3 6.2009-8-24	RK-000992	N/A	N/A	May 30, 2022 ~ Jun. 22, 2022	N/A	Radiation (03CH13-HY)



Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
RF Cable	HUBER + SUHNER	SUCOFLEX 126E	0030/126E	30MHz~18GHz	Feb. 09, 2022	May 30, 2022 ~ Jun. 22, 2022	Feb. 08, 2023	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	804793/4	30MHz~18GHz	Feb. 09, 2022	May 30, 2022 ~ Jun. 22, 2022	Feb. 08, 2023	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY24961/4	30MHz~18GHz	Feb. 09, 2022	May 30, 2022 ~ Jun. 22, 2022	Feb. 08, 2023	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	804011/2, 804012/2	18GHz~40GHz	Jan. 04, 2022	May 30, 2022 ~ Jun. 22, 2022	Jan. 03, 2023	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY9837/4PE	9kHz~30MHz	Mar. 10, 2022	May 30, 2022 ~ Jun. 22, 2022	Mar. 09, 2023	Radiation (03CH13-HY)
Filter	Wainwright	WLK4-1000-15 30-8000-40SS	SN12	1.53GHz Low Pass Filter	Sep. 14, 2021	May 30, 2022 ~ Jun. 22, 2022	Sep. 13, 2022	Radiation (03CH13-HY)
Filter	Wainwright	WHKX8-5872. 5-6750-18000-40ST	SN5	6.75GHz High Pass Filter	Mar. 10, 2022	May 30, 2022 ~ Jun. 22, 2022	Mar. 09, 2023	Radiation (03CH13-HY)
Filter	Wainwright	WHKX12-2700 -3000-18000-6 0SS	SN2	3GHz High Pass Filter	Jul. 12, 2021	May 30, 2022 ~ Jun. 22, 2022	Jul. 11, 2022	Radiation (03CH13-HY)



5 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2U_c(y)$)	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% ($U = 2U_c(y)$)	6.0 dB
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Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)

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

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

Appendix A. Test Result of Conducted Test Items

Test Engineer:	Benny Ku	Temperature:	21~25	°C
Test Date:	2022/6/4~2022/6/13	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
					Ant 1	Ant 2	Ant 1	Ant 2		
11b	1Mbps	1	1	2412	12.49	-	9.06	-	0.50	Pass
11b	1Mbps	1	6	2437	12.84	-	9.10	-	0.50	Pass
11b	1Mbps	1	11	2462	12.04	-	8.12	-	0.50	Pass
11b	1Mbps	1	12	2467	11.94	-	8.60	-	0.50	Pass
11b	1Mbps	1	13	2472	11.89	-	9.08	-	0.50	Pass
11g	6Mbps	1	1	2412	17.68	-	15.52	-	0.50	Pass
11g	6Mbps	1	6	2437	19.33	-	15.50	-	0.50	Pass
11g	6Mbps	1	11	2462	17.73	-	15.52	-	0.50	Pass
11g	6Mbps	1	12	2467	17.68	-	15.52	-	0.50	Pass
11g	6Mbps	1	13	2472	17.78	-	15.48	-	0.50	Pass
HT20	MCS0	1	1	2412	18.63	-	15.50	-	0.50	Pass
HT20	MCS0	1	6	2437	20.38	-	15.36	-	0.50	Pass
HT20	MCS0	1	11	2462	18.63	-	15.74	-	0.50	Pass
HT20	MCS0	1	12	2467	18.63	-	15.48	-	0.50	Pass
HT20	MCS0	1	13	2472	18.58	-	14.98	-	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
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
11b	1Mbps	1	1	2412	18.40	-		30.00	-	5.20	-	23.60	-	36.00	-	Pass
11b	1Mbps	1	6	2437	18.80	-		30.00	-	5.20	-	24.00	-	36.00	-	Pass
11b	1Mbps	1	11	2462	17.00	-		30.00	-	5.20	-	22.20	-	36.00	-	Pass
11b	1Mbps	1	12	2467	16.30	-		30.00	-	5.20	-	21.50	-	36.00	-	Pass
11b	1Mbps	1	13	2472	14.30	-		30.00	-	5.20	-	19.50	-	36.00	-	Pass
11g	6Mbps	1	1	2412	14.30	-		30.00	-	5.20	-	19.50	-	36.00	-	Pass
11g	6Mbps	1	6	2437	18.20	-		30.00	-	5.20	-	23.40	-	36.00	-	Pass
11g	6Mbps	1	11	2462	14.40	-		30.00	-	5.20	-	19.60	-	36.00	-	Pass
11g	6Mbps	1	12	2467	11.90	-		30.00	-	5.20	-	17.10	-	36.00	-	Pass
11g	6Mbps	1	13	2472	5.10	-		30.00	-	5.20	-	10.30	-	36.00	-	Pass
HT20	MCS0	1	1	2412	13.50	-		30.00	-	5.20	-	18.70	-	36.00	-	Pass
HT20	MCS0	1	6	2437	18.30	-		30.00	-	5.20	-	23.50	-	36.00	-	Pass
HT20	MCS0	1	11	2462	12.90	-		30.00	-	5.20	-	18.10	-	36.00	-	Pass
HT20	MCS0	1	12	2467	11.50	-		30.00	-	5.20	-	16.70	-	36.00	-	Pass
HT20	MCS0	1	13	2472	4.90	-		30.00	-	5.20	-	10.10	-	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
					Ant 1	Ant 2	Worse + 3.01	Ant 1	Ant 2	Ant 1	Ant 2	
11b	1Mbps	1	1	2412	-4.85	-		5.20	-	8.00	-	Pass
11b	1Mbps	1	6	2437	-4.93	-		5.20	-	8.00	-	Pass
11b	1Mbps	1	11	2462	-6.42	-		5.20	-	8.00	-	Pass
11b	1Mbps	1	12	2467	-8.06	-		5.20	-	8.00	-	Pass
11b	1Mbps	1	13	2472	-9.13	-		5.20	-	8.00	-	Pass
11g	6Mbps	1	1	2412	-12.36	-		5.20	-	8.00	-	Pass
11g	6Mbps	1	6	2437	-8.30	-		5.20	-	8.00	-	Pass
11g	6Mbps	1	11	2462	-12.06	-		5.20	-	8.00	-	Pass
11g	6Mbps	1	12	2467	-14.01	-		5.20	-	8.00	-	Pass
11g	6Mbps	1	13	2472	-20.15	-		5.20	-	8.00	-	Pass
HT20	MCS0	1	1	2412	-12.02	-		5.20	-	8.00	-	Pass
HT20	MCS0	1	6	2437	-8.07	-		5.20	-	8.00	-	Pass
HT20	MCS0	1	11	2462	-13.03	-		5.20	-	8.00	-	Pass
HT20	MCS0	1	12	2467	-13.96	-		5.20	-	8.00	-	Pass
HT20	MCS0	1	13	2472	-20.97	-		5.20	-	8.00	-	Pass

