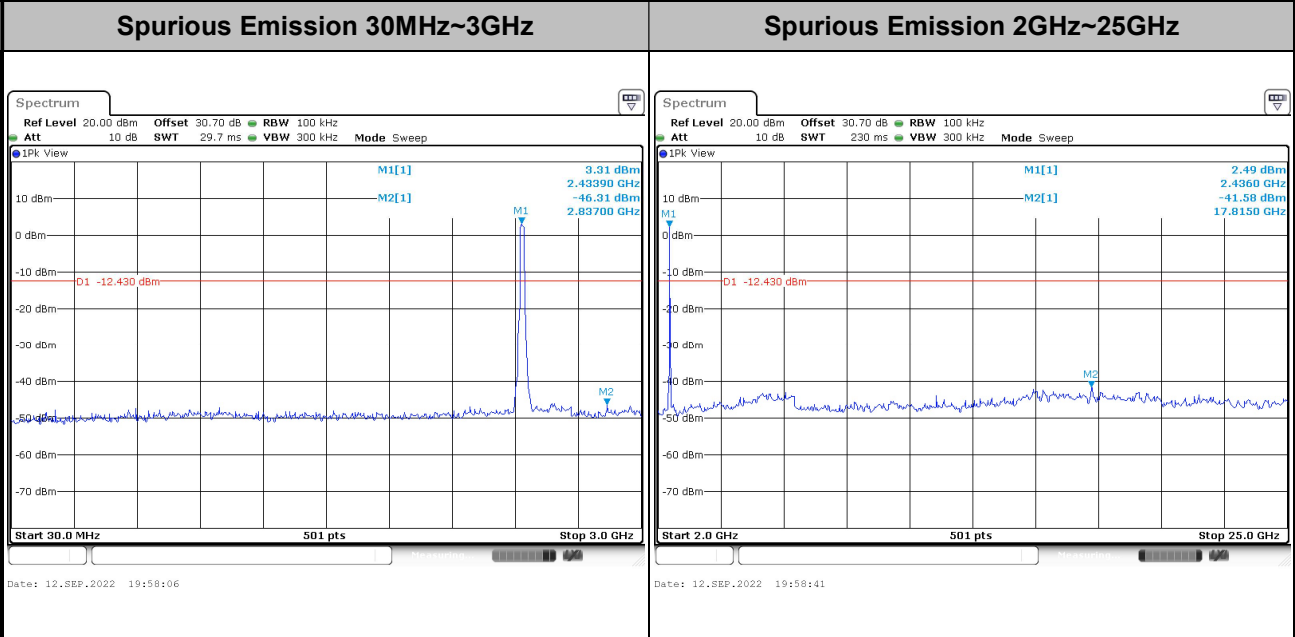
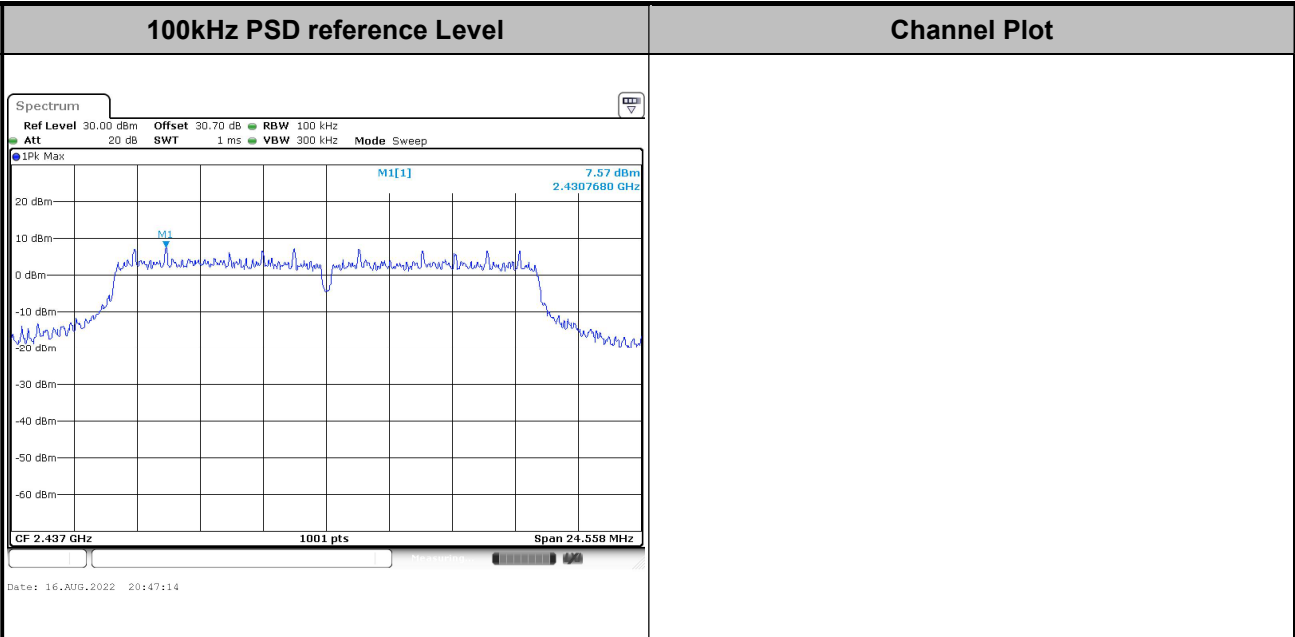


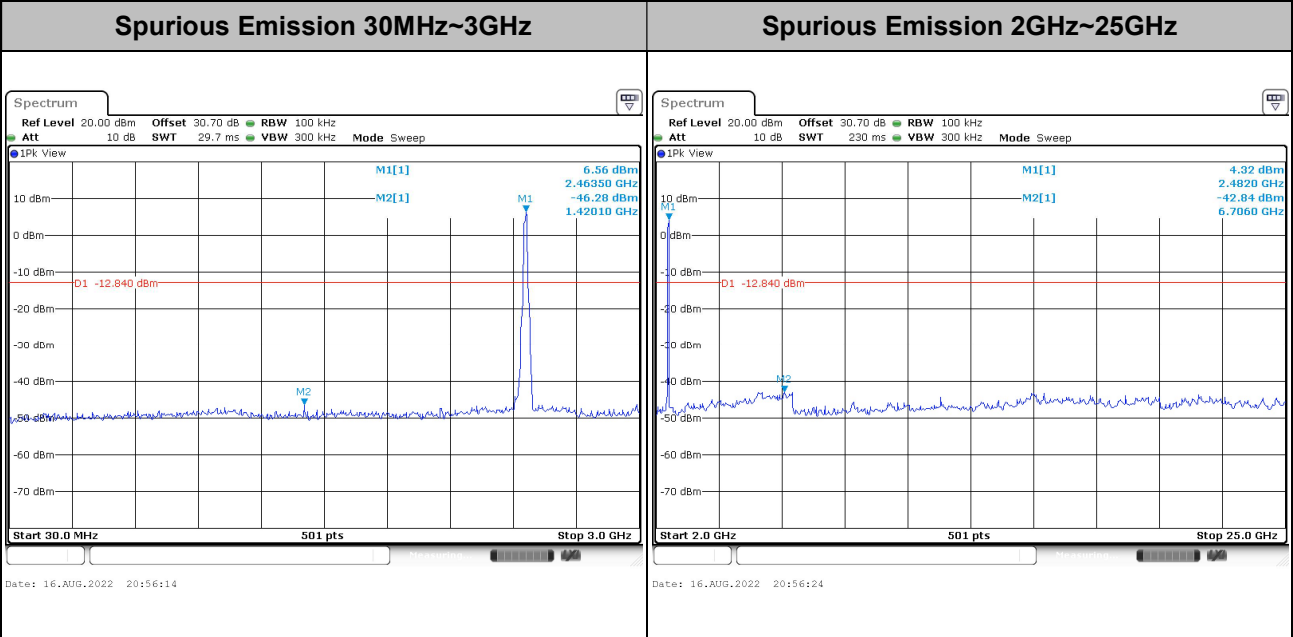
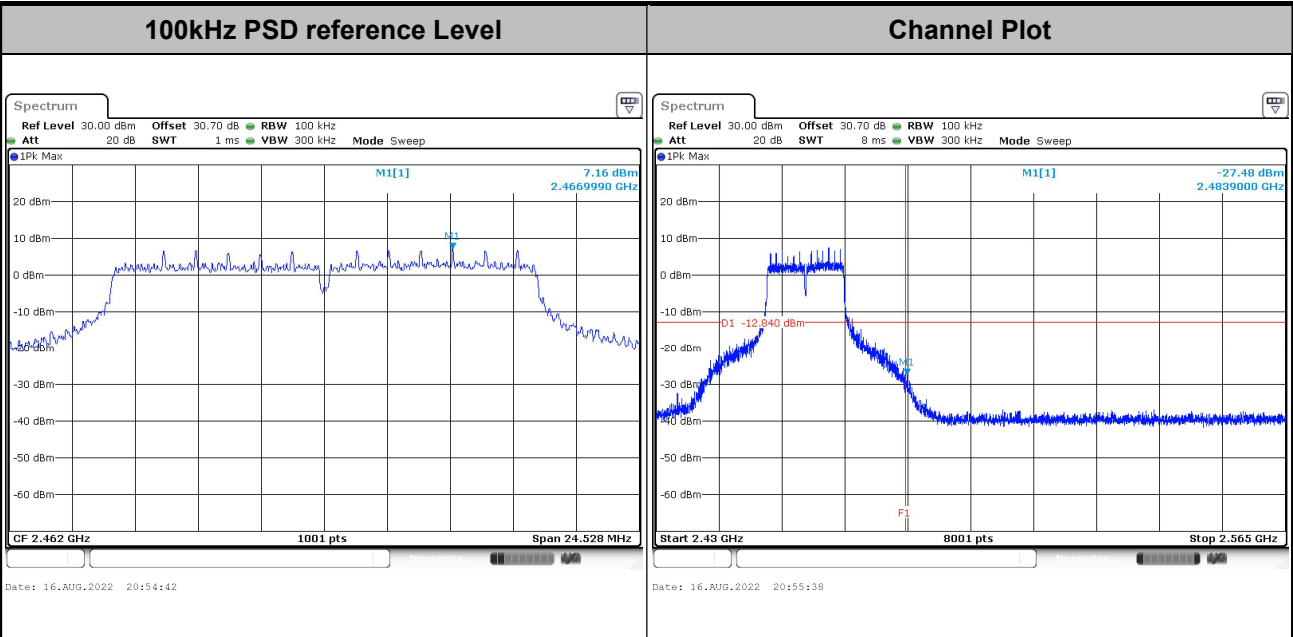