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



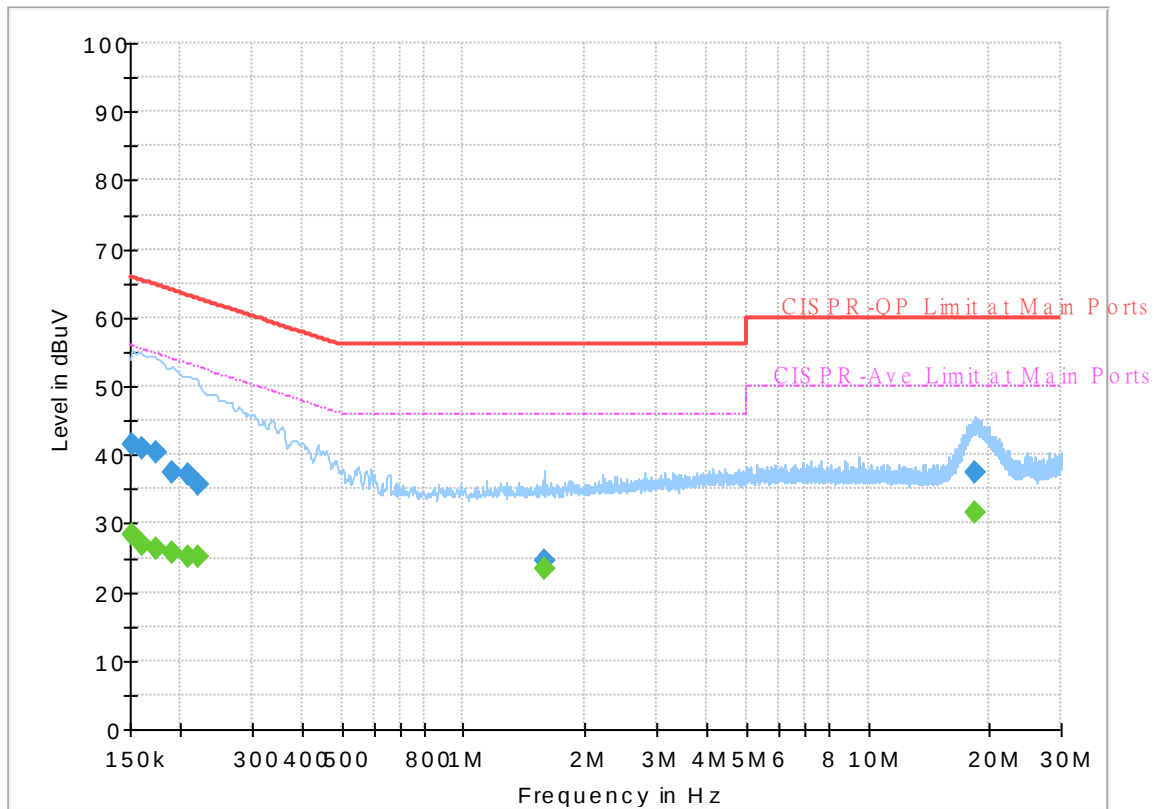
Appendix B. AC Conducted Emission Test Results

Test Engineer :	Calvin Wang, Tom Lee	Temperature :	23~26°C
		Relative Humidity :	45~55%

EUT Information

Report NO : 1D2427-01
Test Mode : Mode 1
Test Voltage : 120Vac/60Hz
Phase : Line

Full Spectrum



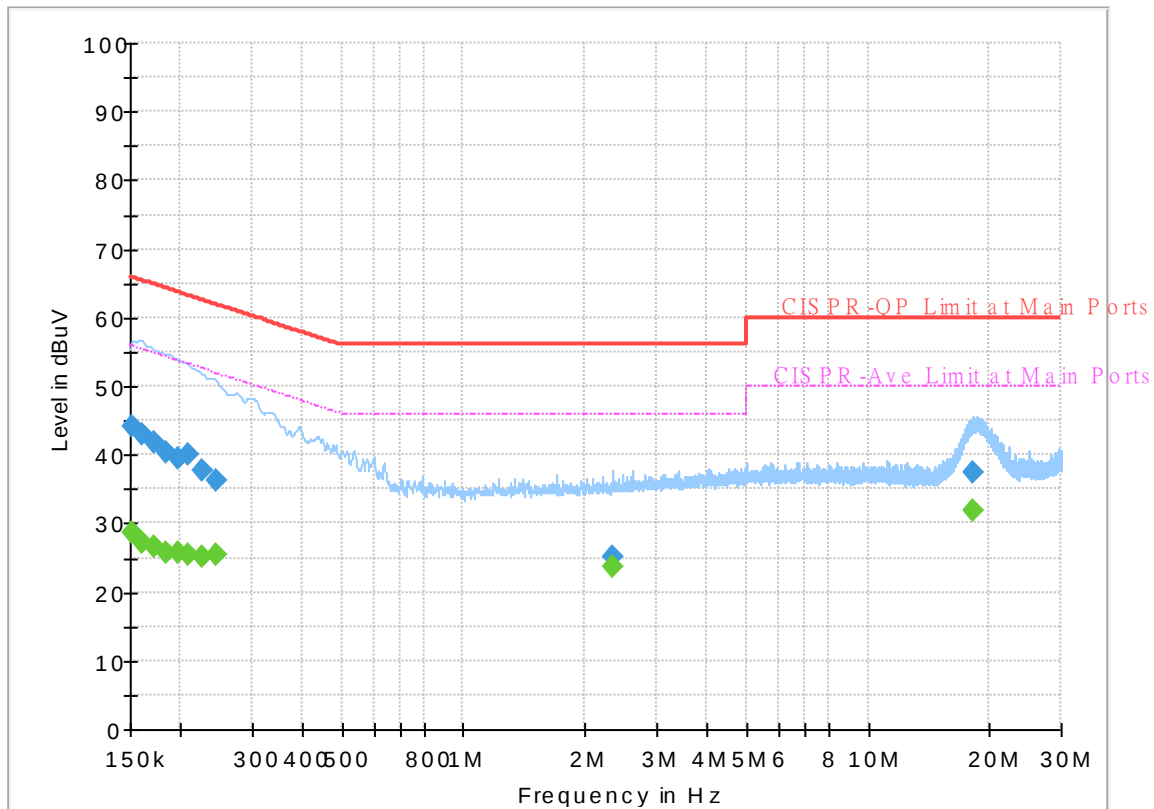
Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	41.47	---	65.88	24.41	L1	OFF	19.6
0.152250	---	28.50	55.88	27.38	L1	OFF	19.6
0.161250	40.85	---	65.40	24.55	L1	OFF	19.6
0.161250	---	26.79	55.40	28.61	L1	OFF	19.6
0.174750	40.34	---	64.73	24.39	L1	OFF	19.6
0.174750	---	26.34	54.73	28.39	L1	OFF	19.6
0.190500	37.34	---	64.02	26.68	L1	OFF	19.6
0.190500	---	25.59	54.02	28.43	L1	OFF	19.6
0.208500	37.16	---	63.27	26.11	L1	OFF	19.6
0.208500	---	25.23	53.27	28.04	L1	OFF	19.6
0.219750	35.67	---	62.83	27.16	L1	OFF	19.6
0.219750	---	25.24	52.83	27.59	L1	OFF	19.6
1.581000	24.65	---	56.00	31.35	L1	OFF	19.7
1.581000	---	23.30	46.00	22.70	L1	OFF	19.7
18.411000	37.34	---	60.00	22.66	L1	OFF	20.4
18.411000	---	31.70	50.00	18.30	L1	OFF	20.4