Test Mode :	802.11g	Test Channel :	06
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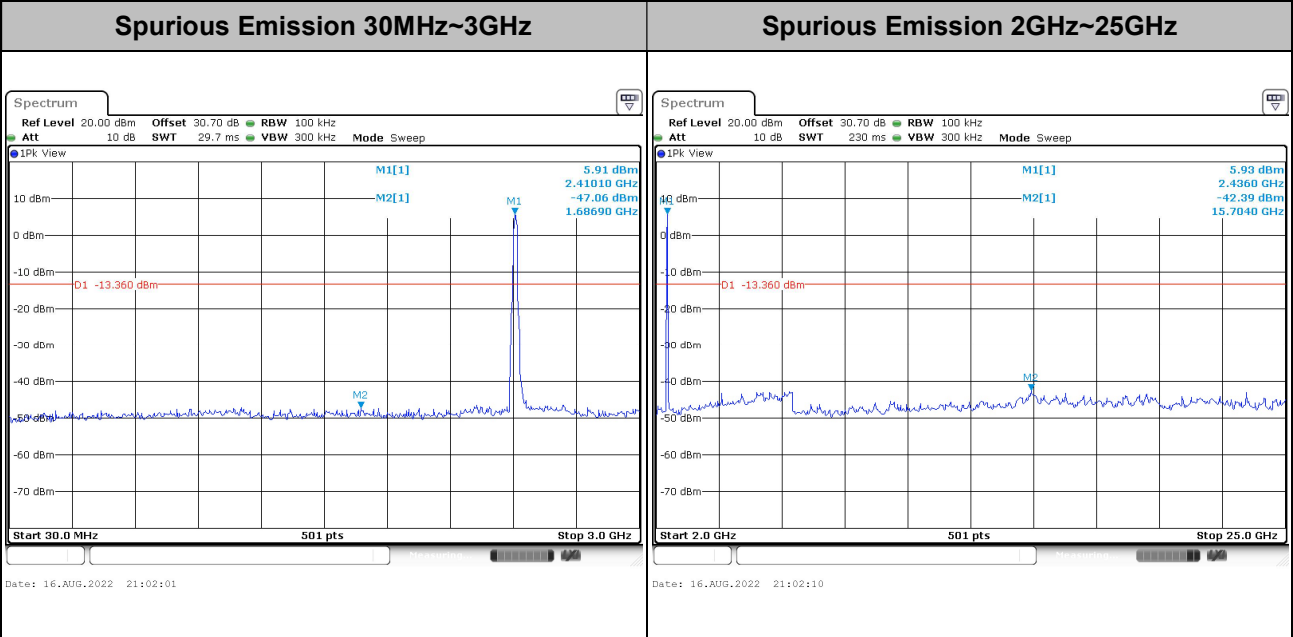
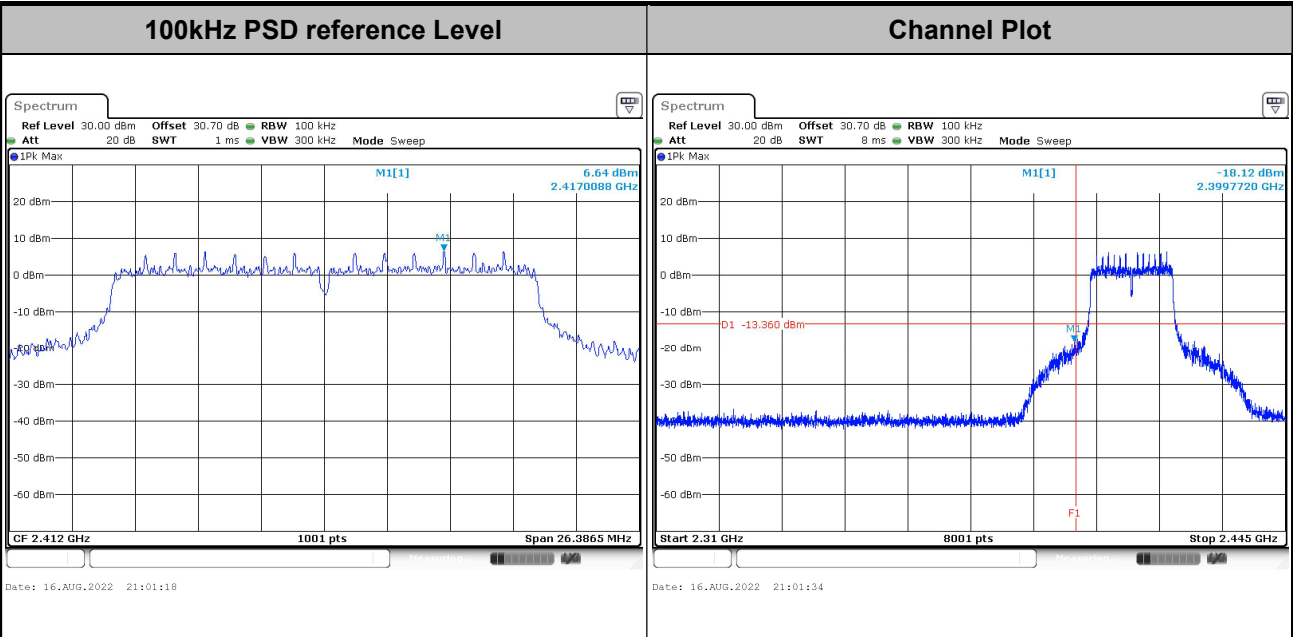


Test Mode : 802.11g Test Channel : 11



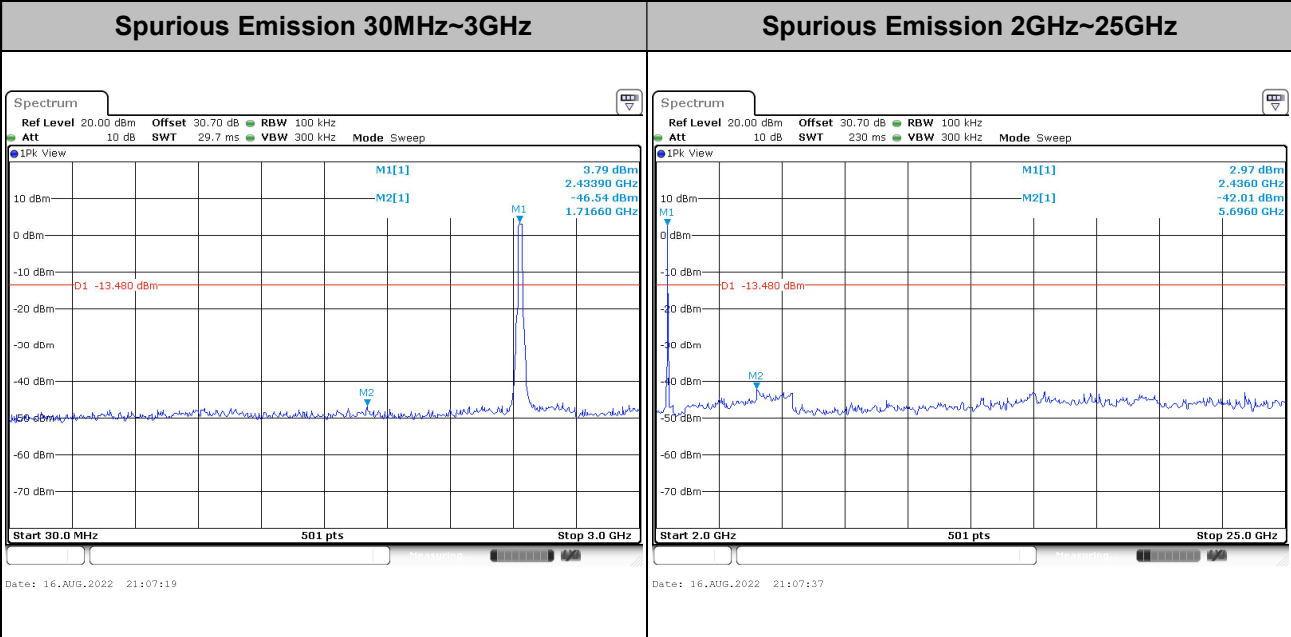
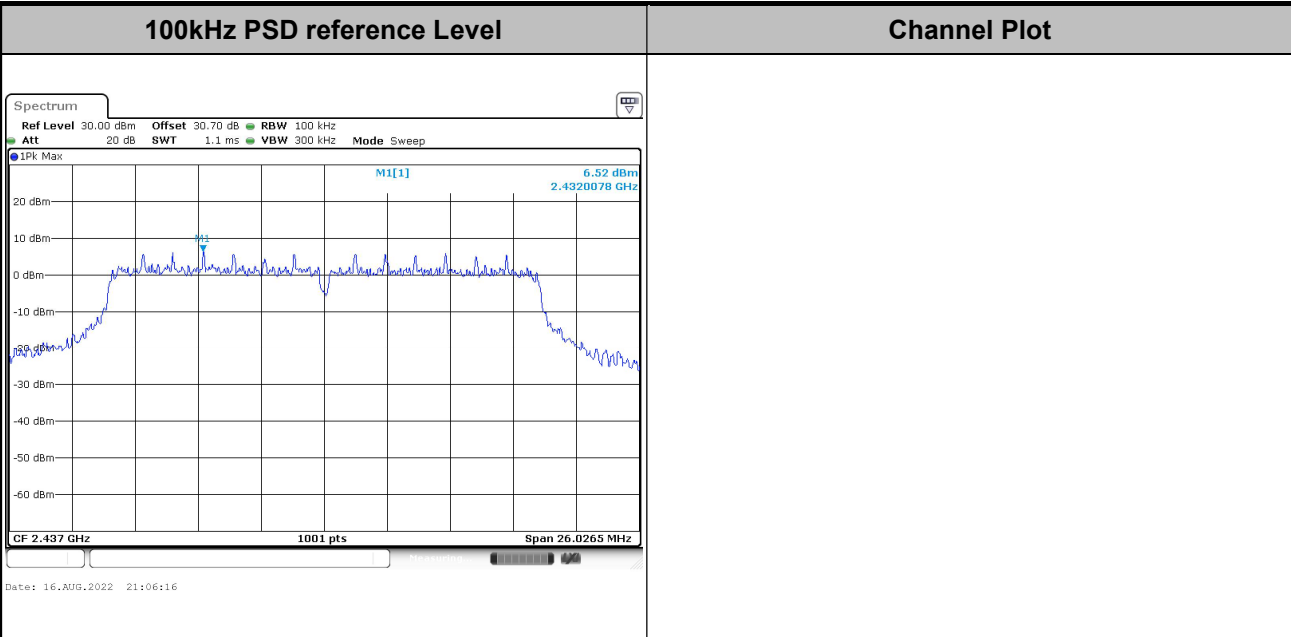