EUT Information

Report NO : 1D2427-01
 Test Mode : Mode 1
 Test Voltage : 120Vac/60Hz
 Phase : Neutral

Full Spectrum



Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	28.72	55.88	27.16	N	OFF	19.6
0.152250	44.02	---	65.88	21.86	N	OFF	19.6
0.161250	---	27.32	55.40	28.08	N	OFF	19.6
0.161250	42.86	---	65.40	22.54	N	OFF	19.6
0.172500	---	26.53	54.84	28.31	N	OFF	19.6
0.172500	41.77	---	64.84	23.07	N	OFF	19.6
0.183750	---	25.79	54.31	28.52	N	OFF	19.6
0.183750	40.48	---	64.31	23.83	N	OFF	19.6
0.197250	---	25.81	53.73	27.92	N	OFF	19.6
0.197250	39.42	---	63.73	24.31	N	OFF	19.6
0.208500	---	25.39	53.27	27.88	N	OFF	19.6
0.208500	40.10	---	63.27	23.17	N	OFF	19.6
0.226500	---	25.08	52.58	27.50	N	OFF	19.6
0.226500	37.79	---	62.58	24.79	N	OFF	19.6
0.244500	---	25.53	51.94	26.41	N	OFF	19.6
0.244500	36.14	---	61.94	25.80	N	OFF	19.6
2.332500	---	23.74	46.00	22.26	N	OFF	19.7
2.332500	25.22	---	56.00	30.78	N	OFF	19.7
18.264750	---	31.87	50.00	18.13	N	OFF	20.4
18.264750	37.56	---	60.00	22.44	N	OFF	20.4



Appendix C. Radiated Spurious Emission

Test Engineer :	Rain Lee, Jacky Hong	Temperature :	20~25°C
		Relative Humidity :	50~60%



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.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b CH 01 2412MHz		2390	57.43	-16.57	74	42.72	27.72	14.06	27.07	260	141	P	H
		2390	50.15	-3.85	54	35.44	27.72	14.06	27.07	260	141	A	H
	*	2412	107.41	-	-	92.71	27.68	14.08	27.06	260	141	P	H
	*	2412	104.21	-	-	89.51	27.68	14.08	27.06	260	141	A	H
		2388.96	57.55	-16.45	74	42.84	27.72	14.06	27.07	100	64	P	V
		2390	50.2	-3.8	54	35.49	27.72	14.06	27.07	100	64	P	V
	*	2412	107.54	-	-	92.84	27.68	14.08	27.06	100	64	P	V
	*	2412	104.37	-	-	89.67	27.68	14.08	27.06	100	64	A	V
802.11b CH 06 2437MHz		2324.84	55.47	-18.53	74	40.56	28	14	27.09	252	126	P	H
		2360.82	44.21	-9.79	54	29.47	27.78	14.03	27.07	252	126	A	H
	*	2437	107.83	-	-	93.15	27.63	14.1	27.05	252	126	P	H
	*	2437	104.86	-	-	90.18	27.63	14.1	27.05	252	126	A	H
		2486.77	56.21	-17.79	74	41.42	27.67	14.15	27.03	252	126	P	H
		2485.15	44.46	-9.54	54	29.67	27.67	14.15	27.03	252	126	A	H
		2341.92	56.59	-17.41	74	41.79	27.86	14.02	27.08	111	195	P	V
		2360.96	44.32	-9.68	54	29.58	27.78	14.03	27.07	111	195	A	V
	*	2437	107.88	-	-	93.2	27.63	14.1	27.05	111	195	P	V
	*	2437	104.71	-	-	90.03	27.63	14.1	27.05	111	195	A	V
		2489.38	55.72	-18.28	74	40.92	27.68	14.15	27.03	111	195	P	V
		2487.04	44.34	-9.66	54	29.55	27.67	14.15	27.03	111	195	A	V



802.11b CH 11 2462MHz	*	2462	105.52	-	-	90.81	27.62	14.13	27.04	400	33	P	H
	*	2462	102.33	-	-	87.62	27.62	14.13	27.04	400	33	A	H
		2483.6	57.75	-16.25	74	42.97	27.67	14.15	27.04	400	33	P	H
		2483.52	49.89	-4.11	54	35.11	27.67	14.15	27.04	400	33	A	H
	*	2462	105.95	-	-	91.24	27.62	14.13	27.04	100	119	P	V
	*	2462	102.82	-	-	88.11	27.62	14.13	27.04	100	119	A	V
		2483.88	57.92	-16.08	74	43.14	27.67	14.15	27.04	100	119	P	V
		2483.52	50.49	-3.51	54	35.71	27.67	14.15	27.04	100	119	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



WIFI Ant. 1	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	105.79	-	-	91.07	27.63	14.13	27.04	250	123	P	H
	*	2467	102.74	-	-	88.02	27.63	14.13	27.04	250	123	A	H
		2484.04	59.4	-14.6	74	44.62	27.67	14.15	27.04	250	123	P	H
		2484.04	50.61	-3.39	54	35.83	27.67	14.15	27.04	250	123	A	H
	*	2467	105.19	-	-	90.47	27.63	14.13	27.04	101	121	P	V
	*	2467	102.1	-	-	87.38	27.63	14.13	27.04	101	121	A	V
		2483.96	59.45	-14.55	74	44.67	27.67	14.15	27.04	101	121	P	V
		2484.04	50.74	-3.26	54	35.96	27.67	14.15	27.04	101	121	A	V
802.11b CH 13 2472MHz	*	2472	102.76	-	-	88.03	27.64	14.13	27.04	250	123	P	H
	*	2472	99.68	-	-	84.95	27.64	14.13	27.04	250	123	A	H
		2485.68	59.51	-14.49	74	44.72	27.67	14.15	27.03	250	123	P	H
		2483.52	50.56	-3.44	54	35.78	27.67	14.15	27.04	250	123	A	H
	*	2472	102.82	-	-	88.09	27.64	14.13	27.04	121	120	P	V
	*	2472	99.71	-	-	84.98	27.64	14.13	27.04	121	120	A	V
		2484.88	59.68	-14.32	74	44.89	27.67	14.15	27.03	121	120	P	V
		2483.52	50.97	-3.03	54	36.19	27.67	14.15	27.04	121	120	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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

WIFI Ant. 1	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	45.27	-28.73	74	64.33	31.45	6.8	57.31	-	-	P	H
		10995	48.86	-25.14	74	54.5	40.71	10.06	56.41	-	-	P	H
		10995	38.61	-15.39	54	44.25	40.71	10.06	56.41	-	-	A	H
		14475	50.39	-23.61	74	53.67	41.8	11.76	56.84	-	-	P	H
		14475	40.45	-13.55	54	43.73	41.8	11.76	56.84	-	-	A	H
		18000	56.71	-17.29	74	51.69	48.5	13.55	57.03	-	-	P	H
		18000	46.41	-7.59	54	41.39	48.5	13.55	57.03	-	-	A	H
		4824	43.76	-30.24	74	62.82	31.45	6.8	57.31	-	-	P	V
		10830	49.75	-24.25	74	55.43	40.76	9.97	56.41	-	-	P	V
		10830	37.9	-16.1	54	43.58	40.76	9.97	56.41	-	-	A	V
		14490	50.48	-23.52	74	53.66	41.86	11.77	56.81	-	-	P	V
		14490	40.5	-13.5	54	43.68	41.86	11.77	56.81	-	-	A	V
		17985	56.34	-17.66	74	51.73	48.1	13.54	57.03	-	-	P	V
		17985	46.85	-7.15	54	42.24	48.1	13.54	57.03	-	-	A	V



WIFI Ant. 1	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	47.3	-26.7	74	66.26	31.45	6.82	57.23	-	-	P	H
		7311	45.93	-28.07	74	57.74	37.08	8.44	57.33	-	-	P	H
		10605	48.63	-25.37	74	54.98	40.22	9.83	56.4	-	-	P	H
		10605	37.73	-16.27	54	44.08	40.22	9.83	56.4	-	-	A	H
		14490	49.93	-24.07	74	53.11	41.86	11.77	56.81	-	-	P	H
		14490	40.49	-13.51	54	43.67	41.86	11.77	56.81	-	-	A	H
		18000	56.17	-17.83	74	51.15	48.5	13.55	57.03	-	-	P	H
		18000	47.88	-6.12	54	42.86	48.5	13.55	57.03	-	-	A	H
		4874	46.27	-27.73	74	65.23	31.45	6.82	57.23	-	-	P	V
		7311	46.02	-27.98	74	57.83	37.08	8.44	57.33	-	-	P	V
		10815	48.21	-25.79	74	53.93	40.73	9.96	56.41	-	-	P	V
		10815	38.48	-15.52	54	44.2	40.73	9.96	56.41	-	-	A	V
		14490	50.05	-23.95	74	53.23	41.86	11.77	56.81	-	-	P	V
		14490	41.13	-12.87	54	44.31	41.86	11.77	56.81	-	-	A	V
		18000	57.22	-16.78	74	52.2	48.5	13.55	57.03	-	-	P	V
		18000	48.16	-5.84	54	43.14	48.5	13.55	57.03	-	-	A	V



WIFI Ant. 1	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	50.12	-23.88	74	68.89	31.54	6.85	57.16	200	214	P	H
		4924	46.94	-7.06	54	65.71	31.54	6.85	57.16	200	214	A	H
		7386	45.22	-28.78	74	57.04	37.07	8.55	57.44	-	-	P	H
		10875	49.51	-24.49	74	55.09	40.85	9.98	56.41	-	-	P	H
		10875	38.52	-15.48	54	44.1	40.85	9.98	56.41	-	-	A	H
		14490	50.72	-23.28	74	53.9	41.86	11.77	56.81	-	-	P	H
		14490	40.69	-13.31	54	43.87	41.86	11.77	56.81	-	-	A	H
		17985	56.12	-17.88	74	51.51	48.1	13.54	57.03	-	-	P	H
		17985	47.17	-6.83	54	42.56	48.1	13.54	57.03	-	-	A	H
		4924	47.88	-26.12	74	66.65	31.54	6.85	57.16	-	-	P	V
		7386	44.53	-29.47	74	56.35	37.07	8.55	57.44	-	-	P	V
		10950	48.69	-25.31	74	54.27	40.8	10.03	56.41	-	-	P	V
		10950	38.31	-15.69	54	43.89	40.8	10.03	56.41	-	-	A	V
		14490	50.73	-23.27	74	53.91	41.86	11.77	56.81	-	-	P	V
		14490	40.9	-13.1	54	44.08	41.86	11.77	56.81	-	-	A	V
		18000	56.74	-17.26	74	51.72	48.5	13.55	57.03	-	-	P	V
		18000	47.13	-6.87	54	42.11	48.5	13.55	57.03	-	-	A	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. 1	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	49.93	-24.07	74	68.62	31.6	6.85	57.14	400	139	P	H
		4934	47.13	-6.87	54	65.82	31.6	6.85	57.14	400	139	A	H
		7401	44.66	-29.34	74	56.45	37.1	8.57	57.46	-	-	P	H
		11010	48.22	-25.78	74	53.91	40.65	10.06	56.4	-	-	P	H
		11010	38.62	-15.38	54	44.31	40.65	10.06	56.4	-	-	A	H
		14475	49.16	-24.84	74	52.44	41.8	11.76	56.84	-	-	P	H
		14475	40.42	-13.58	54	43.7	41.8	11.76	56.84	-	-	A	H
		17985	56.09	-17.91	74	51.48	48.1	13.54	57.03	-	-	P	H
		17985	47.61	-6.39	54	43	48.1	13.54	57.03	-	-	A	H
		4934	46.69	-27.31	74	65.38	31.6	6.85	57.14	-	-	P	V
		7401	44.46	-29.54	74	56.25	37.1	8.57	57.46	-	-	P	V
		10845	48.95	-25.05	74	54.6	40.79	9.97	56.41	-	-	P	V
		10845	38.35	-15.65	54	44	40.79	9.97	56.41	-	-	A	V
		14475	49.55	-24.45	74	52.83	41.8	11.76	56.84	-	-	P	V
		14475	40.85	-13.15	54	44.13	41.8	11.76	56.84	-	-	A	V
		18000	56.12	-17.88	74	51.1	48.5	13.55	57.03	-	-	P	V
		18000	48.1	-5.9	54	43.08	48.5	13.55	57.03	-	-	A	V