Test Mode : 802.11ac VHT20 Test Channel : 01



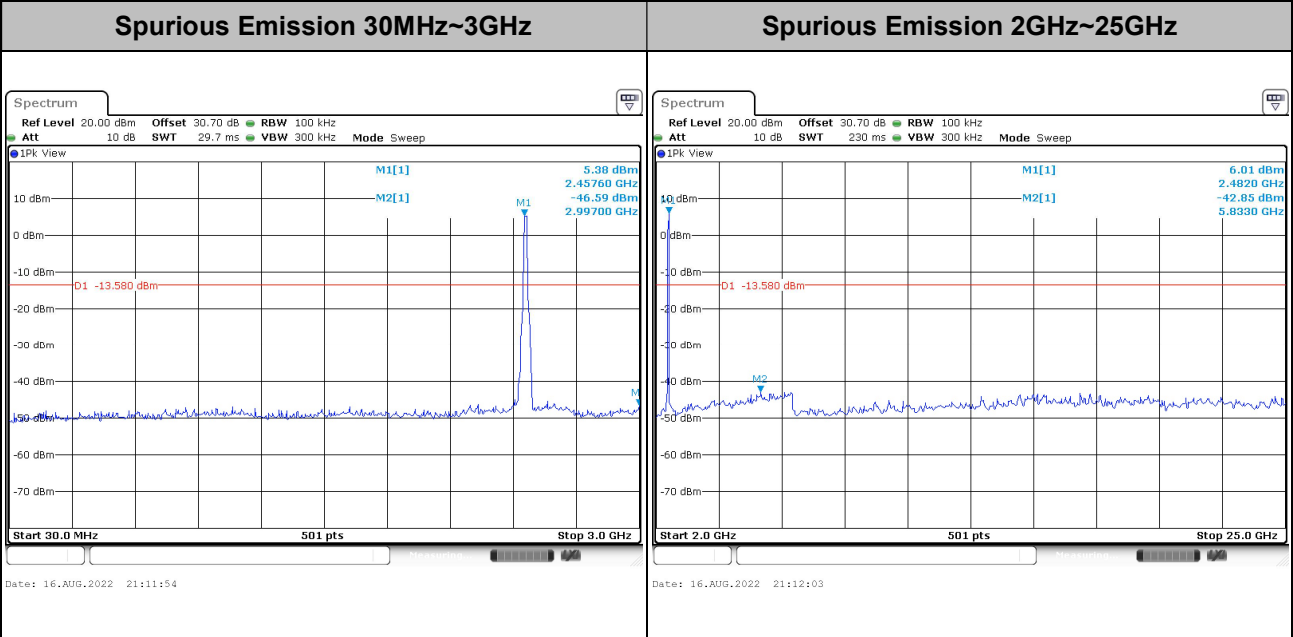
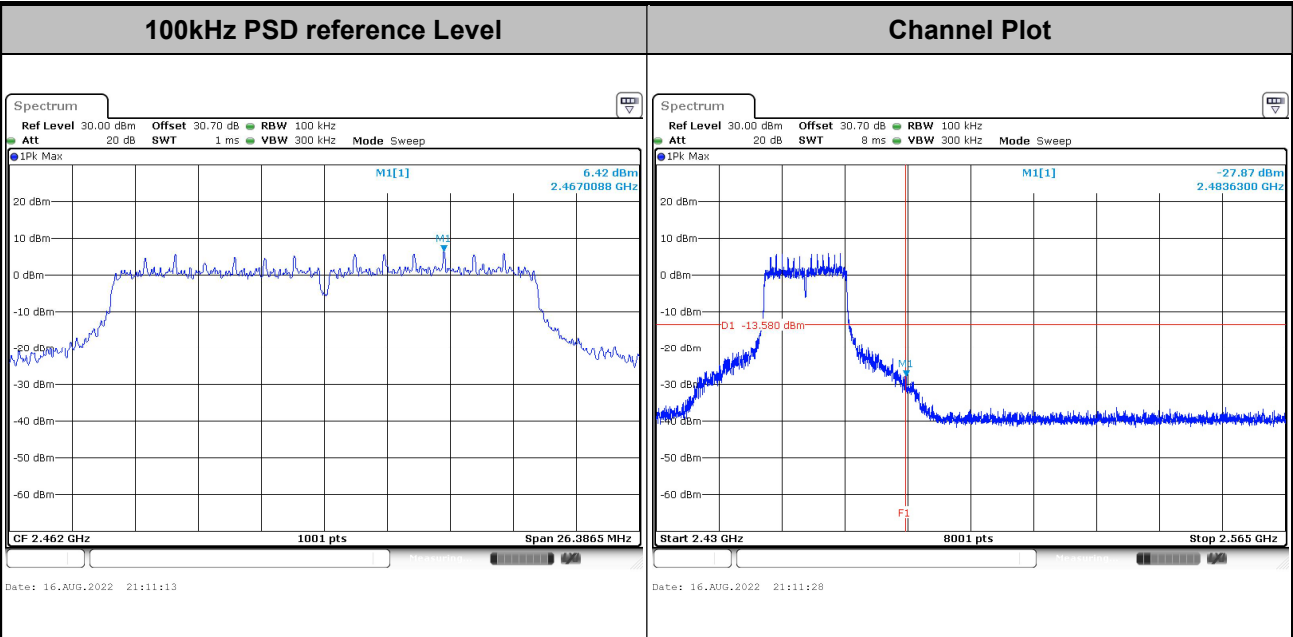


Test Mode :	802.11ac VHT20	Test Channel :	06
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Test Mode : 802.11ac VHT20      Test Channel : 11





### 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.

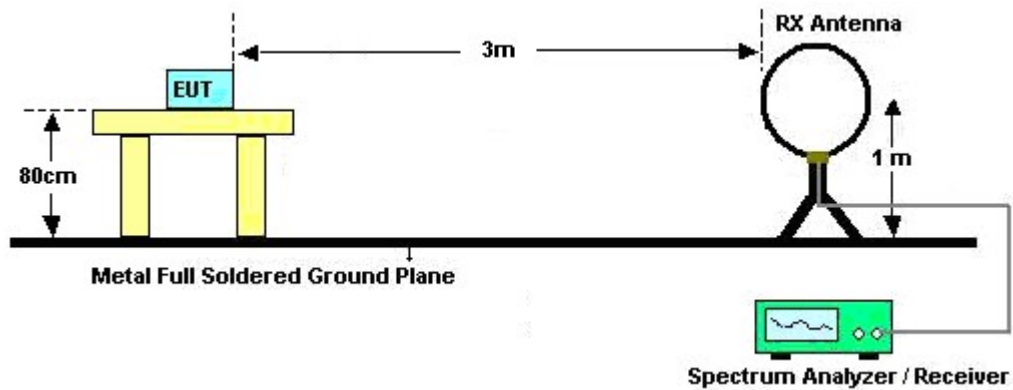
#### 3.5.3 Test Procedures

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 “-“.

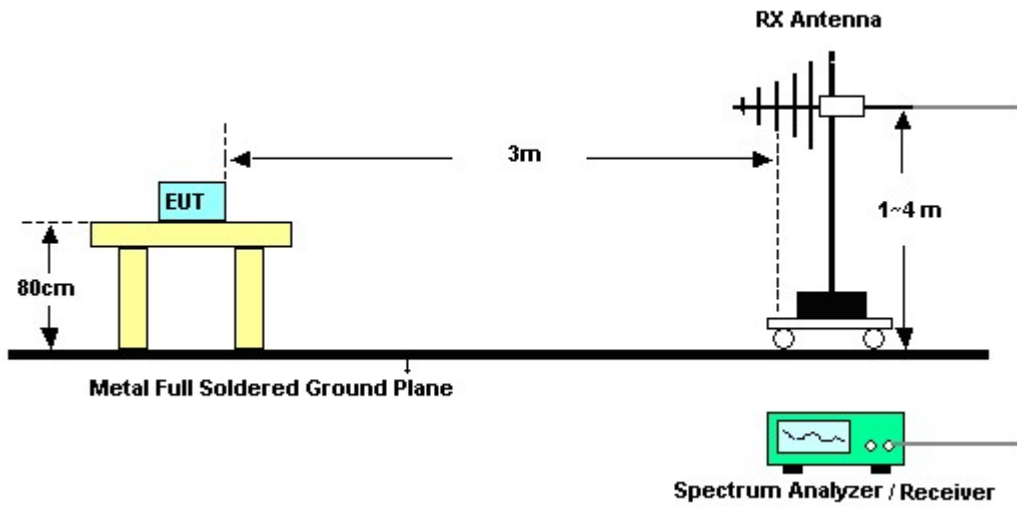
7. Radiated testing above 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading for scanning all frequencies. When there is no suspected emission found and the harmonic emission level is with 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

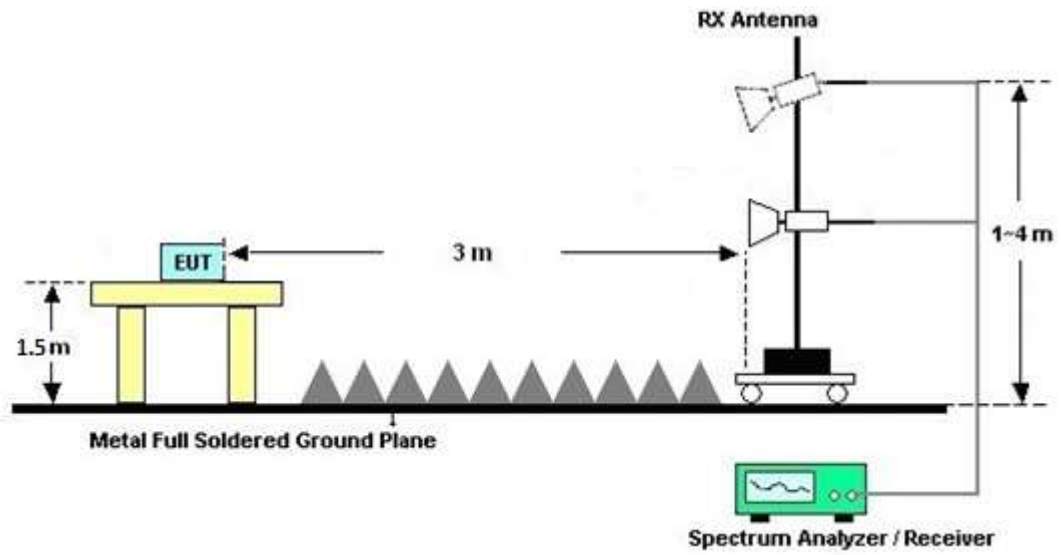
For radiated test below 30MHz



For radiated test from 30MHz to 1GHz

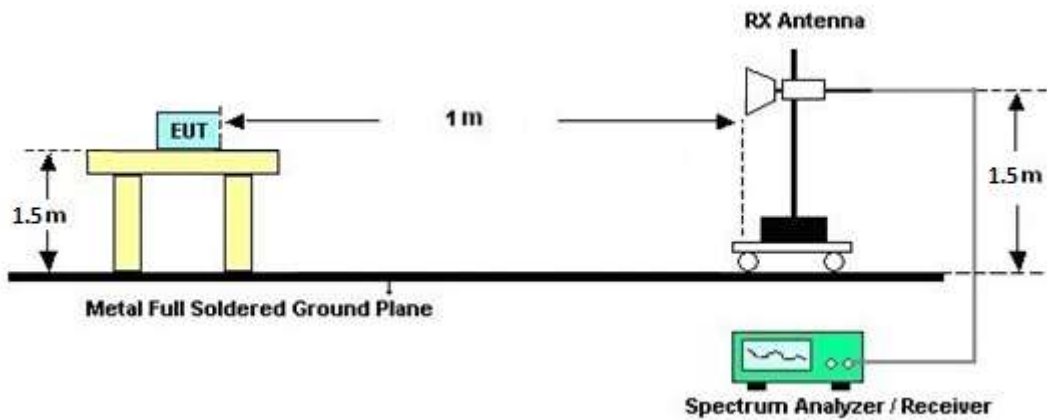


For radiated test from 1GHz to 18GHz





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 ~ 10<sup>th</sup> 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 (dBµV)	
	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.