WIFI Ant. 1	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	46.71	-27.29	74	65.32	31.66	6.86	57.13	-	-	P	H
		7416	44.98	-29.02	74	56.83	37.07	8.56	57.48	-	-	P	H
		10860	48.73	-25.27	74	54.34	40.82	9.98	56.41	-	-	P	H
		10860	38.62	-15.38	54	44.23	40.82	9.98	56.41	-	-	A	H
		14490	50.2	-23.8	74	53.38	41.86	11.77	56.81	-	-	P	H
		14490	40.78	-13.22	54	43.96	41.86	11.77	56.81	-	-	A	H
		18000	56.54	-17.46	74	51.52	48.5	13.55	57.03	-	-	P	H
		18000	47.87	-6.13	54	42.85	48.5	13.55	57.03	-	-	A	H
		4944	44.25	-29.75	74	62.86	31.66	6.86	57.13	-	-	P	V
		7416	44.94	-29.06	74	56.79	37.07	8.56	57.48	-	-	P	V
		10845	48.59	-25.41	74	54.24	40.79	9.97	56.41	-	-	P	V
		10845	38.54	-15.46	54	44.19	40.79	9.97	56.41	-	-	A	V
		14475	49.92	-24.08	74	53.2	41.8	11.76	56.84	-	-	P	V
		14475	40.75	-13.25	54	44.03	41.8	11.76	56.84	-	-	A	V
		18000	56	-18	74	50.98	48.5	13.55	57.03	-	-	P	V
		18000	48.05	-5.95	54	43.03	48.5	13.55	57.03	-	-	A	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 Ant. 1	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		2389.905	65.33	-8.67	74	50.62	27.72	14.06	27.07	230	126	P	H
		2390	50.56	-3.44	54	35.85	27.72	14.06	27.07	230	126	A	H
	*	2412	106.07	-	-	91.37	27.68	14.08	27.06	230	126	P	H
	*	2412	98.22	-	-	83.52	27.68	14.08	27.06	230	126	A	H
		2389.905	65.97	-8.03	74	51.26	27.72	14.06	27.07	119	188	P	V
		2390	50.64	-3.36	54	35.93	27.72	14.06	27.07	119	188	A	V
	*	2412	106.1	-	-	91.4	27.68	14.08	27.06	119	188	P	V
	*	2412	98.25	-	-	83.55	27.68	14.08	27.06	119	188	A	V
802.11g CH 06 2437MHz		2389.8	61.38	-12.62	74	46.67	27.72	14.06	27.07	380	142	P	H
		2389.94	48.36	-5.64	54	33.65	27.72	14.06	27.07	380	142	A	H
	*	2437	104.5	-	-	89.82	27.63	14.1	27.05	380	142	P	H
	*	2437	96.84	-	-	82.16	27.63	14.1	27.05	380	142	A	H
		2483.8	58.9	-15.1	74	44.12	27.67	14.15	27.04	380	142	P	H
		2483.53	46.88	-7.12	54	32.1	27.67	14.15	27.04	380	142	A	H
		2389.52	61.64	-12.36	74	46.93	27.72	14.06	27.07	250	199	P	V
		2389.94	48.9	-5.1	54	34.19	27.72	14.06	27.07	250	199	A	V
	*	2437	108.78	-	-	94.1	27.63	14.1	27.05	250	199	P	V
	*	2437	100.93	-	-	86.25	27.63	14.1	27.05	250	199	A	V
		2491.9	60.03	-13.97	74	45.23	27.68	14.15	27.03	250	199	P	V
		2483.53	47.27	-6.73	54	32.49	27.67	14.15	27.04	250	199	A	V



802.11g CH 11 2462MHz	*	2462	106.66	-	-	91.95	27.62	14.13	27.04	250	125	P	H
	*	2462	98.19	-	-	83.48	27.62	14.13	27.04	250	125	A	H
		2483.64	65.89	-8.11	74	51.11	27.67	14.15	27.04	250	125	P	H
		2483.52	50.55	-3.45	54	35.77	27.67	14.15	27.04	250	125	A	H
	*	2462	106.25	-	-	91.54	27.62	14.13	27.04	100	109	P	V
	*	2462	98.42	-	-	83.71	27.62	14.13	27.04	100	109	A	V
		2483.84	66.93	-7.07	74	52.15	27.67	14.15	27.04	100	109	P	V
		2483.52	50.88	-3.12	54	36.1	27.67	14.15	27.04	100	109	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



WIFI Ant. 1	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	103.94	-	-	89.22	27.63	14.13	27.04	250	124	P	H
	*	2467	95.55	-	-	80.83	27.63	14.13	27.04	250	124	A	H
		2485.24	64.48	-9.52	74	49.69	27.67	14.15	27.03	250	124	P	H
		2483.52	50.41	-3.59	54	35.63	27.67	14.15	27.04	250	124	A	H
	*	2467	103.19	-	-	88.47	27.63	14.13	27.04	100	117	P	V
	*	2467	95.45	-	-	80.73	27.63	14.13	27.04	100	117	A	V
		2484.92	63.71	-10.29	74	48.92	27.67	14.15	27.03	100	117	P	V
		2483.52	50.81	-3.19	54	36.03	27.67	14.15	27.04	100	117	A	V
802.11g CH 13 2472MHz	*	2472	97.87	-	-	83.14	27.64	14.13	27.04	251	123	P	H
	*	2472	90.18	-	-	75.45	27.64	14.13	27.04	251	123	A	H
		2483.52	63.56	-10.44	74	48.78	27.67	14.15	27.04	251	123	P	H
		2483.52	50.51	-3.49	54	35.73	27.67	14.15	27.04	251	123	A	H
	*	2472	97.82	-	-	83.09	27.64	14.13	27.04	106	109	P	V
	*	2472	90.07	-	-	75.34	27.64	14.13	27.04	106	109	A	V
		2483.52	64.2	-9.8	74	49.42	27.67	14.15	27.04	106	109	P	V
		2483.5	50.6	-3.4	54	35.82	27.67	14.15	27.04	106	109	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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

WIFI Ant. 1	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	39.94	-34.06	74	59	31.45	6.8	57.31	-	-	P	H
		11025	48.56	-25.44	74	54.3	40.58	10.07	56.39	-	-	P	H
		11025	38.43	-15.57	54	44.17	40.58	10.07	56.39	-	-	A	H
		14490	50.2	-23.8	74	53.38	41.86	11.77	56.81	-	-	P	H
		14490	40.85	-13.15	54	44.03	41.86	11.77	56.81	-	-	A	H
		18000	56.19	-17.81	74	51.17	48.5	13.55	57.03	-	-	P	H
		18000	48.04	-5.96	54	43.02	48.5	13.55	57.03	-	-	A	H
		4824	40.49	-33.51	74	59.55	31.45	6.8	57.31	-	-	P	V
		10755	48.28	-25.72	74	54.16	40.61	9.92	56.41	-	-	P	V
		10755	38.28	-15.72	54	44.16	40.61	9.92	56.41	-	-	A	V
		14490	50.41	-23.59	74	53.59	41.86	11.77	56.81	-	-	P	V
		14490	41.13	-12.87	54	44.31	41.86	11.77	56.81	-	-	A	V
		17985	56.08	-17.92	74	51.47	48.1	13.54	57.03	-	-	P	V
		17985	47.47	-6.53	54	42.86	48.1	13.54	57.03	-	-	A	V



WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11g CH 06 2437MHz		4874	43.55	-30.45	74	62.51	31.45	6.82	57.23	-	-	P	H
		7311	47.43	-26.57	74	59.24	37.08	8.44	57.33	-	-	P	H
		10860	48.91	-25.09	74	54.52	40.82	9.98	56.41	-	-	P	H
		10860	37.67	-16.33	54	43.28	40.82	9.98	56.41	-	-	A	H
		14475	50.05	-23.95	74	53.33	41.8	11.76	56.84	-	-	P	H
		14475	40.32	-13.68	54	43.6	41.8	11.76	56.84	-	-	A	H
		18000	56.02	-17.98	74	51	48.5	13.55	57.03	-	-	P	H
		18000	47.12	-6.88	54	42.1	48.5	13.55	57.03	-	-	A	H
		4874	42.37	-31.63	74	61.33	31.45	6.82	57.23	-	-	P	V
		7311	49.23	-24.77	74	61.04	37.08	8.44	57.33	352	153	P	V
		7311	37.56	-16.44	54	49.37	37.08	8.44	57.33	352	153	A	V
		11670	48.54	-25.46	74	54.61	39.65	10.35	56.07	-	-	P	V
		11670	38.16	-15.84	54	44.23	39.65	10.35	56.07	-	-	A	V
		14490	49.86	-24.14	74	53.04	41.86	11.77	56.81	-	-	P	V
		14490	40.69	-13.31	54	43.87	41.86	11.77	56.81	-	-	A	V
		17970	56.83	-17.17	74	52.65	47.69	13.52	57.03	-	-	P	V
		17970	46.65	-7.35	54	42.47	47.69	13.52	57.03	-	-	A	V



WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11g CH 11 2462MHz		4924	43.15	-30.85	74	61.92	31.54	6.85	57.16	-	-	P	H
		7386	45.05	-28.95	74	56.87	37.07	8.55	57.44	-	-	P	H
		10860	48.45	-25.55	74	54.06	40.82	9.98	56.41	-	-	P	H
		10860	38.59	-15.41	54	44.2	40.82	9.98	56.41	-	-	A	H
		14475	49.52	-24.48	74	52.8	41.8	11.76	56.84	-	-	P	H
		14475	41.08	-12.92	54	44.36	41.8	11.76	56.84	-	-	A	H
		17985	56.03	-17.97	74	51.42	48.1	13.54	57.03	-	-	P	H
		17985	47.35	-6.65	54	42.74	48.1	13.54	57.03	-	-	A	H
		4924	42.62	-31.38	74	61.39	31.54	6.85	57.16	-	-	P	V
		7386	44.8	-29.2	74	56.62	37.07	8.55	57.44	-	-	P	V
		10845	49.05	-24.95	74	54.7	40.79	9.97	56.41	-	-	P	V
		10845	38.77	-15.23	54	44.42	40.79	9.97	56.41	-	-	A	V
		14475	49.72	-24.28	74	53	41.8	11.76	56.84	-	-	P	V
		14475	40.62	-13.38	54	43.9	41.8	11.76	56.84	-	-	A	V
		18000	57.23	-16.77	74	52.21	48.5	13.55	57.03	-	-	P	V
		18000	47.58	-6.42	54	42.56	48.5	13.55	57.03	-	-	A	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. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11g CH 12 2467MHz		4934	42.66	-31.34	74	61.35	31.6	6.85	57.14	-	-	P	H
		7401	44.91	-29.09	74	56.7	37.1	8.57	57.46	-	-	P	H
		10710	48.67	-25.33	74	54.65	40.52	9.9	56.4	-	-	P	H
		10710	38.24	-15.76	54	44.22	40.52	9.9	56.4	-	-	A	H
		14475	50.28	-23.72	74	53.56	41.8	11.76	56.84	-	-	P	H
		14475	41.1	-12.9	54	44.38	41.8	11.76	56.84	-	-	A	H
		17985	56.11	-17.89	74	51.5	48.1	13.54	57.03	-	-	P	H
		17985	47.46	-6.54	54	42.85	48.1	13.54	57.03	-	-	A	H
		4934	41.89	-32.11	74	60.58	31.6	6.85	57.14	-	-	P	V
		7401	44.49	-29.51	74	56.28	37.1	8.57	57.46	-	-	P	V
		10680	48.75	-25.25	74	54.83	40.44	9.88	56.4	-	-	P	V
		10680	37.91	-16.09	54	43.99	40.44	9.88	56.4	-	-	A	V
		14490	49.65	-24.35	74	52.83	41.86	11.77	56.81	-	-	P	V
		14490	40.89	-13.11	54	44.07	41.86	11.77	56.81	-	-	A	V
		18000	56.32	-17.68	74	51.3	48.5	13.55	57.03	-	-	P	V
		18000	47.82	-6.18	54	42.8	48.5	13.55	57.03	-	-	A	V



WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11g CH 13 2472MHz		4944	40.59	-33.41	74	59.2	31.66	6.86	57.13	-	-	P	H
		7416	45.08	-28.92	74	56.93	37.07	8.56	57.48	-	-	P	H
		10695	49.02	-24.98	74	55.04	40.49	9.89	56.4	-	-	P	H
		10695	38.19	-15.81	54	44.21	40.49	9.89	56.4	-	-	A	H
		14490	49.98	-24.02	74	53.16	41.86	11.77	56.81	-	-	P	H
		14490	40.56	-13.44	54	43.74	41.86	11.77	56.81	-	-	A	H
		17985	56.32	-17.68	74	51.71	48.1	13.54	57.03	-	-	P	H
		17985	47.45	-6.55	54	42.84	48.1	13.54	57.03	-	-	A	H
		4944	40.68	-33.32	74	59.29	31.66	6.86	57.13	-	-	P	V
		7416	45.2	-28.8	74	57.05	37.07	8.56	57.48	-	-	P	V
		10890	49.49	-24.51	74	55.03	40.88	9.99	56.41	-	-	P	V
		10890	38.64	-15.36	54	44.18	40.88	9.99	56.41	-	-	A	V
		14490	50.7	-23.3	74	53.88	41.86	11.77	56.81	-	-	P	V
		14490	40.07	-13.93	54	43.25	41.86	11.77	56.81	-	-	A	V
		17970	56.57	-17.43	74	52.39	47.69	13.52	57.03	-	-	P	V
		17970	46.03	-7.97	54	41.85	47.69	13.52	57.03	-	-	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. 4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												

**Emission above 18GHz****2.4GHz WIFI 802.11n HT20 (SHF)**

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
2.4GHz 802.11n HT20 SHF		22736	38.8	-35.2	74	57.17	38.49	-3.46	53.4	-	-	P	H
		19176	38.56	-35.44	74	57.43	38.07	-2.78	54.16	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												



Emission below 1GHz

2.4GHz WIFI 802.11n HT20 (LF)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
2.4GHz 802.11n HT20 LF		30	21.93	-18.07	40	29.02	24.53	0.72	32.34	-	-	P	H
		127.97	18.92	-24.58	43.5	32.66	17.42	1.14	32.3	-	-	P	H
		231.76	25.07	-20.93	46	39.6	16.29	1.43	32.25	-	-	P	H
		557.68	27.39	-18.61	46	31.44	26.07	2.12	32.24	-	-	P	H
		771.08	29.65	-16.35	46	31.3	28.09	2.36	32.1	-	-	P	H
		897.18	34.2	-11.8	46	34.19	29.01	2.54	31.54	-	-	P	H
		31.94	22.62	-17.38	40	30.5	23.75	0.73	32.36	-	-	P	V
		112.45	23.08	-20.42	43.5	37.3	17	1.1	32.32	-	-	P	V
		234.67	23.17	-22.83	46	37.37	16.61	1.44	32.25	-	-	P	V
		487.84	24.91	-21.09	46	31.11	23.91	2.04	32.15	-	-	P	V
		560.59	26.36	-19.64	46	30.3	26.19	2.12	32.25	-	-	P	V
		902.03	34.59	-11.41	46	34.43	29.13	2.54	31.51	-	-	P	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.	
1		(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 :	Rain Lee, Jacky Hong	Temperature :	20~25°C
		Relative Humidity :	50~60%

Note symbol

-L	Low channel location
-R	High channel location



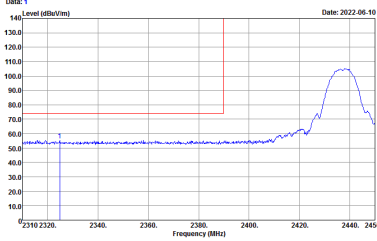
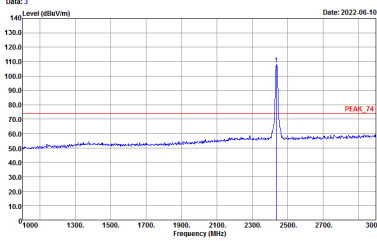
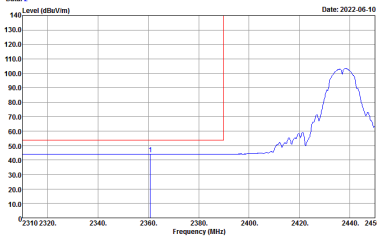
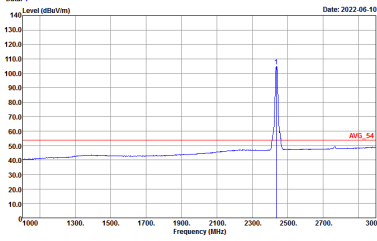
2.4GHz 2400~2483.5MHz
WIFI 802.11b (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH01 2412MHz	
1	Horizontal	Fundamental
Peak	Data: 1 Level (dBuV/m) Site : 03CH13-IHY Condition : PEAK_BE_74 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Data: 3 Level (dBuV/m) Site : 03CH13-IHY Condition : PEAK_74 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Data: 2 Level (dBuV/m) Site : 03CH13-IHY Condition : AVG_BE_54 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Data: 4 Level (dBuV/m) Site : 03CH13-IHY Condition : AVG_54 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH01 2412MHz	
1	Vertical	Fundamental
Peak	Data: 5 Level (dBuV/m) Date: 2022-06-07 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Data: 7 Level (dBuV/m) Date: 2022-06-07 Site : 03CH13-HY Condition : PEAK_74 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Data: 6 Level (dBuV/m) Date: 2022-06-07 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Data: 8 Level (dBuV/m) Date: 2022-06-07 Site : 03CH13-HY Condition : AVG_54 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

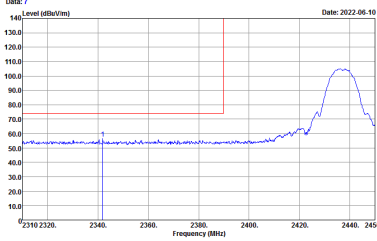
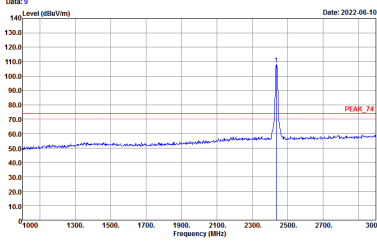
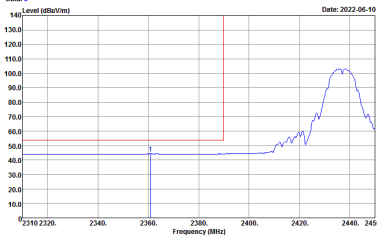
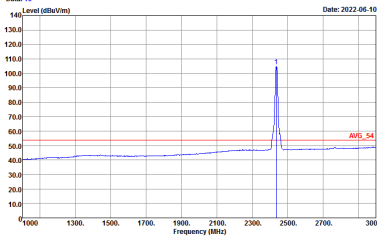


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - L	
1	Horizontal	Fundamental
Peak	Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_91200_1241 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto 	Site : 03CH13-HY Condition : PEAK_74 3m HORN_91200_1241 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto 
Avg.	Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_91200_1241 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto 	Site : 03CH13-HY Condition : AVG_54 3m HORN_91200_1241 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto 

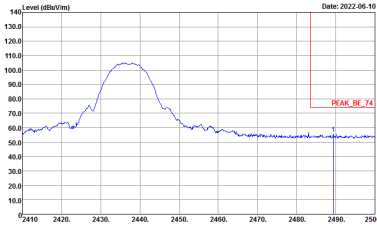
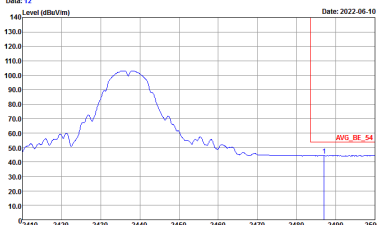


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
1	Horizontal	Fundamental
Peak	Graph 5: Peak Level (dBm/100kHz) vs Frequency (MHz). The graph shows a peak at approximately 2437 MHz. The Y-axis ranges from 10.0 to 140.0 dBm/100kHz, and the X-axis ranges from 2410 to 2500 MHz. A red line indicates the peak level at 100.0 dBm/100kHz. Site : 03CH13-HV Condition : PEAK_BE_74 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	Graph 6: Average Level (dBm/100kHz) vs Frequency (MHz). The graph shows a peak at approximately 2437 MHz. The Y-axis ranges from 10.0 to 140.0 dBm/100kHz, and the X-axis ranges from 2410 to 2500 MHz. A red line indicates the average level at 100.0 dBm/100kHz. Site : 03CH13-HV Condition : AVG_BE_54 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank

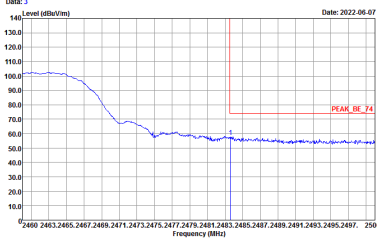
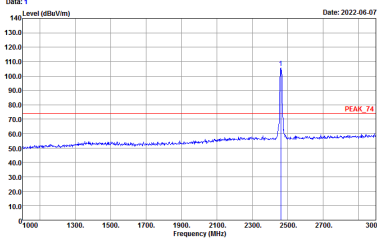
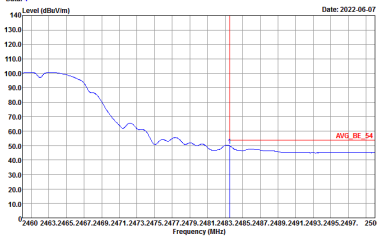
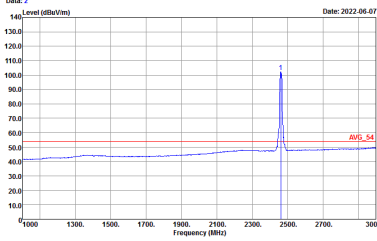