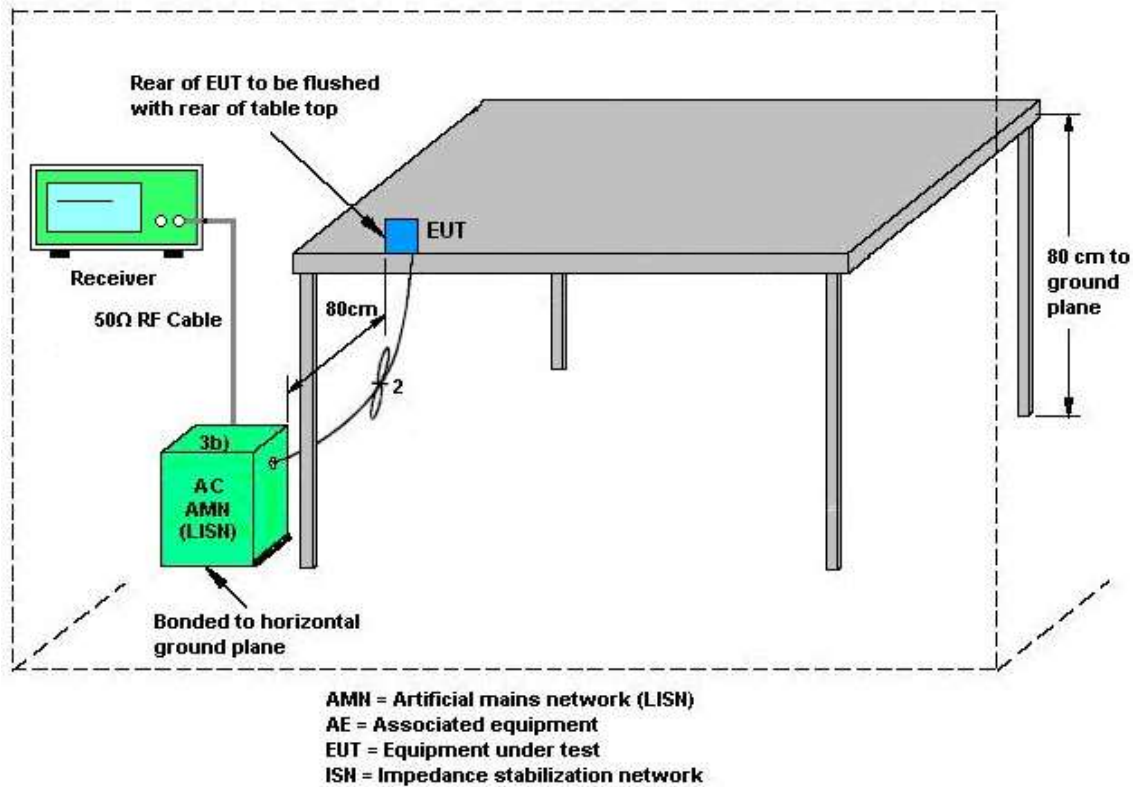
#### 3.6.2 Measuring Instruments

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**

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.



## 4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Hygrometer	TECEPEL	DTM-303A	TP201996	N/A	Nov. 16, 2021	Aug. 16, 2022~ Sep. 12, 2022	Nov. 15, 2022	Conducted (TH05-HY)
Power Sensor	DARE	RPR3006W	15I00041SNO 10 (NO:248)	10MHz~6GHz	Dec. 29, 2021	Aug. 16, 2022~ Sep. 12, 2022	Dec. 28, 2022	Conducted (TH05-HY)
Power Meter	Anritsu	ML2495A	932001	N/A	Sep. 30, 2021	Aug. 16, 2022~ Sep. 12, 2022	Sep. 29, 2022	Conducted (TH05-HY)
Power Sensor	Anritsu	MA2411B	846202	300MHz~40GHz	Sep. 30, 2021	Aug. 16, 2022~ Sep. 12, 2022	Sep. 29, 2022	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101566	10Hz~40GHz	Aug. 30, 2021	Aug. 16, 2022~ Aug. 28, 2022	Aug. 29, 2022	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101905	10Hz - 40GHz(amp)	Aug. 03, 2022	Aug. 29, 2022~ Sep. 12, 2022	Aug. 02, 2023	Conducted (TH05-HY)
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Aug. 24, 2022	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	9kHz~3.6GHz	Dec. 01, 2021	Aug. 24, 2022	Nov. 30, 2022	Conduction (CO05-HY)
Hygrometer	Testo	608-H1	34913912	N/A	Nov. 17, 2021	Aug. 24, 2022	Nov. 16, 2022	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100080	9kHz~30MHz	Dec. 03, 2021	Aug. 24, 2022	Dec. 02, 2022	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32	N/A	N/A	N/A	Aug. 24, 2022	N/A	Conduction (CO05-HY)
Pulse Limiter	SCHWARZBECK	VTSD 9561-F N	00691	N/A	Aug. 01, 2022	Aug. 24, 2022	Jul. 31, 2023	Conduction (CO05-HY)
LISN Cable	MVE	RG-400	260260	N/A	Dec. 30, 2021	Aug. 24, 2022	Dec. 29, 2022	Conduction (CO05-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Sep. 09, 2021	Sep. 03, 2022~ Sep. 05, 2022	Sep. 08, 2022	Radiation (03CH15-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N-06	41912 & 05	30MHz~1GHz	Feb. 06, 2022	Sep. 03, 2022~ Sep. 05, 2022	Feb. 05, 2023	Radiation (03CH15-HY)
Amplifier	SONOMA	310N	363440	9kHz~1GHz	Dec. 27, 2021	Sep. 03, 2022~ Sep. 05, 2022	Dec. 26, 2022	Radiation (03CH15-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-02294	1GHz~18GHz	Jun. 23, 2022	Sep. 03, 2022~ Sep. 05, 2022	Jun. 22, 2023	Radiation (03CH15-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	00993	18GHz~40GHz	Nov. 30, 2021	Sep. 03, 2022~ Sep. 05, 2022	Nov. 29, 2022	Radiation (03CH15-HY)
Amplifier	EMEC	EM1G18G	060837	1GHz~18GHz	Sep. 01, 2022	Sep. 03, 2022~ Sep. 05, 2022	Aug. 31, 2023	Radiation (03CH15-HY)
Preamplifier	EM Electronics	EM01G18G	060803	1GHz-18GHz	Dec. 16, 2021	Sep. 03, 2022~ Sep. 05, 2022	Dec. 15, 2022	Radiation (03CH15-HY)
Preamplifier	EMEC	EM18G40G	060802	18-40GHz	Mar. 08, 2022	Sep. 03, 2022~ Sep. 05, 2022	Mar. 07, 2023	Radiation (03CH15-HY)
EMI Test Receiver	Keysight	N9038A(MXE)	MY54130085	20MHz~8.4GHz	Oct. 21, 2021	Sep. 03, 2022~ Sep. 05, 2022	Oct. 20, 2022	Radiation (03CH15-HY)
Spectrum Analyzer	Keysight	N9010	MY54200485	10Hz~44GHz	May 07, 2022	Sep. 03, 2022~ Sep. 05, 2022	May 06, 2023	Radiation (03CH15-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Sep. 03, 2022~ Sep. 05, 2022	N/A	Radiation (03CH15-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Sep. 03, 2022~ Sep. 05, 2022	N/A	Radiation (03CH15-HY)
Software	Audix	E3 6.2009-8-24(k5)	RK-000451	N/A	N/A	Sep. 03, 2022~ Sep. 05, 2022	N/A	Radiation (03CH15-HY)



Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
RF Cable	HUBER + SUHNER	SUCOFLEX 104, 102E	MY36980/4, MY9838/4PE, 508405/2E	30MHz~18G	Nov. 15, 2021	Sep. 03, 2022~ Sep. 05, 2022	Nov. 14, 2022	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	804011/2,804 012/2	30MHz-40GHz	Jan. 04, 2022	Sep. 03, 2022~ Sep. 05, 2022	Jan. 03, 2023	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY9837/4PE	9kHz~30MHz	Mar. 10, 2022	Sep. 03, 2022~ Sep. 05, 2022	Mar. 09, 2023	Radiation (03CH15-HY)
Filter	Wainwright	WLJ4-1000-1530-6000-40ST	SN4	1.53GHz Low Pass Filter	Jul. 08, 2022	Sep. 03, 2022~ Sep. 05, 2022	Jul. 07, 2023	Radiation (03CH15-HY)
Filter	Wainwright	WHKX12-2700-3000-18000-60ST	SN4	3GHz High Pass Filter	Jul. 08, 2022	Sep. 03, 2022~ Sep. 05, 2022	Jul. 07, 2023	Radiation (03CH15-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% ( $U = 2Uc(y)$ )	5.8 dB
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### Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ )	5.3 dB
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### Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ )	5.6 dB
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**Appendix A. Test Result of Conducted Test Items**

Test Engineer:	Shiming Liu	Temperature:	21~25	°C
Test Date:	2022/08/16~2022/09/12	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
					Ant1	Ant2	Ant1	Ant2		
11b	1Mbps	1	1	2412	13.09	-	7.14	-	0.50	Pass
11b	1Mbps	1	6	2437	12.99	-	7.60	-	0.50	Pass
11b	1Mbps	1	11	2462	12.94	-	7.14	-	0.50	Pass
11g	6Mbps	1	1	2412	21.53	-	16.37	-	0.50	Pass
11g	6Mbps	1	6	2437	21.18	-	16.37	-	0.50	Pass
11g	6Mbps	1	11	2462	20.93	-	16.35	-	0.50	Pass
VHT20	MCS0	1	1	2412	20.38	-	17.59	-	0.50	Pass
VHT20	MCS0	1	6	2437	20.18	-	17.35	-	0.50	Pass
VHT20	MCS0	1	11	2462	20.13	-	17.59	-	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
					Ant1	Ant2	SUM	Ant1	Ant2	Ant1	Ant2	Ant1	Ant2	Ant1	Ant2	
11b	1Mbps	1	1	2412	17.60	-		30.00	-	0.73	-	18.33	-	36.00	-	Pass
11b	1Mbps	1	6	2437	17.80	-		30.00	-	0.73	-	18.53	-	36.00	-	Pass
11b	1Mbps	1	11	2462	17.70	-		30.00	-	0.73	-	18.43	-	36.00	-	Pass
11g	6Mbps	1	1	2412	17.50	-		30.00	-	0.73	-	18.23	-	36.00	-	Pass
11g	6Mbps	1	6	2437	17.70	-		30.00	-	0.73	-	18.43	-	36.00	-	Pass
11g	6Mbps	1	11	2462	17.50	-		30.00	-	0.73	-	18.23	-	36.00	-	Pass
HT20	MCS0	1	1	2412	16.60	-		30.00	-	0.73	-	17.33	-	36.00	-	Pass
HT20	MCS0	1	6	2437	16.80	-		30.00	-	0.73	-	17.53	-	36.00	-	Pass
HT20	MCS0	1	11	2462	16.60	-		30.00	-	0.73	-	17.33	-	36.00	-	Pass
VHT20	MCS0	1	1	2412	16.70	-		30.00	-	0.73	-	17.43	-	36.00	-	Pass
VHT20	MCS0	1	6	2437	16.90	-		30.00	-	0.73	-	17.63	-	36.00	-	Pass
VHT20	MCS0	1	11	2462	16.70	-		30.00	-	0.73	-	17.43	-	36.00	-	Pass

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

**TEST RESULTS DATA**  
**Peak Output Power**

2.4GHz Band Single Antenna																
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	Peak Conducted Power (dBm)			Conducted Power Limit (dBm)		DG (dBi)		EIRP Power (dBm)		EIRP Power Limit (dBm)		Pass /Fail
					Ant1	Ant2	SUM	Ant1	Ant2	Ant1	Ant2	Ant1	Ant2	Ant1	Ant2	
11b	1Mbps	1	1	2412	21.06	-		30.00	-	0.73	-	21.79	-	36.00	-	Pass
11b	1Mbps	1	6	2437	21.60	-		30.00	-	0.73	-	22.33	-	36.00	-	Pass
11b	1Mbps	1	11	2462	21.30	-		30.00	-	0.73	-	22.03	-	36.00	-	Pass
11g	6Mbps	1	1	2412	23.40	-		30.00	-	0.73	-	24.13	-	36.00	-	Pass
11g	6Mbps	1	6	2437	23.57	-		30.00	-	0.73	-	24.30	-	36.00	-	Pass
11g	6Mbps	1	11	2462	23.06	-		30.00	-	0.73	-	23.79	-	36.00	-	Pass
HT20	MCS0	1	1	2412	23.30	-		30.00	-	0.73	-	24.03	-	36.00	-	Pass
HT20	MCS0	1	6	2437	23.55	-		30.00	-	0.73	-	24.28	-	36.00	-	Pass
HT20	MCS0	1	11	2462	22.97	-		30.00	-	0.73	-	23.70	-	36.00	-	Pass
VHT20	MCS0	1	1	2412	23.35	-		30.00	-	0.73	-	24.08	-	36.00	-	Pass
VHT20	MCS0	1	6	2437	23.62	-		30.00	-	0.73	-	24.35	-	36.00	-	Pass
VHT20	MCS0	1	11	2462	23.06	-		30.00	-	0.73	-	23.79	-	36.00	-	Pass

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

**TEST RESULTS DATA**  
**Peak Power Spectral Density**

2.4GHz Band Single Antenna												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Peak PSD (dBm/3kHz)			DG (dBi)		Peak PSD Limit (dBm/3kHz)		Pass/Fail
					Ant1	Ant2	Worse + 3.01	Ant1	Ant2	Ant1	Ant2	
11b	1Mbps	1	1	2412	-4.30	-		0.73	-	8.00	-	Pass
11b	1Mbps	1	6	2437	-4.52	-		0.73	-	8.00	-	Pass
11b	1Mbps	1	11	2462	-4.04	-		0.73	-	8.00	-	Pass
11g	6Mbps	1	1	2412	-7.53	-		0.73	-	8.00	-	Pass
11g	6Mbps	1	6	2437	-7.07	-		0.73	-	8.00	-	Pass
11g	6Mbps	1	11	2462	-7.06	-		0.73	-	8.00	-	Pass
VHT20	MCS0	1	1	2412	-7.75	-		0.73	-	8.00	-	Pass
VHT20	MCS0	1	6	2437	-8.16	-		0.73	-	8.00	-	Pass
VHT20	MCS0	1	11	2462	-7.87	-		0.73	-	8.00	-	Pass

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



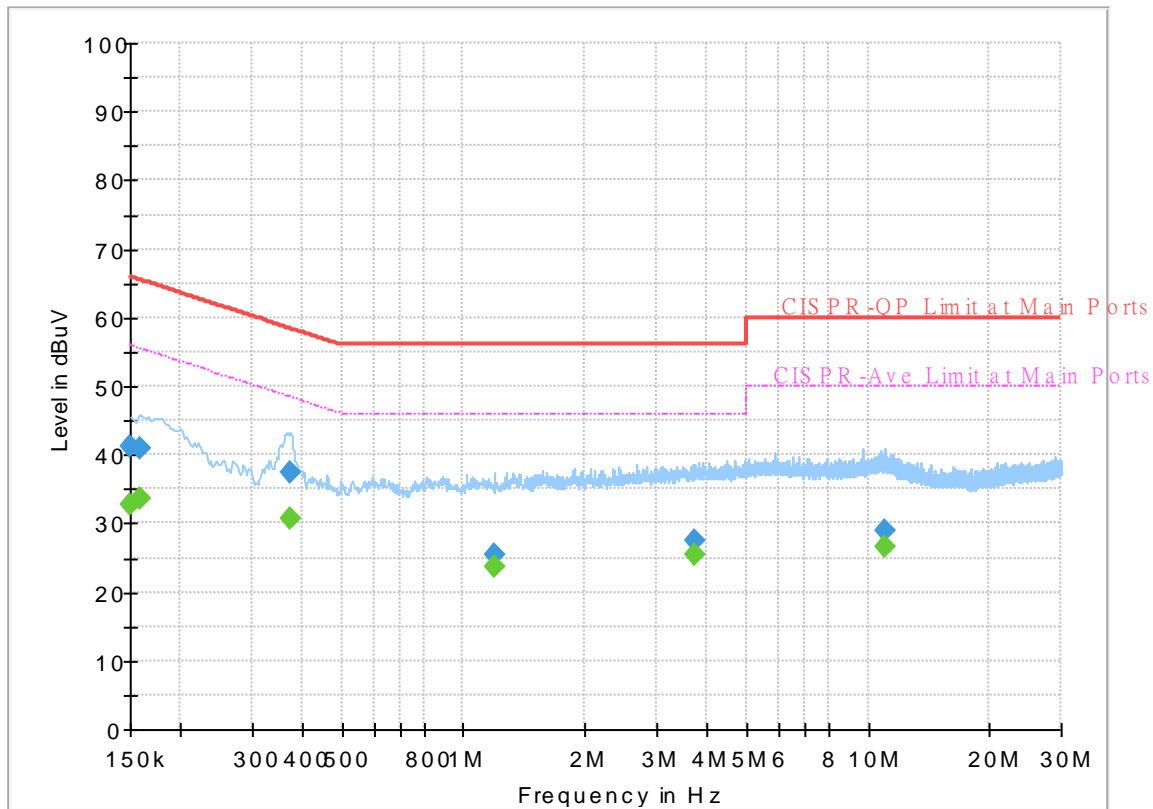
## Appendix B. AC Conducted Emission Test Results

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

# EUT Information

Report NO : 002036-03  
 Test Mode : Mode 1  
 Test Voltage : 120Vac/60Hz  
 Phase : Line

Full Spectrum



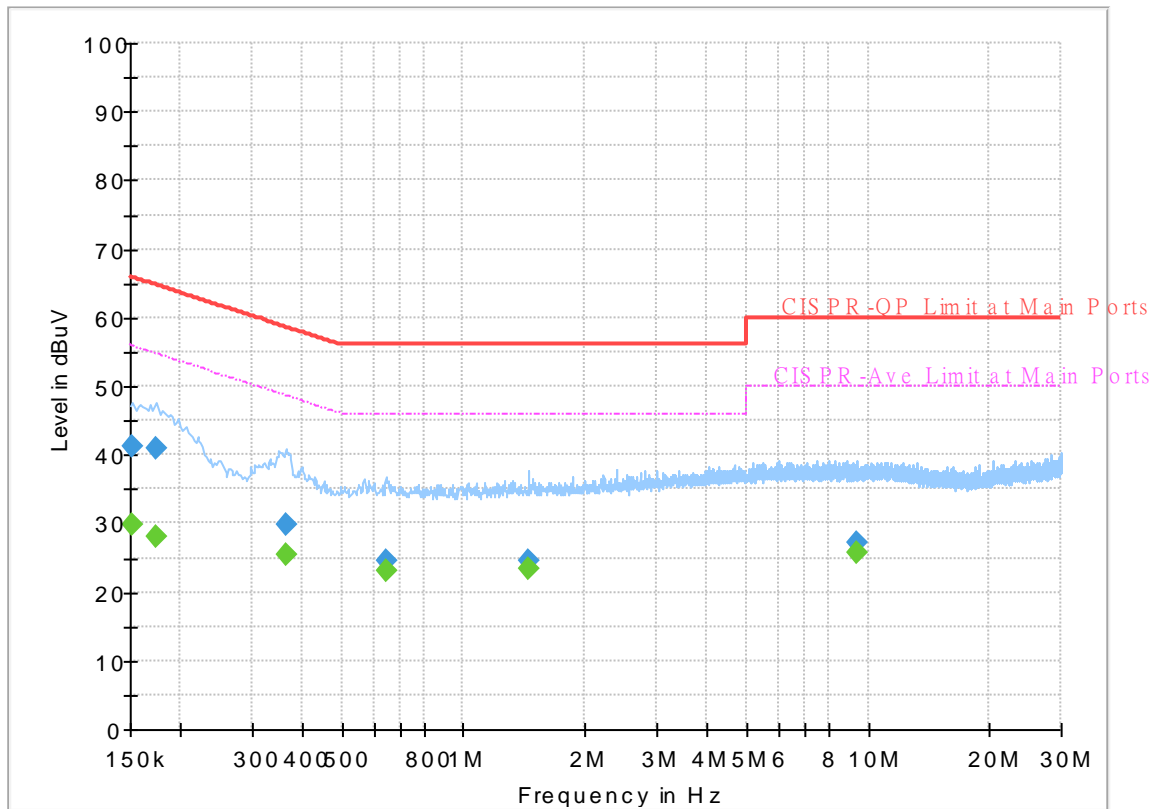
## Final\_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.150000	---	32.80	56.00	23.20	L1	OFF	19.8
0.150000	41.23	---	66.00	24.77	L1	OFF	19.8
0.159000	---	33.65	55.52	21.87	L1	OFF	19.8
0.159000	40.89	---	65.52	24.63	L1	OFF	19.8
0.375000	---	30.61	48.39	17.78	L1	OFF	19.8
0.375000	37.38	---	58.39	21.01	L1	OFF	19.8
1.194000	---	23.65	46.00	22.35	L1	OFF	19.9
1.194000	25.49	---	56.00	30.51	L1	OFF	19.9
3.729750	---	25.47	46.00	20.53	L1	OFF	20.0
3.729750	27.38	---	56.00	28.62	L1	OFF	20.0
10.963500	---	26.66	50.00	23.34	L1	OFF	20.3
10.963500	29.00	---	60.00	31.00	L1	OFF	20.3

## EUT Information

Report NO : 002036-03  
 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	---	29.87	55.88	26.01	N	OFF	19.8
0.152250	41.13	---	65.88	24.75	N	OFF	19.8
0.174750	---	28.05	54.73	26.68	N	OFF	19.8
0.174750	40.86	---	64.73	23.87	N	OFF	19.8
0.363750	---	25.31	48.64	23.33	N	OFF	19.8
0.363750	29.76	---	58.64	28.88	N	OFF	19.8
0.642750	---	23.11	46.00	22.89	N	OFF	19.8
0.642750	24.65	---	56.00	31.35	N	OFF	19.8
1.446000	---	23.25	46.00	22.75	N	OFF	19.9
1.446000	24.68	---	56.00	31.32	N	OFF	19.9
9.399750	---	25.72	50.00	24.28	N	OFF	20.2
9.399750	27.19	---	60.00	32.81	N	OFF	20.2



### Appendix C. Radiated Spurious Emission

Test Engineer :	Leo Li and Bigshow Wang	Temperature :	22.1~23.1°C
		Relative Humidity :	55~60%

**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		2329.264	50.44	-23.56	74	44.38	27	15.92	36.86	379	67	P	H	
		2389.968	40.47	-13.53	54	33.98	27.32	16.03	36.86	379	67	A	H	
	*	2412	97.54	-	-	90.86	27.47	16.07	36.86	379	67	P	H	
	*	2412	94.3	-	-	87.62	27.47	16.07	36.86	379	67	A	H	
			2385.936	50.51	-23.49	74	44.06	27.29	16.02	36.86	100	124	P	V
			2389.408	40.24	-13.76	54	33.75	27.32	16.03	36.86	100	124	A	V
	*		2412	98.76	-	-	92.08	27.47	16.07	36.86	100	124	P	V
	*		2412	95.5	-	-	88.82	27.47	16.07	36.86	100	124	A	V
802.11b CH 06 2437MHz		2387.405	50.52	-23.48	74	44.05	27.3	16.03	36.86	374	70	P	H	
		2389.186	40.12	-13.88	54	33.64	27.31	16.03	36.86	374	70	A	H	
	*	2437	98.08	-	-	91.21	27.62	16.11	36.86	374	70	P	H	
	*	2437	94.81	-	-	87.94	27.62	16.11	36.86	374	70	A	H	
			2488.977	51.59	-22.41	74	44.39	27.86	16.19	36.85	374	70	P	H
			2487.444	41.14	-12.86	54	33.95	27.85	16.19	36.85	374	70	A	H
			2364.115	52.73	-21.27	74	46.49	27.11	15.99	36.86	100	123	P	V
			2390	40.11	-13.89	54	33.62	27.32	16.03	36.86	100	123	A	V
	*		2437	98.9	-	-	92.03	27.62	16.11	36.86	100	123	P	V
	*		2437	95.68	-	-	88.81	27.62	16.11	36.86	100	123	A	V
			2484.159	52.47	-21.53	74	45.3	27.84	16.18	36.85	100	123	P	V
			2483.794	41.34	-12.66	54	34.17	27.84	16.18	36.85	100	123	A	V





<b>802.11b CH 11 2462MHz</b>	*	2462	96.78	-	-	89.73	27.75	16.15	36.85	400	72	P	H
	*	2462	93.75	-	-	86.7	27.75	16.15	36.85	400	72	A	H
		2483.728	52.51	-21.49	74	45.35	27.83	16.18	36.85	400	72	P	H
		2485.36	41.66	-12.34	54	34.49	27.84	16.18	36.85	400	72	A	H
	*	2462	98.82	-	-	91.77	27.75	16.15	36.85	100	125	P	V
	*	2462	95.77	-	-	88.72	27.75	16.15	36.85	100	125	A	V
		2485.456	52.62	-21.38	74	45.45	27.84	16.18	36.85	100	125	P	V
		2485.36	41.67	-12.33	54	34.5	27.84	16.18	36.85	100	125	A	V
<b>Remark</b>	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	40.7	-33.3	74	59.15	32.44	9.41	60.3	-	-	P	H
			4824	42.82	-31.18	74	59.52	32.44	9.41	58.55	-	-	P



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	40.21	-33.79	74	58.51	32.6	9.4	60.3	-	-	P	H	
		7311	44.16	-29.84	74	57.17	36.66	10.85	60.52	-	-	P	H	
			4874	43.14	-30.86	74	59.72	32.6	9.4	58.58	-	-	P	V
			7311	46.9	-27.1	74	57.47	36.66	10.85	58.08	-	-	P	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	40.56	-33.44	74	58.74	32.74	9.38	60.3	-	-	P	H	
		7386	43.52	-30.48	74	56.66	36.5	10.91	60.55	-	-	P	H	
	Remark	<ol style="list-style-type: none"> <li>No other spurious found.</li> <li>All results are PASS against Peak and Average limit line.</li> <li>The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.</li> </ol>												



**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		2371.936	50.58	-23.42	74	44.26	27.18	16	36.86	377	66	P	H	
		2389.744	40.72	-13.28	54	34.23	27.32	16.03	36.86	377	66	A	H	
	*	2412	96.91	-	-	90.23	27.47	16.07	36.86	377	66	P	H	
	*	2412	89.09	-	-	82.41	27.47	16.07	36.86	377	66	A	H	
			2370.704	50.65	-23.35	74	44.34	27.17	16	36.86	100	125	P	V
			2389.632	40.74	-13.26	54	34.25	27.32	16.03	36.86	100	125	A	V
	*		2412	97.88	-	-	91.2	27.47	16.07	36.86	100	125	P	V
	*		2412	90.29	-	-	83.61	27.47	16.07	36.86	100	125	A	V
802.11g CH 06 2437MHz		2386.583	51.18	-22.82	74	44.72	27.29	16.03	36.86	373	69	P	H	
		2389.46	40.65	-13.35	54	34.16	27.32	16.03	36.86	373	69	A	H	
	*	2437	97.54	-	-	90.67	27.62	16.11	36.86	373	69	P	H	
	*	2437	89.87	-	-	83	27.62	16.11	36.86	373	69	A	H	
			2486.714	52.01	-21.99	74	44.83	27.85	16.18	36.85	373	69	P	H
			2489.05	41.51	-12.49	54	34.31	27.86	16.19	36.85	373	69	A	H
			2384.391	51.2	-22.8	74	44.76	27.28	16.02	36.86	100	125	P	V
			2389.597	40.63	-13.37	54	34.14	27.32	16.03	36.86	100	125	A	V
	*		2437	98.9	-	-	92.03	27.62	16.11	36.86	100	125	P	V
	*		2437	90.83	-	-	83.96	27.62	16.11	36.86	100	125	A	V
			2484.743	51.63	-22.37	74	44.46	27.84	16.18	36.85	100	125	P	V
			2487.298	41.88	-12.12	54	34.69	27.85	16.19	36.85	100	125	A	V



<b>802.11g CH 11 2462MHz</b>	*	2462	97.08	-	-	90.03	27.75	16.15	36.85	366	72	P	H
	*	2462	89.39	-	-	82.34	27.75	16.15	36.85	366	72	A	H
		2485.6	52.9	-21.1	74	45.73	27.84	16.18	36.85	366	72	P	H
		2483.728	42.34	-11.66	54	35.18	27.83	16.18	36.85	366	72	A	H
	*	2462	98.52	-	-	91.47	27.75	16.15	36.85	100	122	P	V
	*	2462	90.81	-	-	83.76	27.75	16.15	36.85	100	122	A	V
		2484.592	53.17	-20.83	74	46	27.84	16.18	36.85	100	122	P	V
		2483.68	42.79	-11.21	54	35.63	27.83	16.18	36.85	100	122	A	V
<b>Remark</b>	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	41.02	-32.98	74	59.47	32.44	9.41	60.3	-	-	P	H	
			4824	42.36	-31.64	74	59.06	32.44	9.41	58.55	-	-	P	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	41.02	-32.98	74	59.32	32.6	9.4	60.3	-	-	P	H
		7311	44.93	-29.07	74	57.94	36.66	10.85	60.52	-	-	P	H
			4874	43.53	-30.47	74	60.11	32.6	9.4	58.58	-	-	P
		7311	48.01	-25.99	74	58.58	36.66	10.85	58.08	-	-	P	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	40.47	-33.53	74	58.65	32.74	9.38	60.3	-	-	P	H	
		7386	44.3	-29.7	74	57.44	36.5	10.91	60.55	-	-	P	H	
	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.												



**2.4GHz 2400~2483.5MHz**  
**WIFI 802.11ac VHT20 (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 )	
802.11ac VHT20 CH 01 2412MHz		2351.104	50.23	-23.77	74	44.12	27.01	15.96	36.86	382	58	P	H	
		2389.52	41.26	-12.74	54	34.77	27.32	16.03	36.86	382	58	A	H	
	*	2412	97.36	-	-	90.68	27.47	16.07	36.86	382	58	P	H	
	*	2412	89.06	-	-	82.38	27.47	16.07	36.86	382	58	A	H	
			2358.048	50.86	-23.14	74	44.69	27.06	15.97	36.86	100	124	P	V
			2389.52	41.35	-12.65	54	34.86	27.32	16.03	36.86	100	124	A	V
		*	2412	98.45	-	-	91.77	27.47	16.07	36.86	100	124	P	V
		*	2412	90.13	-	-	83.45	27.47	16.07	36.86	100	124	A	V
802.11ac VHT20 CH 06 2437MHz		2382.747	50.58	-23.42	74	44.16	27.26	16.02	36.86	372	69	P	H	
		2389.46	40.45	-13.55	54	33.96	27.32	16.03	36.86	372	69	A	H	
		*	2437	97.19	-	-	90.32	27.62	16.11	36.86	372	69	P	H
		*	2437	89.76	-	-	82.89	27.62	16.11	36.86	372	69	A	H
			2491.97	52.08	-21.92	74	44.87	27.87	16.19	36.85	372	69	P	H
			2488.32	41.77	-12.23	54	34.58	27.85	16.19	36.85	372	69	A	H
			2387.542	50.65	-23.35	74	44.18	27.3	16.03	36.86	100	117	P	V
			2389.049	40.53	-13.47	54	34.05	27.31	16.03	36.86	100	117	A	V
		*	2437	98.2	-	-	91.33	27.62	16.11	36.86	100	117	P	V
		*	2437	90.55	-	-	83.68	27.62	16.11	36.86	100	117	A	V
		2488.466	51.79	-22.21	74	44.6	27.85	16.19	36.85	100	117	P	V	
		2488.612	41.92	-12.08	54	34.73	27.85	16.19	36.85	100	117	A	V	



<b>802.11ac</b>  <b>VHT20</b>  <b>CH 11</b>  <b>2462MHz</b>	*	2462	96.28	-	-	89.23	27.75	16.15	36.85	400	70	P	H
	*	2462	88.8	-	-	81.75	27.75	16.15	36.85	400	70	A	H
		2484.832	53.47	-20.53	74	46.3	27.84	16.18	36.85	400	70	P	H
		2484.256	43.85	-10.15	54	36.68	27.84	16.18	36.85	400	70	A	H
	*	2462	98.66	-	-	91.61	27.75	16.15	36.85	100	123	P	V
	*	2462	90.61	-	-	83.56	27.75	16.15	36.85	100	123	A	V
		2483.536	53.72	-20.28	74	46.56	27.83	16.18	36.85	100	123	P	V
		2483.536	43.94	-10.06	54	36.78	27.83	16.18	36.85	100	123	A	V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11ac VHT20 (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 )
802.11ac VHT20 CH 01 2412MHz		4824	40.78	-33.22	74	59.23	32.44	9.41	60.3	-	-	P	H
		4824	41.99	-32.01	74	58.69	32.44	9.41	58.55	-	-	P	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)	
802.11ac VHT20 CH 11 2462MHz		4924	41.14	-32.86	74	59.32	32.74	9.38	60.3	-	-	P	H	
		7386	43.73	-30.27	74	56.87	36.5	10.91	60.55	-	-	P	H	
	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.												



Emission above 18GHz

2.4GHz WIFI 802.11ac VHT20 (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 802.11ac VHT20 SHF		23560	39.47	-34.53	74	56.97	38.8	-2.32	53.98	-	-	P	H
	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 802.11ac VHT20 (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 802.11ac VHT20 LF		54.25	31.91	-8.09	40	50.96	12.58	0.93	32.56	-	-	P	H	
		69.77	25	-15	40	44.24	12.24	1.03	32.51	-	-	P	H	
		136.7	26.15	-17.35	43.5	39.74	17.41	1.5	32.5	-	-	P	H	
		195.87	21.58	-21.92	43.5	37.7	14.71	1.67	32.5	-	-	P	H	
		278.32	28.67	-17.33	46	40.35	18.7	2.04	32.42	-	-	P	H	
		896.21	34.69	-11.31	46	33.83	28.76	3.64	31.54	-	-	P	H	
			30	32.95	-7.05	40	40.48	24.3	0.64	32.47	-	-	P	V
			50.37	32.1	-7.9	40	49.61	14.14	0.92	32.57	-	-	P	V
		149.31	24.47	-19.03	43.5	38.38	16.99	1.58	32.48	-	-	P	V	
		169.68	20.61	-22.89	43.5	35.84	15.62	1.61	32.46	-	-	P	V	
		365.62	30.87	-15.13	46	40.31	20.74	2.27	32.45	-	-	P	V	
		959.26	32.68	-13.32	46	29.03	30.95	3.84	31.14	-	-	P	V	

**Remark**

- No other spurious found.
- All results are PASS against limit line.
- 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**

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



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+2		( 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. Margin(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. Margin(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. Margin(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

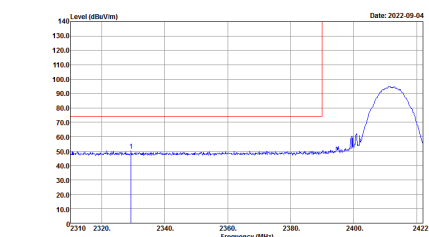
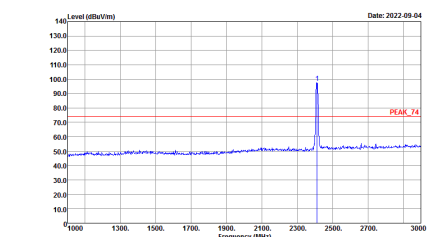
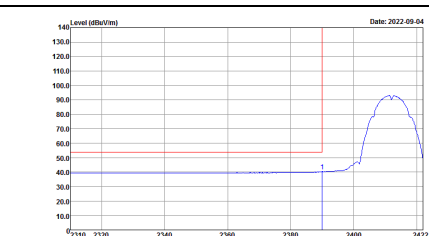
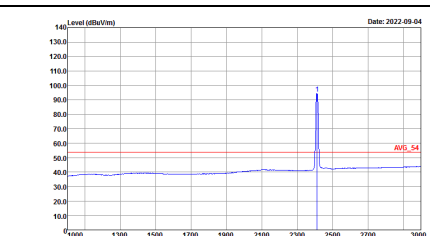
Test Engineer :	Leo Li and Bigshow Wang	Temperature :	22.1~23.1°C
		Relative Humidity :	55~60%

### Note symbol

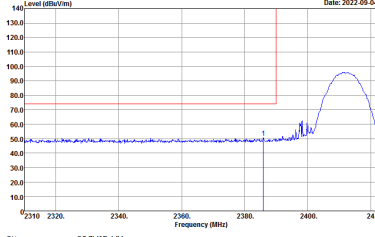
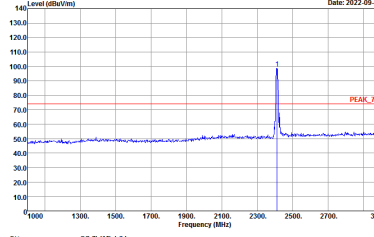
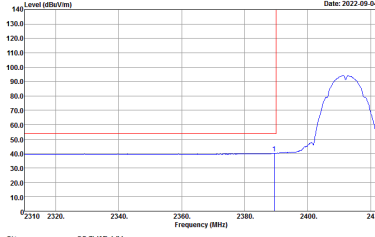
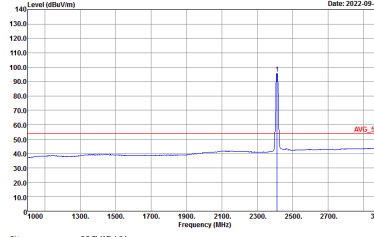
-L	Low channel location
-R	High channel location



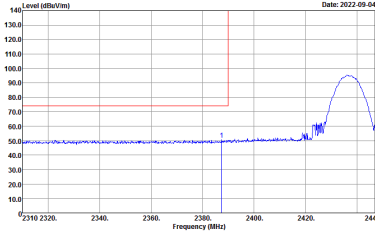
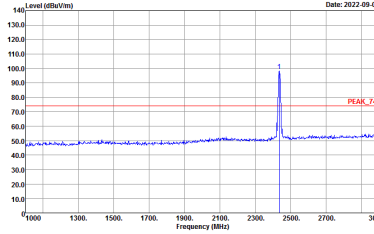
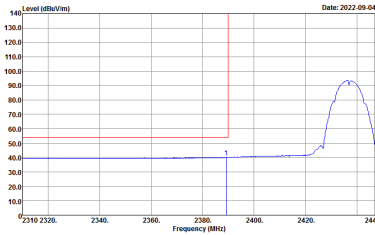
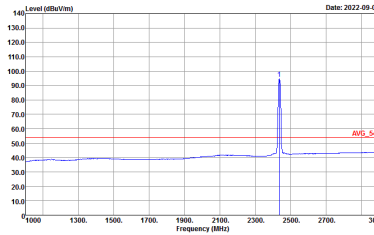
2.4GHz 2400~2483.5MHz  
WIFI 802.11b (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH01 2412MHz	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_02294_220623 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK_74 3m 91200_02294_220623 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_02294_220623 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : AVG_54 3m 91200_02294_220623 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto</p>



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH01 2412MHz	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_02294_220623 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK_74 3m 91200_02294_220623 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_02294_220623 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : AVG_54 3m 91200_02294_220623 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto</p>



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - L	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_02294_220623 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK_74 3m 91200_02294_220623 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_02294_220623 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : AVG_54 3m 91200_02294_220623 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto</p>



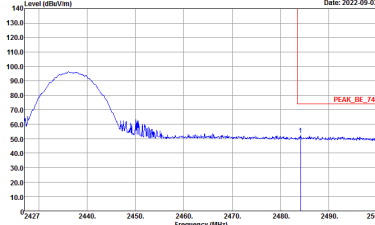
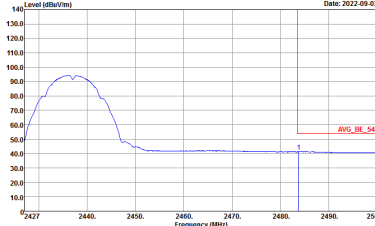
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
1	Horizontal	Fundamental
Peak	<p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_02294_220623 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWF:Auto</p>	Left blank
Avg.	<p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_02294_220623 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWF:Auto</p>	Left blank



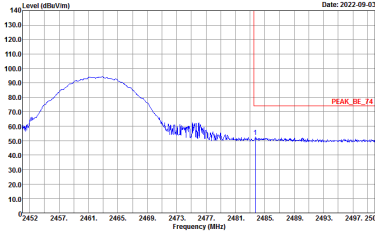
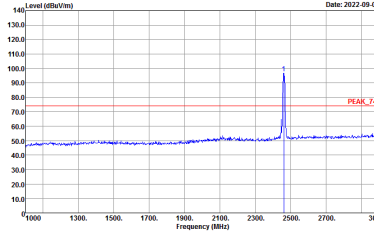
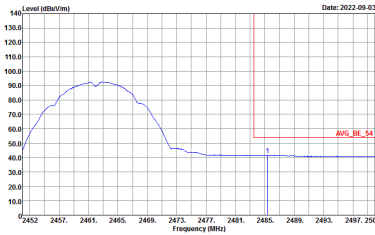
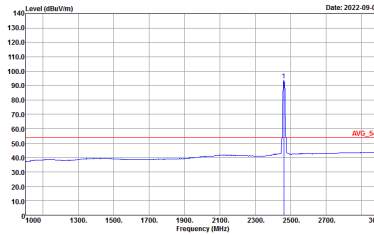
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - L	
1	Vertical	Fundamental
Peak	<p>Site : 03CH15-HY            Condition : PEAK_BE_74 3m 91200_02294_220623 VERTICAL            : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH15-HY            Condition : PEAK_74 3m 91200_02294_220623 VERTICAL            : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	<p>Site : 03CH15-HY            Condition : AVG_BE_54 3m 91200_02294_220623 VERTICAL            : RBW:1000.000KHz VBW:0.300KHz SWT:Auto</p>	<p>Site : 03CH15-HY            Condition : AVG_54 3m 91200_02294_220623 VERTICAL            : RBW:1000.000KHz VBW:0.300KHz SWT:Auto</p>



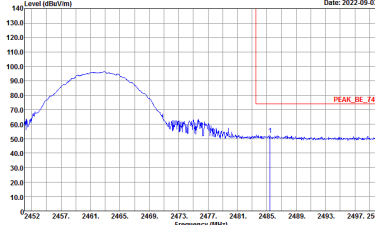
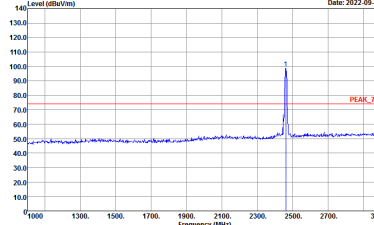
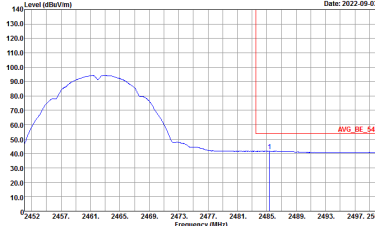
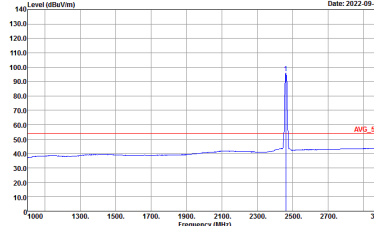


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_02294_220623 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWF:Auto</p>	Left blank
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_02294_220623 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWF:Auto</p>	Left blank



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH11 2462MHz	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_02294_220623 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK_74 3m 91200_02294_220623 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_02294_220623 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : AVG_54 3m 91200_02294_220623 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto</p>



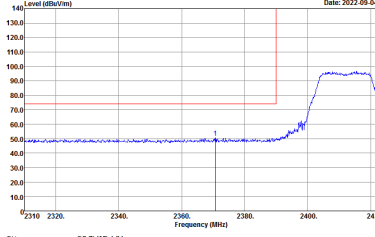
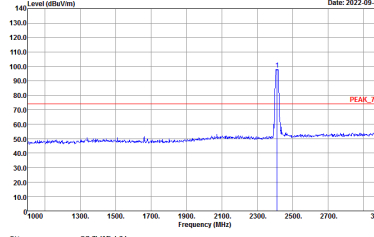
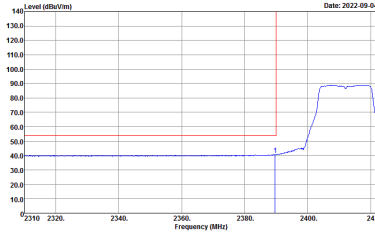
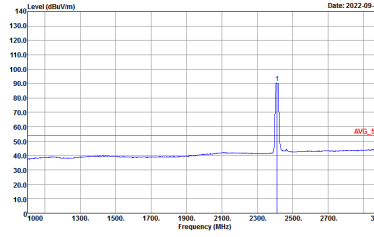
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH11 2462MHz	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_02294_220623 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK_74 3m 91200_02294_220623 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_02294_220623 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : AVG_54 3m 91200_02294_220623 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto</p>



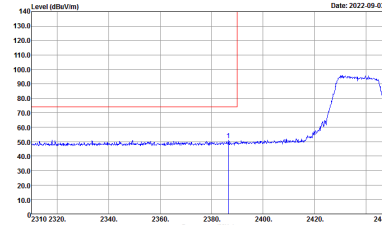
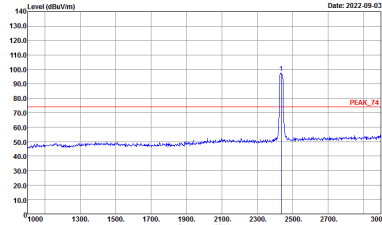
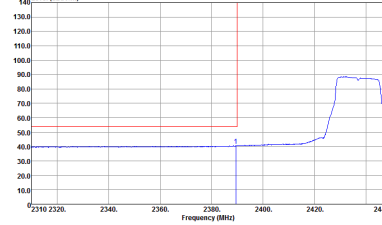
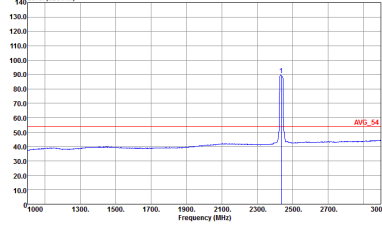
2.4GHz 2400~2483.5MHz
WIFI 802.11g (Band Edge @ 3m)

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

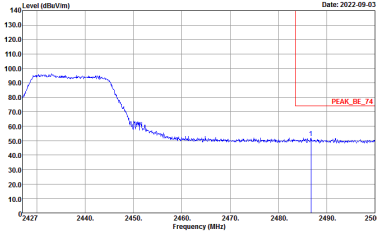
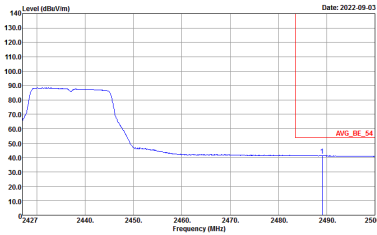


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH01 2412MHz	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_02294_220623 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK_74 3m 91200_02294_220623 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_02294_220623 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : AVG_54 3m 91200_02294_220623 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>

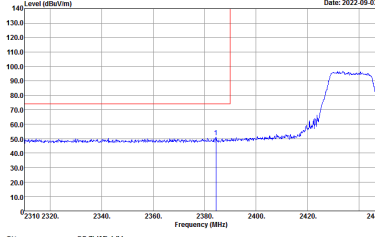
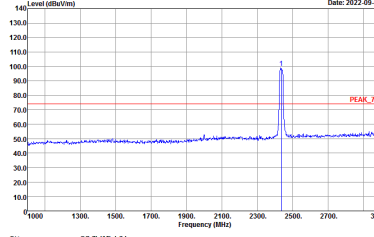
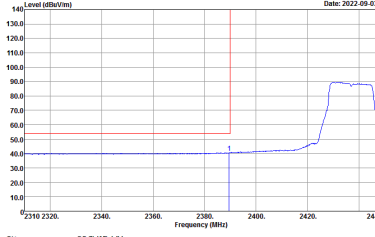
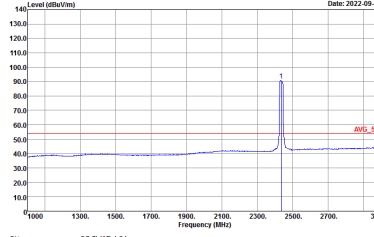


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - L	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_02294_220623 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK_74 3m 91200_02294_220623 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_02294_220623 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : AVG_54 3m 91200_02294_220623 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>



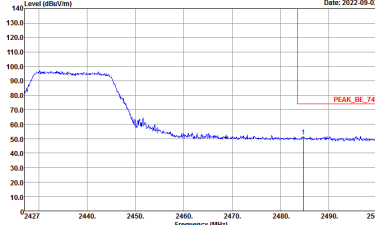
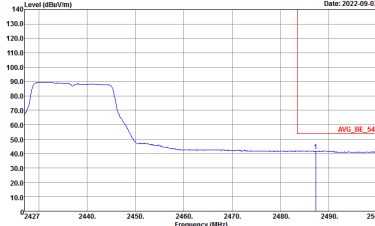
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_02294_220623 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWF:Auto</p>	Left blank
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_02294_220623 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWF:Auto</p>	Left blank



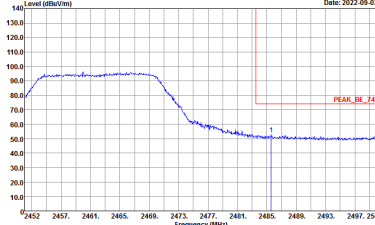
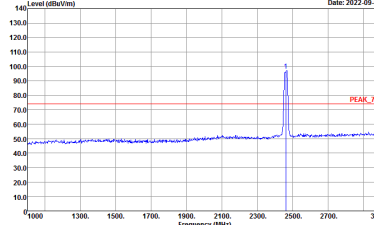
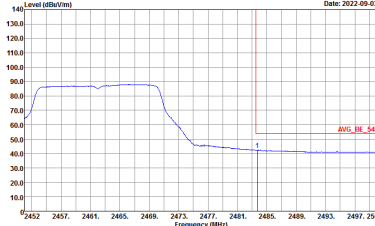
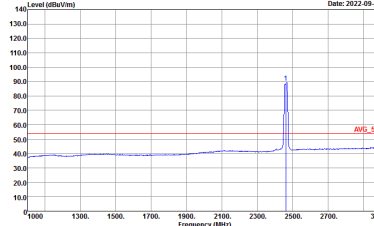
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - L	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_02294_220623 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK_74 3m 91200_02294_220623 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_02294_220623 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : AVG_54 3m 91200_02294_220623 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>



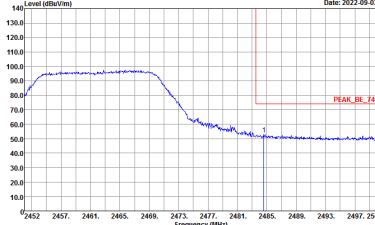
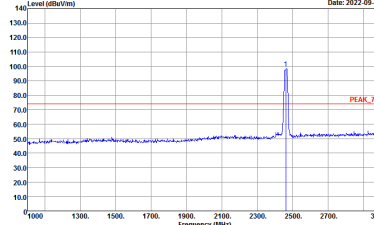
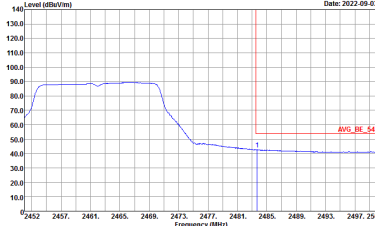
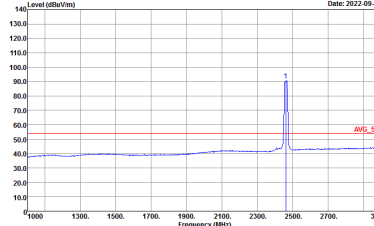


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_02294_220623 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWF:Auto</p>	Left Blank
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_02294_220623 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWF:Auto</p>	Left Blank



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH11 2462MHz	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_02294_220623 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK_74 3m 91200_02294_220623 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_02294_220623 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : AVG_54 3m 91200_02294_220623 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>



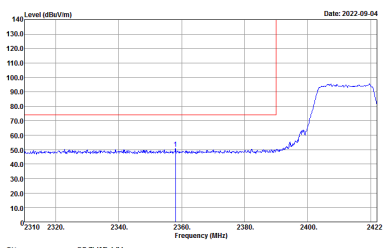
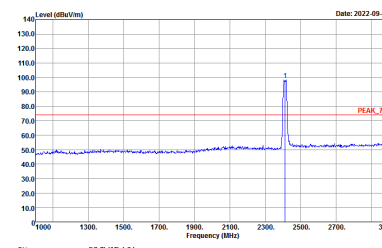
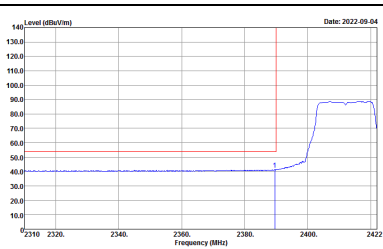
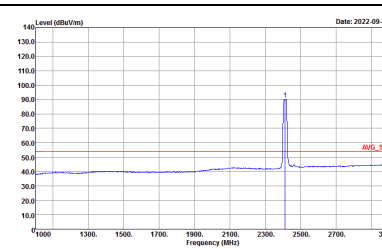
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH11 2462MHz	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_02294_220623 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK_74 3m 91200_02294_220623 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_02294_220623 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : AVG_54 3m 91200_02294_220623 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>



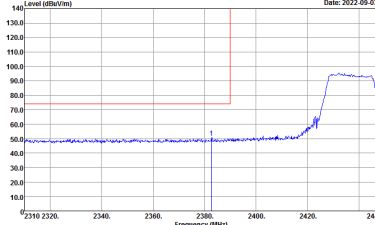
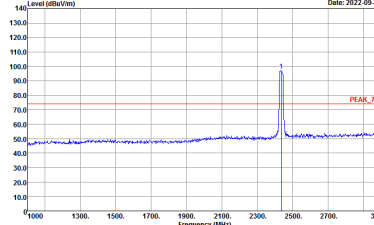
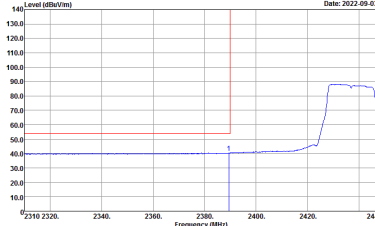
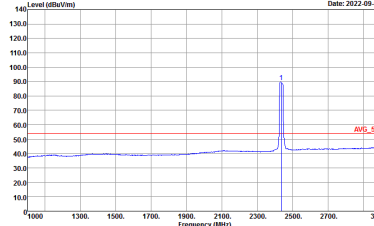
2.4GHz 2400~2483.5MHz
WIFI 802.11ac VHT20 (Band Edge @ 3m)

Table with 4 columns: WIFI, ANT, 1, and two sub-columns for Horizontal and Fundamental. Rows are labeled Peak and Avg. Each cell contains a spectral plot and technical details like Site, Condition, and RBW.

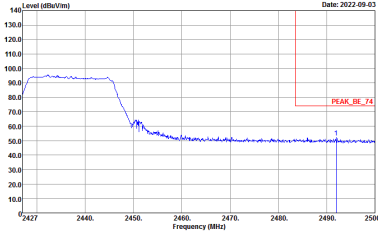
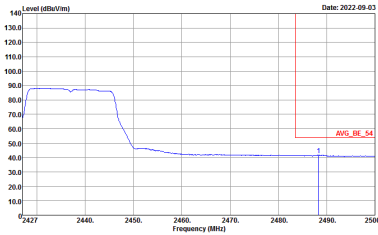


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH01 2412MHz	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_02294_220623 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK_74 3m 91200_02294_220623 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_02294_220623 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : AVG_54 3m 91200_02294_220623 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>

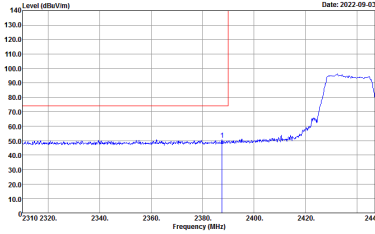
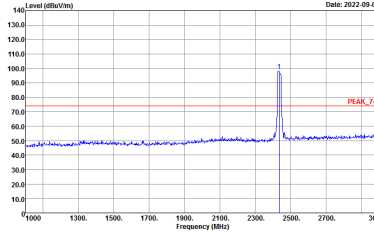
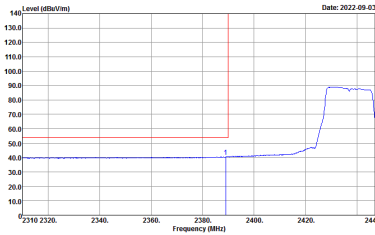
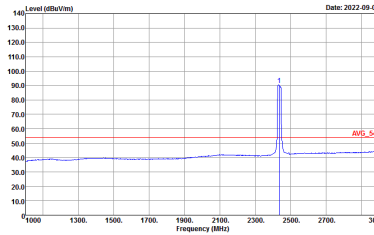


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH06 2437MHz - L	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_02294_220623 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK_74 3m 91200_02294_220623 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_02294_220623 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : AVG_54 3m 91200_02294_220623 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto</p>



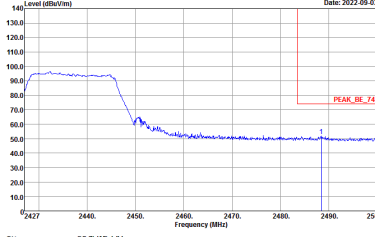
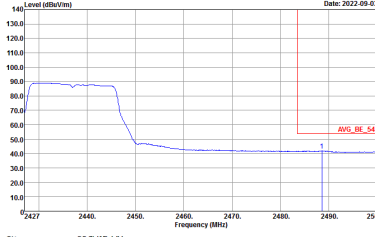
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH20 CH06 2437MHz - R	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_02294_220623 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWF:Auto</p>	Left blank
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_02294_220623 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWF:Auto</p>	Left blank



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH20 CH06 2437MHz - L	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_02294_220623 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK_74 3m 91200_02294_220623 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_02294_220623 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : AVG_54 3m 91200_02294_220623 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>





WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH20 CH06 2437MHz - R	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_02294_220623 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWF:Auto</p>	Left blank
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_02294_220623 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWF:Auto</p>	Left blank