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - L	
1	Vertical	Fundamental
Peak	Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_91200_1241 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto 	Site : 03CH13-HY Condition : PEAK_74 3m HORN_91200_1241 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto 
Avg.	Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_91200_1241 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto 	Site : 03CH13-HY Condition : AVG_54 3m HORN_91200_1241 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto 



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
1	Vertical	Fundamental
Peak	Data: 11 Level (dBuV/m) Date: 2022-06-10  Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	Data: 12 Level (dBuV/m) Date: 2022-06-10  Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH11 2462MHz	
1	Horizontal	Fundamental
Peak	Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_91200_1241 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto 	Site : 03CH13-HY Condition : PEAK_74 3m HORN_91200_1241 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto 
Avg.	Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_91200_1241 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto 	Site : 03CH13-HY Condition : AVG_54 3m HORN_91200_1241 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto 



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH11 2462MHz	
1	Vertical	Fundamental
Peak	Date: 7 Level (dBuV/m) Frequency (MHz) Site Condition : 03CH13-HY : PEAK_BE_74 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Date: 5 Level (dBuV/m) Frequency (MHz) Site Condition : 03CH13-HY : PEAK_74 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Date: 8 Level (dBuV/m) Frequency (MHz) Site Condition : 03CH13-HY : AVG_BE_54 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Date: 6 Level (dBuV/m) Frequency (MHz) Site Condition : 03CH13-HY : AVG_54 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

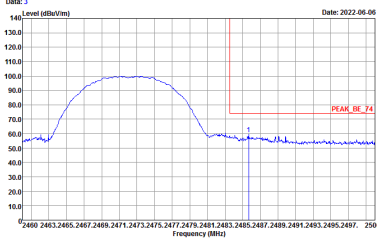
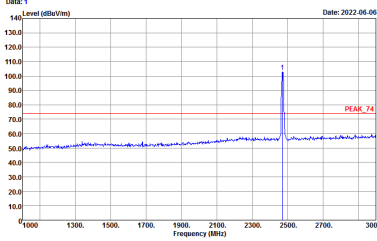
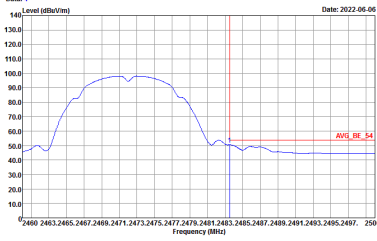
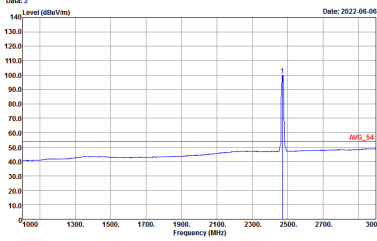


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH12 2467MHz	
1	Horizontal	Fundamental
Peak	Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH13-HY Condition : PEAK_74 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Site : 03CH13-HY Condition : AVG_54 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

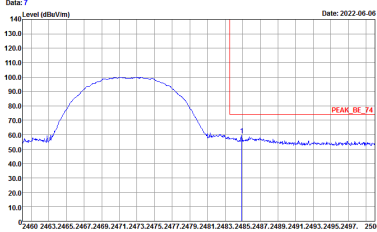
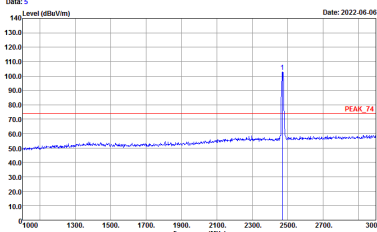
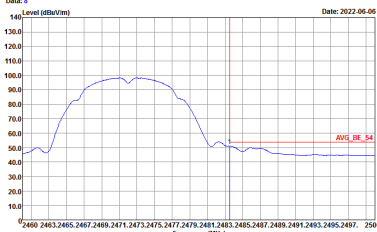
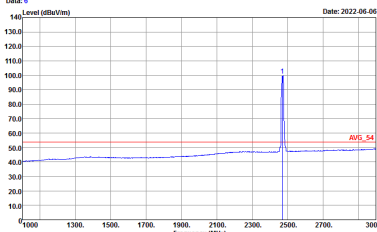


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH12 2467MHz	
1	Vertical	Fundamental
Peak	Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH13-HY Condition : PEAK_74 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Site : 03CH13-HY Condition : AVG_54 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH13 2472MHz	
1	Horizontal	Fundamental
Peak	Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_91200_1241 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto 	Site : 03CH13-HY Condition : PEAK_74 3m HORN_91200_1241 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto 
Avg.	Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_91200_1241 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto 	Site : 03CH13-HY Condition : AVG_54 3m HORN_91200_1241 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto 



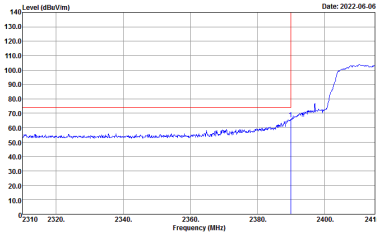
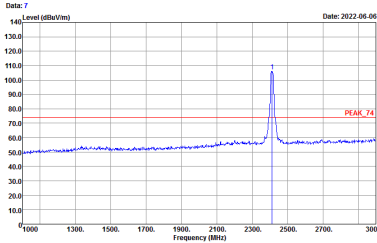
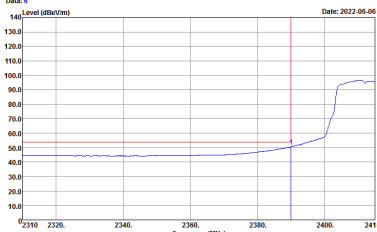
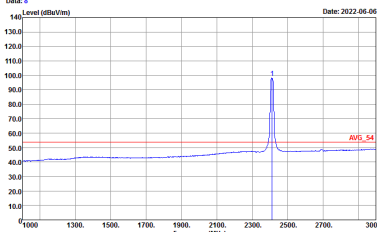
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH13 2472MHz	
1	Vertical	Fundamental
Peak	Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto 	Site : 03CH13-HY Condition : PEAK_74 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto 
Avg.	Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto 	Site : 03CH13-HY Condition : AVG_54 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto 



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

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH01 2412MHz	
1	Horizontal	Fundamental
Peak	Data: 1 Site : 03CH13-1HY Condition : PEAK_BE_74 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Data: 3 Site : 03CH13-1HY Condition : PEAK_74 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Data: 2 Site : 03CH13-1HY Condition : AVG_BE_54 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Data: 4 Site : 03CH13-1HY Condition : AVG_54 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH01 2412MHz	
1	Vertical	Fundamental
Peak	Data: 5 Level (dBuV/m) Date: 2022-06-06  Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Data: 7 Level (dBuV/m) Date: 2022-06-06  Site : 03CH13-HY Condition : PEAK_74 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Data: 6 Level (dBuV/m) Date: 2022-06-06  Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Data: 8 Level (dBuV/m) Date: 2022-06-06  Site : 03CH13-HY Condition : AVG_54 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto