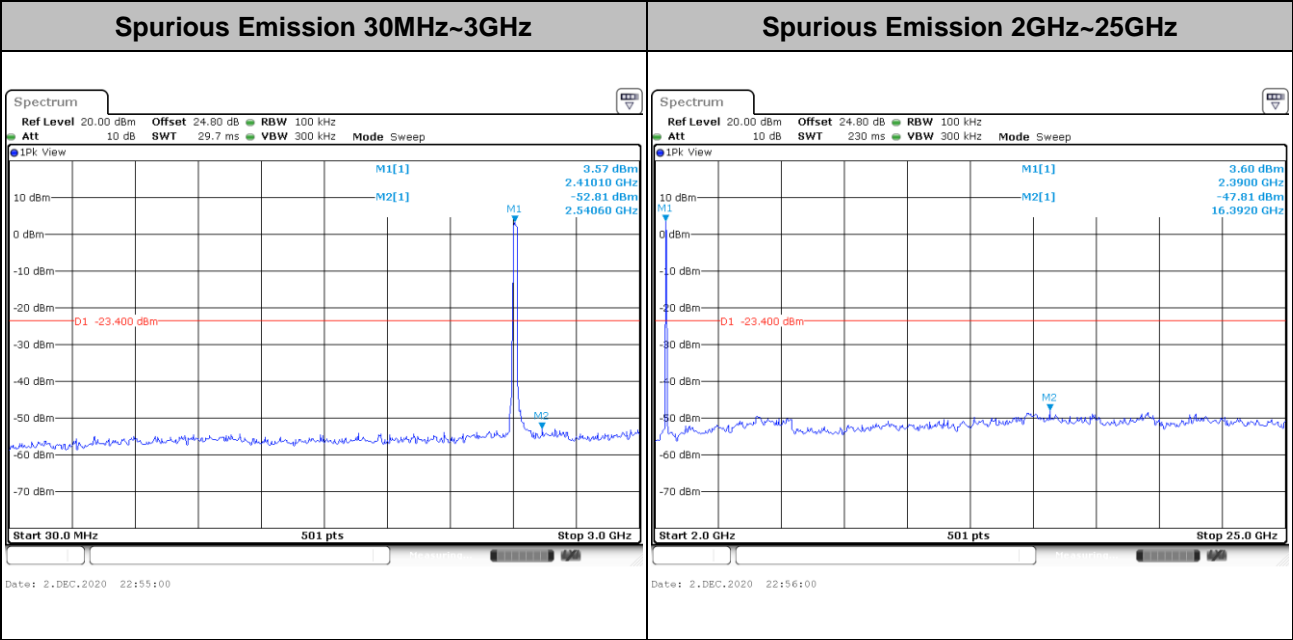
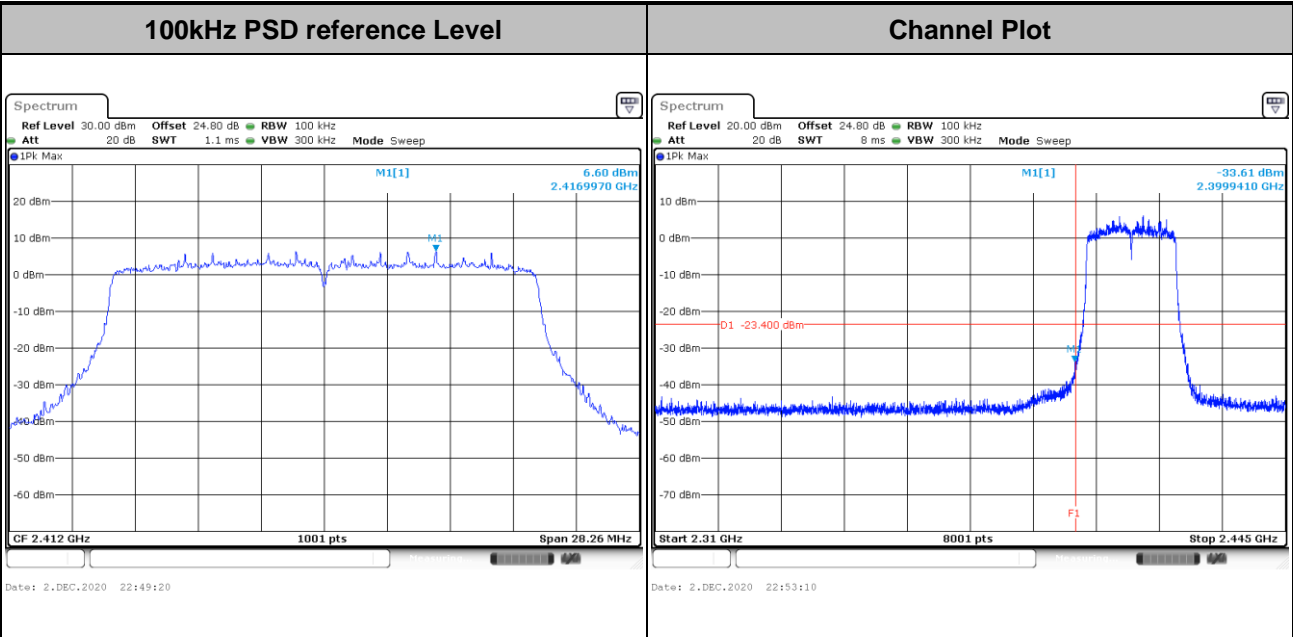


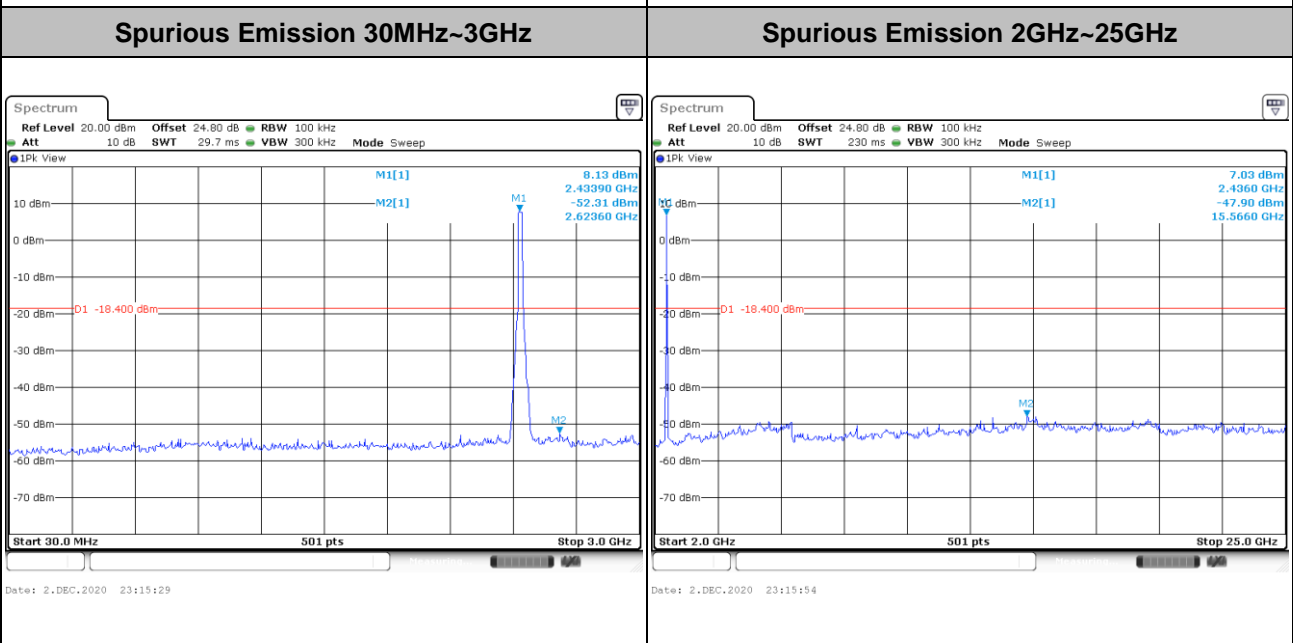
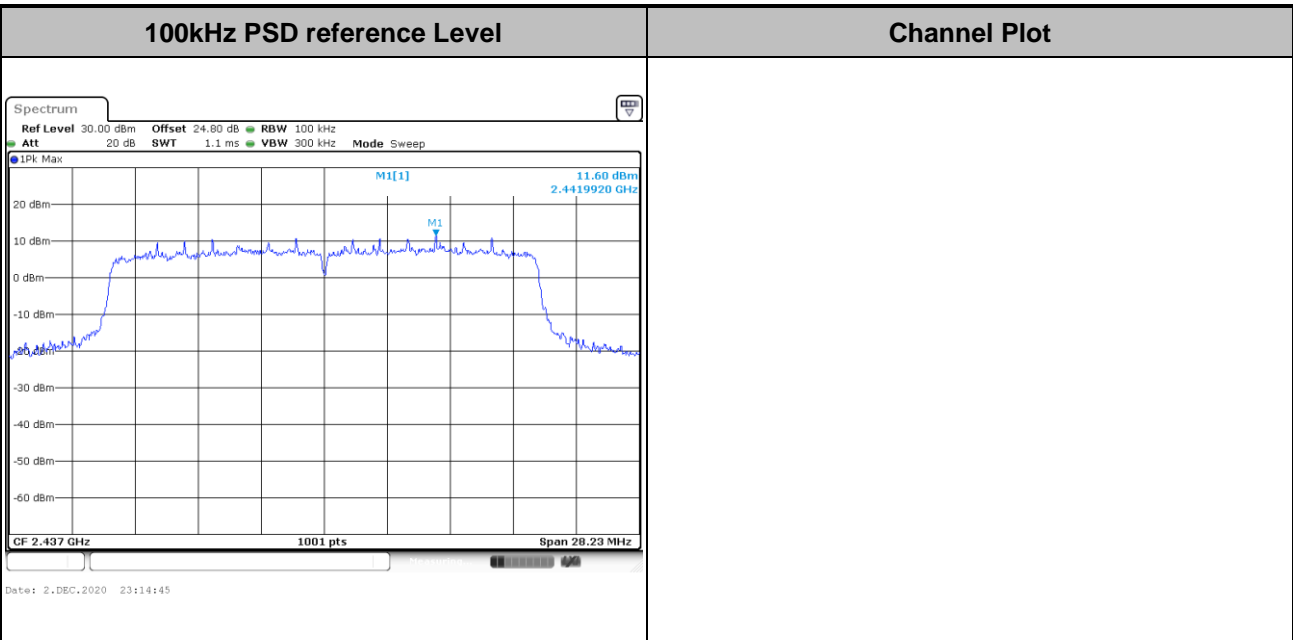


Test Mode : 802.11ax HE20 Full RU      Test Channel : 01



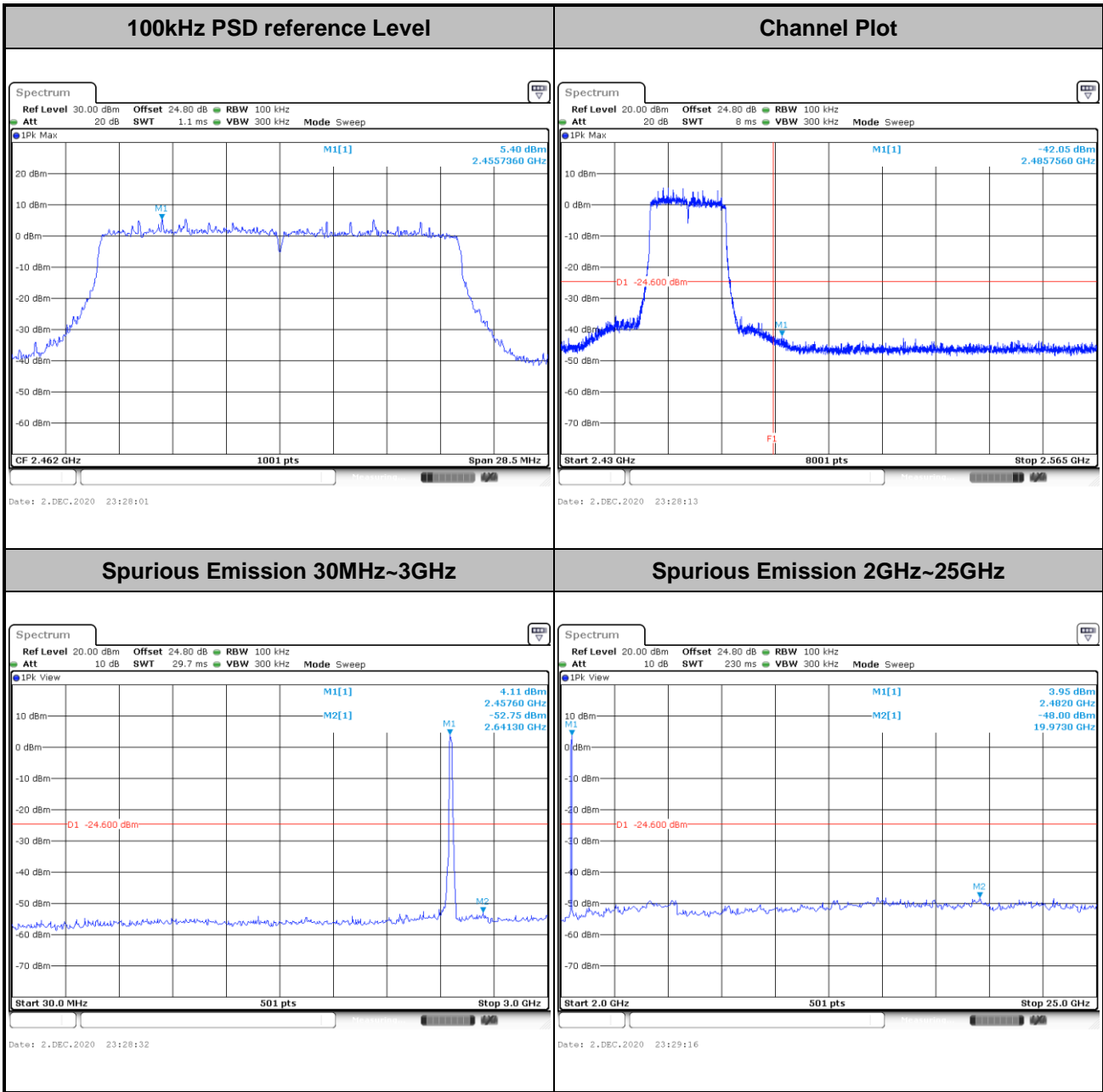


Test Mode :	802.11ax HE20 Full RU	Test Channel :	06
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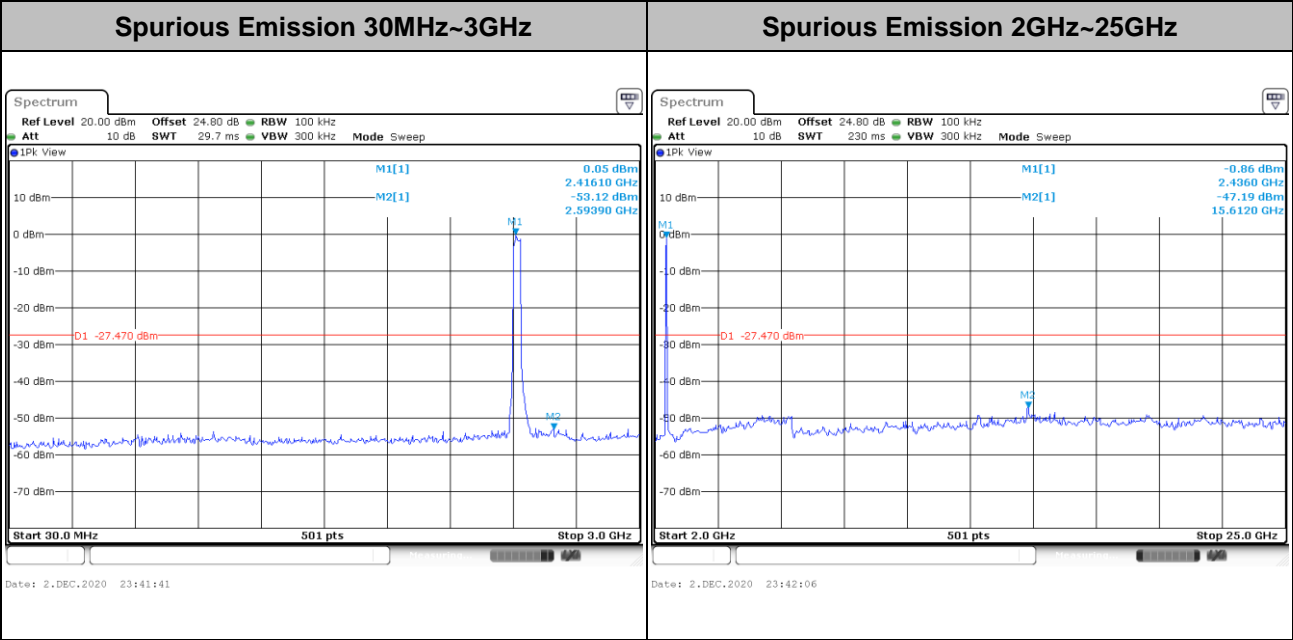
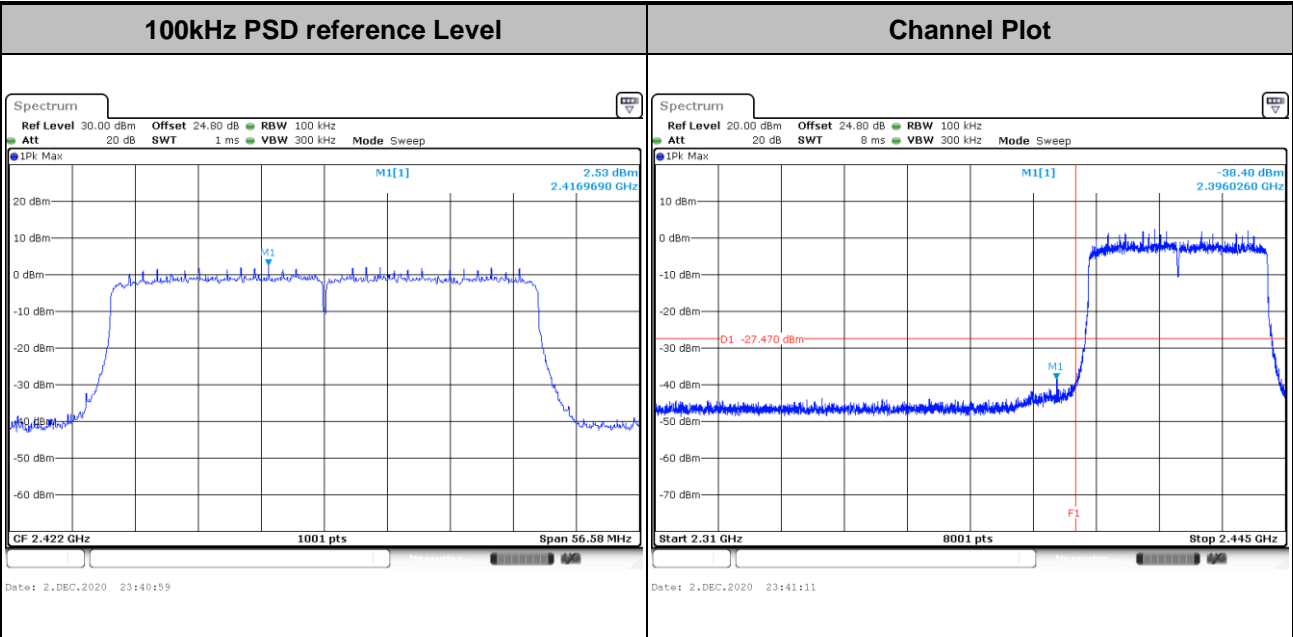


Test Mode :	802.11ax HE20 Full RU	Test Channel :	11
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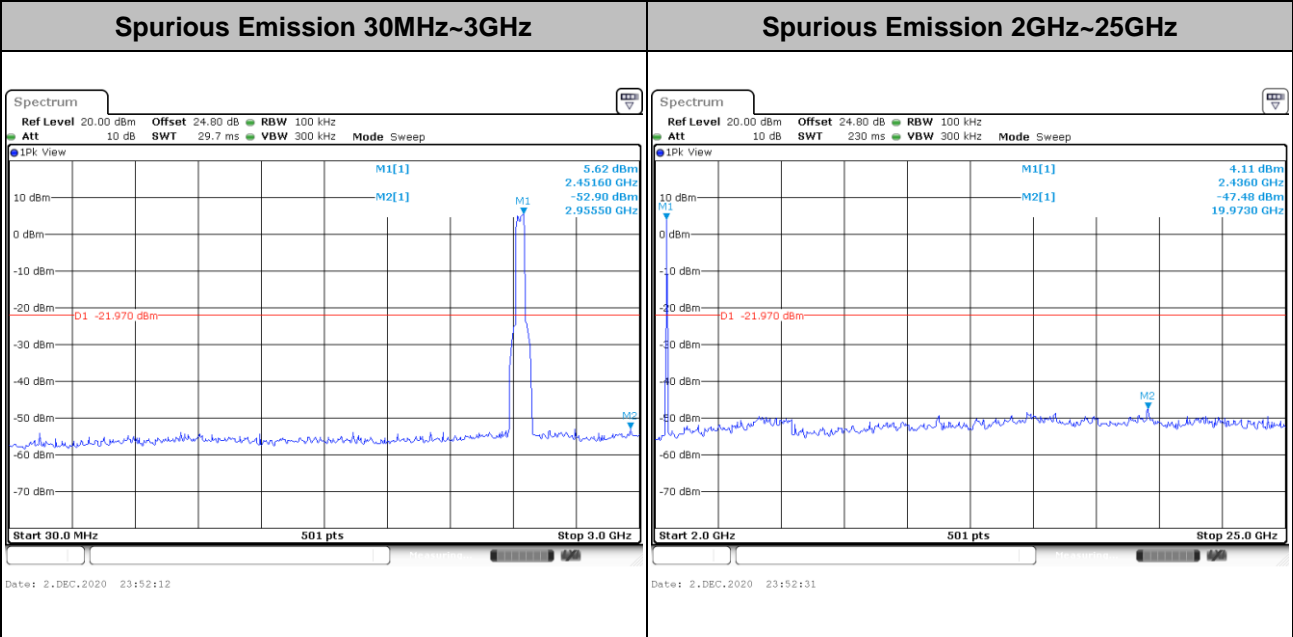
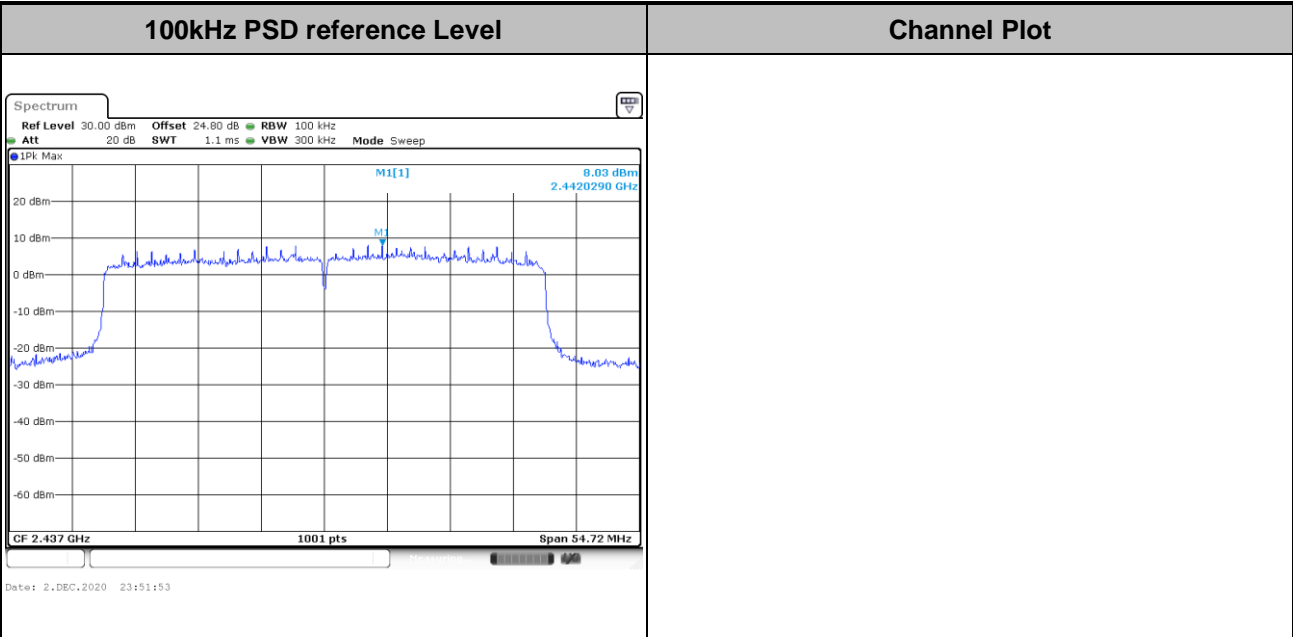


Test Mode : 802.11ax HE40 Full RU      Test Channel : 03



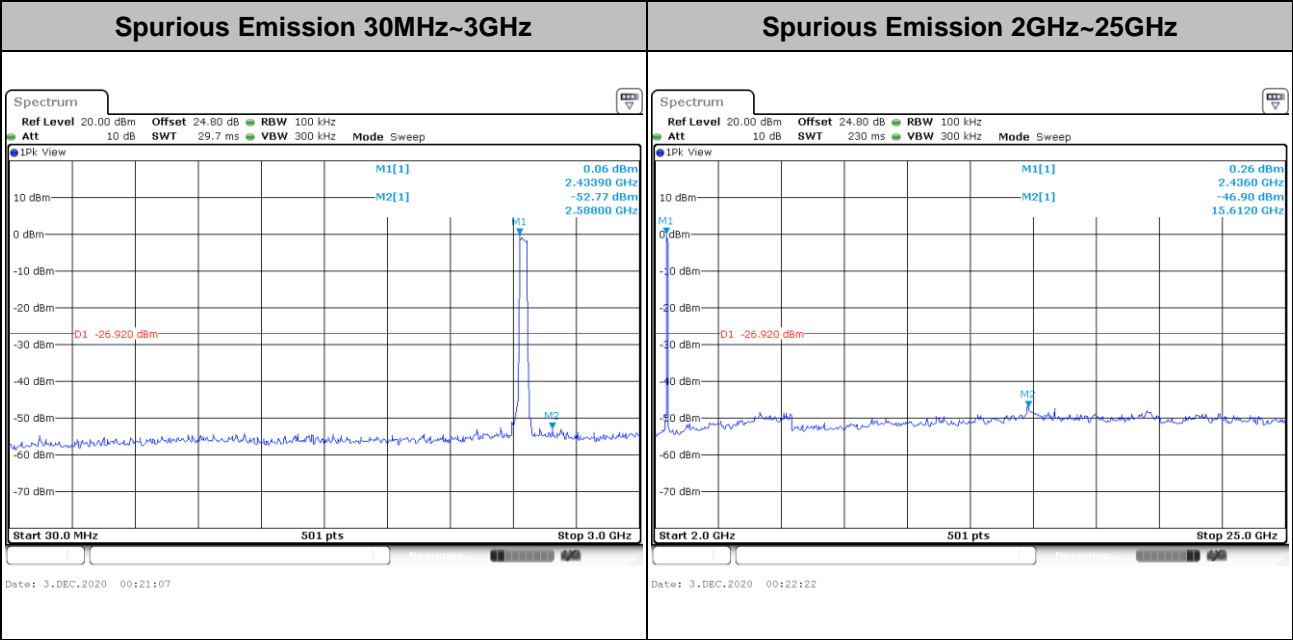
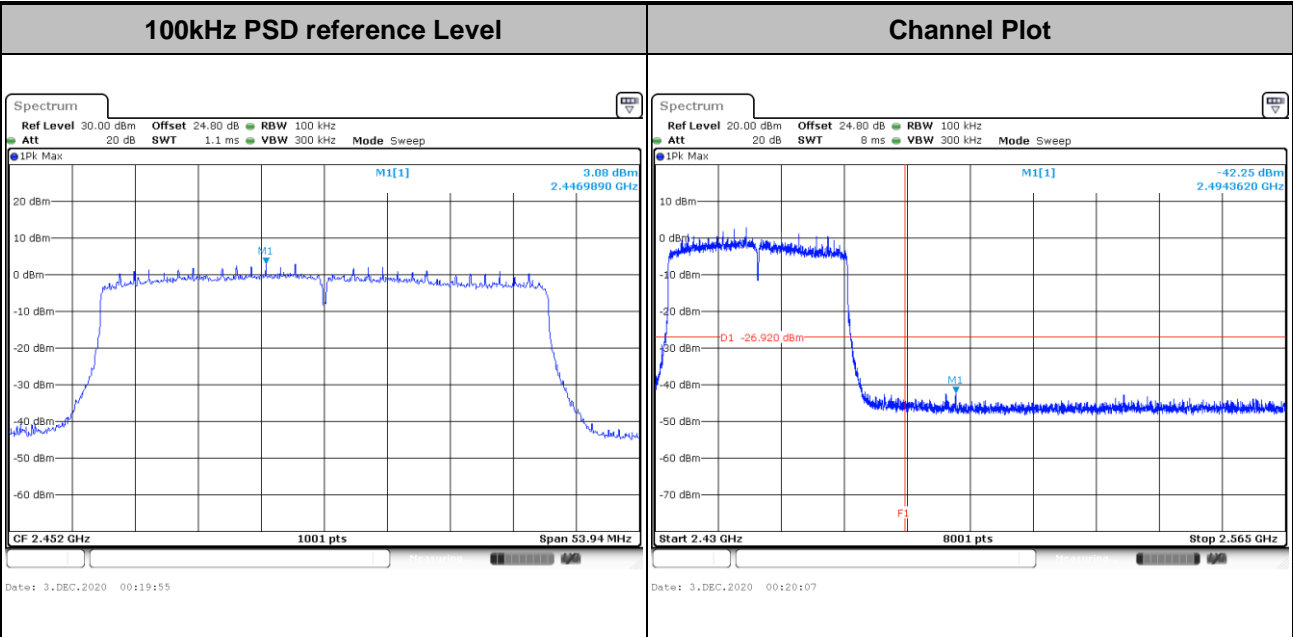


Test Mode :	802.11ax HE40 Full RU	Test Channel :	06
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<b>Test Mode :</b>	802.11ax HE40 Full RU	<b>Test Channel :</b>	09
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### 3.5 Radiated Band Edges and Spurious Emission Measurement

#### 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 was 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

See list of measuring equipment of this test report.



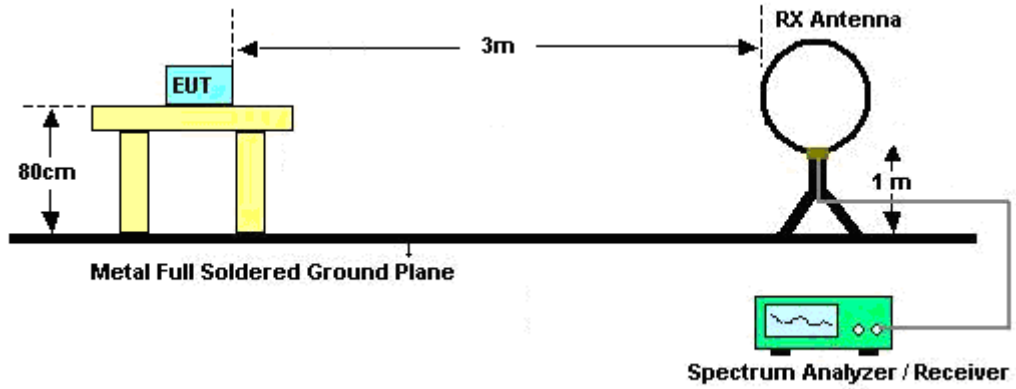
### 3.5.3 Test Procedures

1. The testing follows the ANSI C63.10 Section 11.12.1 Radiated emission measurements.
2. The EUT was 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 was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
5. Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level
6. For testing below 1GHz, if the emission level of the EUT in peak mode was 3 dB lower than the limit specified, then peak values of EUT will be reported, otherwise, the emissions will be repeated one by one using the CISPR quasi-peak method and reported.
7. For testing above 1GHz, the emission level of the EUT in peak mode was 20dB lower than average limit (that means the emission level in average mode also complies with the limit in average mode), then peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.
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= 3MHz 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.

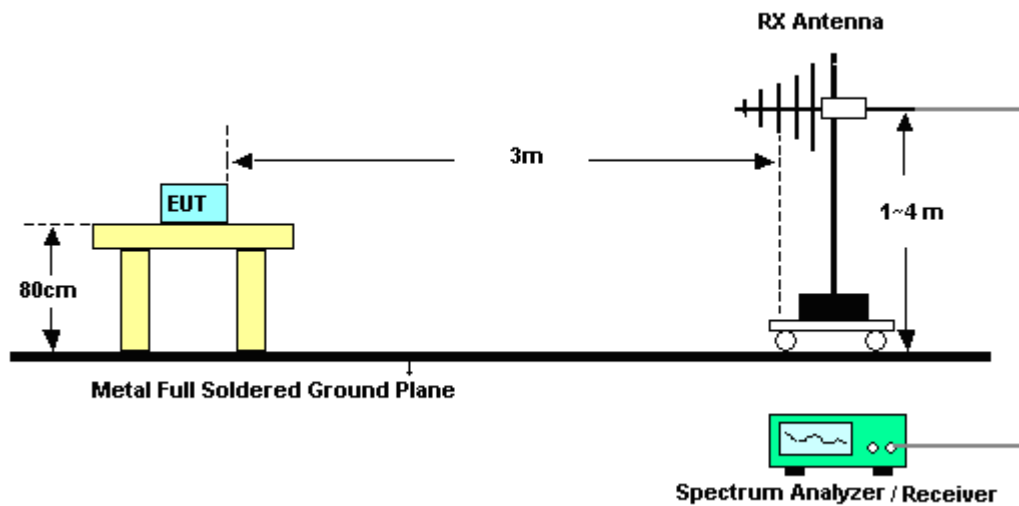


### 3.5.4 Test Setup

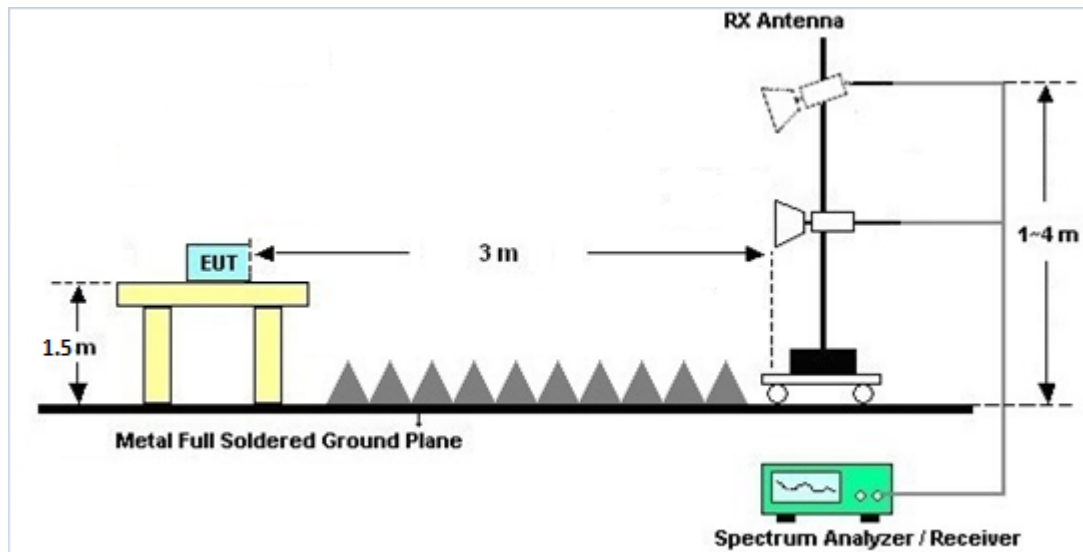
For radiated emissions below 30MHz



For radiated emissions from 30MHz to 1GHz



For radiated test above 1GHz



### 3.5.5 Test Results of Radiated Spurious Emissions (9kHz ~ 30MHz)

The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line was not reported.

There is a comparison data of both open-field test site and alternative test site - semi-Anechoic chamber according to 414788 D01 Radiated Test Site v01r01, and the result came 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 (dB $\mu$ 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.

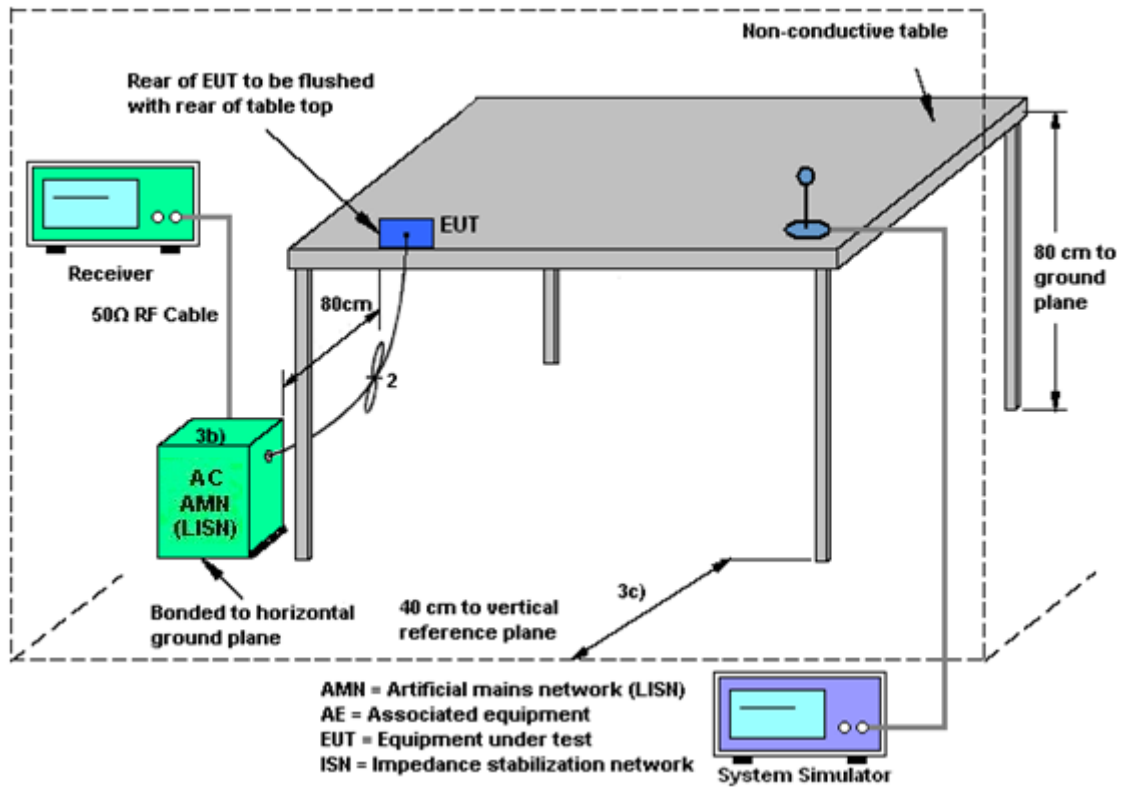
#### 3.6.2 Measuring Instruments

See list of measuring equipment of this test report.

#### 3.6.3 Test Procedures

1. The EUT was placed 0.4 meter from the conducting wall of the shielding room, and it was 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 should be used.
6. Both sides of AC line were checked for maximum conducted interference.
7. The frequency range from 150 kHz to 30 MHz was searched.
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 6dBi, the power shall be reduced by the same level in dB comparing to gain minus 6dBi. The use of a permanently attached Antenna or of an Antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the rule.

#### 3.7.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

#### 3.7.3 Antenna Gain

<CDD Modes >

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

For CDD transmissions, directional gain is calculated as

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

For power spectral density (PSD) measurements on all devices,

Array Gain =  $10 \log(N_{ANT}/N_{SS}=1)$  dB.

For power measurements on IEEE 802.11 devices,

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

Directional gain may be calculated by using the formulas applicable to equal gain antennas with  $G_{ANT}$  set equal to the gain of the antenna having the highest gain;

The EUT supports CDD mode.

For power, the directional gain  $G_{ANT}$  is set equal to the antenna having the highest gain, i.e., F)2)f)i).

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

The power and PSD limit should be modified if the directional gain of EUT is over 6 dBi,

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



<Normal Mode>

<CDD Modes>						
			DG	DG	Power	PSD
			for	for	Limit	Limit
	Ant. 4	Ant. 5	Power	PSD	Reduction	Reduction
	(dBi)	(dBi)	(dBi)	(dBi)	(dB)	(dB)
2.4 GHz	-0.50	-0.80	-0.50	2.36	0.00	0.00

<Camera Mode>

<CDD Modes>						
			DG	DG	Power	PSD
			for	for	Limit	Limit
	Ant. 6	Ant. 5	Power	PSD	Reduction	Reduction
	(dBi)	(dBi)	(dBi)	(dBi)	(dB)	(dB)
2.4 GHz	2.70	-0.80	2.70	4.14	0.00	0.00

$Power\ Limit\ Reduction = DG(Power) - 6dBi, (min = 0)$

$PSD\ Limit\ Reduction = DG(PSD) - 6dBi, (min = 0)$



## 4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Jul. 14, 2020	Nov. 20, 2020~ Dec. 30, 2020	Jul. 13, 2021	Radiation (03CH15-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N- 06	41912 & 05	30MHz~1GHz	Feb. 09, 2020	Nov. 20, 2020~ Dec. 30, 2020	Feb. 08, 2021	Radiation (03CH15-HY)
Amplifier	SONOMA	310N	363440	9kHz~1GHz	Dec. 27, 2019	Nov. 20, 2020~ Dec. 25, 2020	Dec. 26, 2020	Radiation (03CH15-HY)
Amplifier	SONOMA	310N	187312	9kHz~1GHz	Dec. 02, 2020	Dec. 26, 2020~ Dec. 30, 2020	Dec. 01, 2021	Radiation (03CH15-HY)
Horn Antenna	SCHWARZBE CK	BBHA 9120 D	9120D-0162 0	1GHz~18GHz	Nov. 03, 2020	Nov. 20, 2020~ Dec. 30, 2020	Nov. 02, 2021	Radiation (03CH15-HY)
SHF-EHF Horn Antenna	SCHWARZBE CK	BBHA 9170	BBHA91705 76	18GHz~40GHz	May 22, 2020	Nov. 20, 2020~ Dec. 30, 2020	May 21, 2021	Radiation (03CH15-HY)
Preamplifier	Jet-Power	JPA0118-55-30 3	171000180 0055006	1GHz~18GHz	May 07, 2020	Nov. 20, 2020~ Dec. 30, 2020	May 06, 2021	Radiation (03CH15-HY)
Preamplifier	Keysight	83017A	MY5327019 5	1GHz~26.5GHz	Aug. 21, 2020	Nov. 20, 2020~ Dec. 30, 2020	Aug. 20, 2021	Radiation (03CH15-HY)
Preamplifier	EMEC	EM18G40G	0600789	18-40GHz	Oct. 27, 2020	Nov. 20, 2020~ Dec. 30, 2020	Oct. 26, 2021	Radiation (03CH15-HY)
EMI Test Receiver	Keysight	N9038A(MXE)	MY5413008 5	20MHz~8.4GHz	Nov. 02, 2020	Nov. 20, 2020~ Dec. 30, 2020	Nov. 01, 2021	Radiation (03CH15-HY)
Spectrum Analyzer	Agilent	E4446A	MY5018013 6	3Hz~44GHz	May 04, 2020	Nov. 20, 2020~ Dec. 30, 2020	May 03, 2021	Radiation (03CH15-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Nov. 20, 2020~ Dec. 30, 2020	N/A	Radiation (03CH15-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Nov. 20, 2020~ Dec. 30, 2020	N/A	Radiation (03CH15-HY)
Software	Audix	E3 6.2009-8-24(k5)	RK-000451	N/A	N/A	Nov. 20, 2020~ Dec. 30, 2020	N/A	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104, 102E	MY36980/4, MY9838/4P E,508405/2 E	30MHz~18G	Nov. 16, 2020	Nov. 20, 2020~ Dec. 30, 2020	Nov. 15, 2021	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	505134/2	30MHz-40GHz	Feb. 25, 2020	Nov. 20, 2020~ Dec. 30, 2020	Feb. 24, 2021	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	800740/2	30MHz-40GHz	Feb. 25, 2020	Nov. 20, 2020~ Dec. 30, 2020	Feb. 24, 2021	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY9837/4P E	9kHz~30MHz	Mar. 12, 2020	Nov. 20, 2020~ Dec. 30, 2020	Mar. 11, 2021	Radiation (03CH15-HY)
Filter	Wainwright	WLJ4-1000-153 0-6000-40ST	SN4	1.53GHz Low Pass Filter	Jul. 03, 2020	Nov. 20, 2020~ Dec. 30, 2020	Jul. 02, 2021	Radiation (03CH15-HY)
Filter	Wainwright	WHKX12-2700- 3000-18000-60 ST	SN4	3GHz High Pass Filter	Sep. 16, 2020	Nov. 20, 2020~ Dec. 30, 2020	Sep. 15, 2021	Radiation (03CH15-HY)



Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Hygrometer	Testo	608-H1	34893241	N/A	Mar. 02, 2020	Nov. 11, 2020~ Dec. 04, 2020	Mar. 01, 2021	Conducted (TH05-HY)
Power Sensor	DARE	RPR3006W	16I00054S NO10	10MHz~6GHz	Dec. 23, 2019	Nov. 11, 2020~ Dec. 04, 2020	Dec. 22, 2020	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101566	10Hz ~ 40GHz	Jul. 22, 2020	Nov. 11, 2020~ Dec. 04, 2020	Jul. 21, 2021	Conducted (TH05-HY)
Switch Box & RF Cable	EM Electronics	EMSW18SE	SW200302	N/A	Mar. 17, 2020	Nov. 11, 2020~ Dec. 04, 2020	Mar. 16, 2021	Conducted (TH05-HY)
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Dec. 12, 2020~ Dec. 22, 2020	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102317	9kHz~3.6GHz	Sep. 11, 2020	Dec. 12, 2020~ Dec. 22, 2020	Sep. 10, 2021	Conduction (CO05-HY)
Hygrometer	Testo	608-H1	34913912	N/A	Nov. 18, 2020	Dec. 12, 2020~ Dec. 22, 2020	Nov. 17, 2021	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100080	9kHz~30MHz	Dec. 01, 2020	Dec. 12, 2020~ Dec. 22, 2020	Nov. 30, 2021	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100081	9kHz~30MHz	Nov. 16, 2020	Dec. 12, 2020~ Dec. 22, 2020	Nov. 15, 2021	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Dec. 12, 2020~ Dec. 22, 2020	N/A	Conduction (CO05-HY)
LF Cable	HUBER + SUHNER	RG-214/U	LF01	N/A	Jan. 02, 2020	Dec. 12, 2020~ Dec. 22, 2020	Jan. 01, 2021	Conduction (CO05-HY)
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100851	N/A	Jan. 02, 2020	Dec. 12, 2020~ Dec. 22, 2020	Jan. 01, 2021	Conduction (CO05-HY)





## 5 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ )	2.3
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### Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ )	4.7
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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
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### Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ )	4.9
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**Appendix A. Test Result of Conducted Test Items**

Test Engineer:	Derek Hsu	Temperature:	21~25	°C
Test Date:	2020/11/11~2020/12/04	Relative Humidity:	51~54	%

&lt;Normal Mode&gt;

**TEST RESULTS DATA**  
**6dB and 99% Occupied Bandwidth**

2.4GHz Band MIMO										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Occupied BW (MHz)		6dB BW (MHz)		6dB BW Limit (MHz)	Pass/Fail
					Ant 4	Ant 5	Ant 4	Ant 5		
11b	1Mbps	2	1	2412	12.84	13.14	8.06	8.08	0.50	Pass
11b	1Mbps	2	6	2437	13.09	13.14	8.52	8.08	0.50	Pass
11b	1Mbps	2	11	2462	14.49	13.39	9.02	8.50	0.50	Pass

**TEST RESULTS DATA**  
**Average Output Power**

2.4GHz Band MIMO																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			Conducted Power Limit (dBm)		DG (dBi)		EIRP Power (dBm)		EIRP Power Limit (dBm)		Pass /Fail
					Ant 4	Ant 5	SUM	Ant 4	Ant 5	Ant 4	Ant 5	Ant 4	Ant 5	Ant 4	Ant 5	
11b	1Mbps	2	1	2412	21.60	20.70	24.18	30.00		-0.50		23.68		36.00	Pass	
11b	1Mbps	2	6	2437	20.00	19.50	22.77	30.00		-0.50		22.27		36.00	Pass	
11b	1Mbps	2	11	2462	20.70	20.00	23.37	30.00		-0.50		22.87		36.00	Pass	
11g	6Mbps	2	1	2412	18.70	18.20	21.47	30.00		-0.50		20.97		36.00	Pass	
11g	6Mbps	2	6	2437	21.60	21.70	24.66	30.00		-0.50		24.16		36.00	Pass	
11g	6Mbps	2	11	2462	18.30	17.90	21.11	30.00		-0.50		20.61		36.00	Pass	
HT20	MCS0	2	1	2412	18.70	18.20	21.47	30.00		-0.50		20.97		36.00	Pass	
HT20	MCS0	2	6	2437	21.90	21.80	24.86	30.00		-0.50		24.36		36.00	Pass	
HT20	MCS0	2	11	2462	18.30	17.90	21.11	30.00		-0.50		20.61		36.00	Pass	
HT40	MCS0	2	3	2422	17.40	17.00	20.21	30.00		-0.50		19.71		36.00	Pass	
HT40	MCS0	2	6	2437	21.60	21.50	24.56	30.00		-0.50		24.06		36.00	Pass	
HT40	MCS0	2	9	2452	17.90	17.90	20.91	30.00		-0.50		20.41		36.00	Pass	
VHT20	MCS0	2	1	2412	18.70	18.20	21.47	30.00		-0.50		20.97		36.00	Pass	
VHT20	MCS0	2	6	2437	21.80	21.80	24.81	30.00		-0.50		24.31		36.00	Pass	
VHT20	MCS0	2	11	2462	18.30	17.90	21.11	30.00		-0.50		20.61		36.00	Pass	
VHT40	MCS0	2	3	2422	17.40	17.00	20.21	30.00		-0.50		19.71		36.00	Pass	
VHT40	MCS0	2	6	2437	21.60	21.50	24.56	30.00		-0.50		24.06		36.00	Pass	
VHT40	MCS0	2	9	2452	17.90	17.90	20.91	30.00		-0.50		20.41		36.00	Pass	

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

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

2.4GHz Band MIMO												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Peak PSD (dBm/3kHz)			DG (dBi)		Peak PSD Limit (dBm/3kHz)		Pass/Fail
					Ant 4	Ant 5	Worse + 3.01	Ant 4	Ant 5	Ant 4	Ant 5	
11b	1Mbps	2	1	2412	-2.12	-2.83	0.89	2.36		8.00		Pass
11b	1Mbps	2	6	2437	-3.99	-4.35	-0.98	2.36		8.00		Pass
11b	1Mbps	2	11	2462	-2.83	-3.25	0.18	2.36		8.00		Pass

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

**TEST RESULTS DATA**  
**6dB and 99% Occupied Bandwidth**

2.4GHz Band MIMO											
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config	99% Occupied BW (MHz)		6dB BW (MHz)		6dB BW Limit (MHz)	Pass/Fail
						Ant 4	Ant 5	Ant 4	Ant 5		
HE20	MCS0	2	1	2412	Full	18.88	18.88	18.62	18.52	0.50	Pass
HE20	MCS0	2	6	2437	Full	21.43	19.03	17.50	17.82	0.50	Pass
HE20	MCS0	2	11	2462	Full	19.03	18.93	18.66	18.88	0.50	Pass
HE40	MCS0	2	3	2422	Full	37.96	38.06	37.76	37.64	0.50	Pass
HE40	MCS0	2	6	2437	Full	43.96	38.06	37.32	37.96	0.50	Pass
HE40	MCS0	2	9	2452	Full	37.76	37.86	34.32	37.52	0.50	Pass

**TEST RESULTS DATA**  
**Average Output Power**

2.4GHz Band MIMO																	
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config	Average Conducted Power (dBm)			Conducted Power Limit (dBm)		DG (dBi)		EIRP Power (dBm)		EIRP Power Limit (dBm)		Pass /Fail
						Ant 4	Ant 5	SUM	Ant 4	Ant 5	Ant 4	Ant 5	Ant 4	Ant 5	Ant 4	Ant 5	
HE20	MCS0	2	1	2412	Full	18.80	18.30	21.57	30.00		-0.50	21.07		36.00		Pass	
HE20	MCS0	2	1	2412	26/0	10.50	10.30	13.41	30.00		-0.50	12.91		36.00		Pass	
HE20	MCS0	2	1	2412	52/37	12.00	11.90	14.96	30.00		-0.50	14.46		36.00		Pass	
HE20	MCS0	2	1	2412	106/53	15.50	15.00	18.27	30.00		-0.50	17.77		36.00		Pass	
HE20	MCS0	2	6	2437	Full	21.90	21.90	24.91	30.00		-0.50	24.41		36.00		Pass	
HE20	MCS0	2	6	2437	26/4	12.80	12.40	15.61	30.00		-0.50	15.11		36.00		Pass	
HE20	MCS0	2	6	2437	52/39	15.00	14.40	17.72	30.00		-0.50	17.22		36.00		Pass	
HE20	MCS0	2	6	2437	106/53	16.90	16.70	19.81	30.00		-0.50	19.31		36.00		Pass	
HE20	MCS0	2	11	2462	Full	18.40	18.00	21.21	30.00		-0.50	20.71		36.00		Pass	
HE20	MCS0	2	11	2462	26/8	9.10	9.70	12.42	30.00		-0.50	11.92		36.00		Pass	
HE20	MCS0	2	11	2462	52/40	11.00	11.80	14.43	30.00		-0.50	13.93		36.00		Pass	
HE20	MCS0	2	11	2462	106/54	13.40	13.50	16.46	30.00		-0.50	15.96		36.00		Pass	
HE40	MCS0	2	3	2422	Full	17.50	17.00	20.27	30.00		-0.50	19.77		36.00		Pass	
HE40	MCS0	2	3	2422	242/61	15.70	14.90	18.33	30.00		-0.50	17.83		36.00		Pass	
HE40	MCS0	2	6	2437	Full	21.70	21.50	24.61	30.00		-0.50	24.11		36.00		Pass	
HE40	MCS0	2	6	2437	242/61	19.00	18.90	21.96	30.00		-0.50	21.46		36.00		Pass	
HE40	MCS0	2	9	2452	Full	17.90	18.00	20.96	30.00		-0.50	20.46		36.00		Pass	
HE40	MCS0	2	9	2452	242/62	15.60	15.30	18.46	30.00		-0.50	17.96		36.00		Pass	

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

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

2.4GHz Band MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config	Peak PSD (dBm/3kHz)			DG (dBi)		Peak PSD Limit (dBm/3kHz)		Pass/Fail
						Ant 4	Ant 5	Worse + 3.01	Ant 4	Ant 5	Ant 4	Ant 5	
HE20	MCS0	2	1	2412	Full	-6.84	-7.42	-3.83	2.36		8.00		Pass
HE20	MCS0	2	1	2412	26/0	-7.17	-7.57	-4.16	2.36		8.00		Pass
HE20	MCS0	2	1	2412	52/37	-7.05	-7.70	-4.04	2.36		8.00		Pass
HE20	MCS0	2	1	2412	106/53	-7.00	-7.79	-3.99	2.36		8.00		Pass
HE20	MCS0	2	6	2437	Full	-4.64	-5.32	-1.63	2.36		8.00		Pass
HE20	MCS0	2	6	2437	26/4	-4.98	-5.35	-1.97	2.36		8.00		Pass
HE20	MCS0	2	6	2437	52/39	-5.03	-5.76	-2.02	2.36		8.00		Pass
HE20	MCS0	2	6	2437	106/53	-4.98	-5.43	-1.97	2.36		8.00		Pass
HE20	MCS0	2	11	2462	Full	-7.70	-7.59	-4.58	2.36		8.00		Pass
HE20	MCS0	2	11	2462	26/8	-7.80	-7.63	-4.62	2.36		8.00		Pass
HE20	MCS0	2	11	2462	52/40	-7.95	-7.79	-4.78	2.36		8.00		Pass
HE20	MCS0	2	11	2462	106/54	-8.29	-8.15	-5.14	2.36		8.00		Pass
HE40	MCS0	2	3	2422	Full	-9.84	-11.28	-6.83	2.36		8.00		Pass
HE40	MCS0	2	3	2422	242/61	-10.27	-11.37	-7.26	2.36		8.00		Pass
HE40	MCS0	2	6	2437	Full	-7.10	-7.73	-4.09	2.36		8.00		Pass
HE40	MCS0	2	6	2437	242/61	-7.37	-7.80	-4.36	2.36		8.00		Pass
HE40	MCS0	2	9	2452	Full	-10.59	-9.72	-6.71	2.36		8.00		Pass
HE40	MCS0	2	9	2452	242/62	-10.67	-10.09	-7.08	2.36		8.00		Pass

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



&lt;Camera Mode&gt;

**TEST RESULTS DATA**  
**6dB and 99% Occupied Bandwidth**

2.4GHz Band MIMO										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Occupied BW (MHz)		6dB BW (MHz)		6dB BW Limit (MHz)	Pass/Fail
					Ant 6	Ant 5	Ant 6	Ant 5		
11b	1Mbps	2	1	2412	14.14	13.14	9.02	8.06	0.50	Pass
11b	1Mbps	2	6	2437	13.04	13.19	8.04	8.04	0.50	Pass
11b	1Mbps	2	11	2462	17.53	13.39	11.06	8.06	0.50	Pass

**TEST RESULTS DATA**  
**Average Output Power**

2.4GHz Band MIMO																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			Conducted Power Limit (dBm)		DG (dBi)		EIRP Power (dBm)		EIRP Power Limit (dBm)		Pass /Fail
					Ant 6	Ant 5	SUM	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	
11b	1Mbps	2	1	2412	18.50	20.70	22.75	30.00		2.70		25.45		36.00		Pass
11b	1Mbps	2	6	2437	18.90	20.30	22.67	30.00		2.70		25.37		36.00		Pass
11b	1Mbps	2	11	2462	19.40	21.00	23.28	30.00		2.70		25.98		36.00		Pass
11g	6Mbps	2	1	2412	16.50	17.60	20.10	30.00		2.70		22.80		36.00		Pass
11g	6Mbps	2	6	2437	18.60	21.80	23.50	30.00		2.70		26.20		36.00		Pass
11g	6Mbps	2	11	2462	15.20	16.40	18.85	30.00		2.70		21.55		36.00		Pass
HT20	MCS0	2	1	2412	16.50	17.60	20.10	30.00		2.70		22.80		36.00		Pass
HT20	MCS0	2	6	2437	18.60	21.80	23.50	30.00		2.70		26.20		36.00		Pass
HT20	MCS0	2	11	2462	15.20	16.40	18.85	30.00		2.70		21.55		36.00		Pass
HT40	MCS0	2	3	2422	14.90	15.90	18.44	30.00		2.70		21.14		36.00		Pass
HT40	MCS0	2	6	2437	19.30	21.40	23.49	30.00		2.70		26.19		36.00		Pass
HT40	MCS0	2	9	2452	13.80	15.80	17.92	30.00		2.70		20.62		36.00		Pass
VHT20	MCS0	2	1	2412	16.50	17.60	20.10	30.00		2.70		22.80		36.00		Pass
VHT20	MCS0	2	6	2437	18.60	21.80	23.50	30.00		2.70		26.20		36.00		Pass
VHT20	MCS0	2	11	2462	15.20	16.40	18.85	30.00		2.70		21.55		36.00		Pass
VHT40	MCS0	2	3	2422	14.90	15.90	18.44	30.00		2.70		21.14		36.00		Pass
VHT40	MCS0	2	6	2437	19.30	21.50	23.55	30.00		2.70		26.25		36.00		Pass
VHT40	MCS0	2	9	2452	13.80	15.80	17.92	30.00		2.70		20.62		36.00		Pass

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

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

2.4GHz Band MIMO												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Peak PSD (dBm/3kHz)			DG (dBi)		Peak PSD Limit (dBm/3kHz)		Pass/Fail
					Ant 6	Ant 5	Worse + 3.01	Ant 6	Ant 5	Ant 6	Ant 5	
11b	1Mbps	2	1	2412	-3.95	-1.47	1.54	4.14		8.00		Pass
11b	1Mbps	2	6	2437	-4.37	-2.94	0.07	4.14		8.00		Pass
11b	1Mbps	2	11	2462	-5.80	-3.39	-0.38	4.14		8.00		Pass

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

**TEST RESULTS DATA**  
**6dB and 99% Occupied Bandwidth**

2.4GHz Band MIMO											
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config	99% Occupied BW (MHz)		6dB BW (MHz)		6dB BW Limit (MHz)	Pass/Fail
						Ant 6	Ant 5	Ant 6	Ant 5		
HE20	MCS0	2	1	2412	Full	18.88	18.93	16.92	18.84	0.50	Pass
HE20	MCS0	2	6	2437	Full	28.77	19.03	18.94	18.82	0.50	Pass
HE20	MCS0	2	11	2462	Full	18.88	18.93	17.92	19.00	0.50	Pass
HE40	MCS0	2	3	2422	Full	37.66	37.96	35.12	37.72	0.50	Pass
HE40	MCS0	2	6	2437	Full	51.85	38.06	38.32	36.48	0.50	Pass
HE40	MCS0	2	9	2452	Full	37.56	37.86	34.80	35.96	0.50	Pass

**TEST RESULTS DATA**  
**Average Output Power**

2.4GHz Band MIMO																	
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config	Average Conducted Power (dBm)			Conducted Power Limit (dBm)		DG (dBi)		EIRP Power (dBm)		EIRP Power Limit (dBm)		Pass /Fail
						Ant 6	Ant 5	SUM	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	
HE20	MCS0	2	1	2412	Full	16.50	17.70	20.15	30.00		2.70		22.85		36.00	Pass	
HE20	MCS0	2	1	2412	26/0	7.00	8.60	10.88	30.00		2.70		13.58		36.00	Pass	
HE20	MCS0	2	1	2412	52/37	9.30	11.90	13.80	30.00		2.70		16.50		36.00	Pass	
HE20	MCS0	2	1	2412	106/53	12.40	14.60	16.65	30.00		2.70		19.35		36.00	Pass	
HE20	MCS0	2	6	2437	Full	18.70	21.90	23.60	30.00		2.70		26.30		36.00	Pass	
HE20	MCS0	2	6	2437	26/4	10.80	13.00	15.05	30.00		2.70		17.75		36.00	Pass	
HE20	MCS0	2	6	2437	52/39	12.60	15.00	16.97	30.00		2.70		19.67		36.00	Pass	
HE20	MCS0	2	6	2437	106/53	15.20	17.00	19.20	30.00		2.70		21.90		36.00	Pass	
HE20	MCS0	2	11	2462	Full	15.30	16.50	18.95	30.00		2.70		21.65		36.00	Pass	
HE20	MCS0	2	11	2462	26/8	4.80	8.30	9.90	30.00		2.70		12.60		36.00	Pass	
HE20	MCS0	2	11	2462	52/40	7.30	10.70	12.33	30.00		2.70		15.03		36.00	Pass	
HE20	MCS0	2	11	2462	106/54	10.50	12.50	14.62	30.00		2.70		17.32		36.00	Pass	
HE40	MCS0	2	3	2422	Full	15.00	15.90	18.48	30.00		2.70		21.18		36.00	Pass	
HE40	MCS0	2	3	2422	242/61	13.40	13.90	16.67	30.00		2.70		19.37		36.00	Pass	
HE40	MCS0	2	6	2437	Full	19.40	21.50	23.59	30.00		2.70		26.29		36.00	Pass	
HE40	MCS0	2	6	2437	242/61	16.90	18.30	20.67	30.00		2.70		23.37		36.00	Pass	
HE40	MCS0	2	9	2452	Full	13.90	15.90	18.02	30.00		2.70		20.72		36.00	Pass	
HE40	MCS0	2	9	2452	242/62	11.40	12.40	14.94	30.00		2.70		17.64		36.00	Pass	

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

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

2.4GHz Band MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config	Peak PSD (dBm/3kHz)			DG (dBi)		Peak PSD Limit (dBm/3kHz)		Pass/Fail
						Ant 6	Ant 5	Worse + 3.01	Ant 6	Ant 5	Ant 6	Ant 5	
HE20	MCS0	2	1	2412	Full	-8.78	-8.33	-5.32	4.14		8.00		Pass
HE20	MCS0	2	1	2412	26/0	-9.34	-8.72	-5.71	4.14		8.00		Pass
HE20	MCS0	2	1	2412	52/37	-9.07	-8.53	-5.52	4.14		8.00		Pass
HE20	MCS0	2	1	2412	106/53	-9.42	-8.39	-5.38	4.14		8.00		Pass
HE20	MCS0	2	6	2437	Full	-6.99	-3.51	-0.50	4.14		8.00		Pass
HE20	MCS0	2	6	2437	26/4	-7.00	-3.97	-0.96	4.14		8.00		Pass
HE20	MCS0	2	6	2437	52/39	-7.19	-3.93	-0.92	4.14		8.00		Pass
HE20	MCS0	2	6	2437	106/53	-7.23	-4.31	-1.30	4.14		8.00		Pass
HE20	MCS0	2	11	2462	Full	-10.68	-9.07	-6.06	4.14		8.00		Pass
HE20	MCS0	2	11	2462	26/8	-10.88	-9.17	-6.16	4.14		8.00		Pass
HE20	MCS0	2	11	2462	52/40	-11.28	-9.21	-6.20	4.14		8.00		Pass
HE20	MCS0	2	11	2462	106/54	-10.83	-9.42	-6.41	4.14		8.00		Pass
HE40	MCS0	2	3	2422	Full	-11.33	-11.52	-8.32	4.14		8.00		Pass
HE40	MCS0	2	3	2422	242/61	-11.44	-11.72	-8.43	4.14		8.00		Pass
HE40	MCS0	2	6	2437	Full	-8.26	-6.40	-3.39	4.14		8.00		Pass
HE40	MCS0	2	6	2437	242/61	-8.64	-7.17	-4.16	4.14		8.00		Pass
HE40	MCS0	2	9	2452	Full	-14.10	-12.38	-9.37	4.14		8.00		Pass
HE40	MCS0	2	9	2452	242/62	-14.67	-12.49	-9.48	4.14		8.00		Pass

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



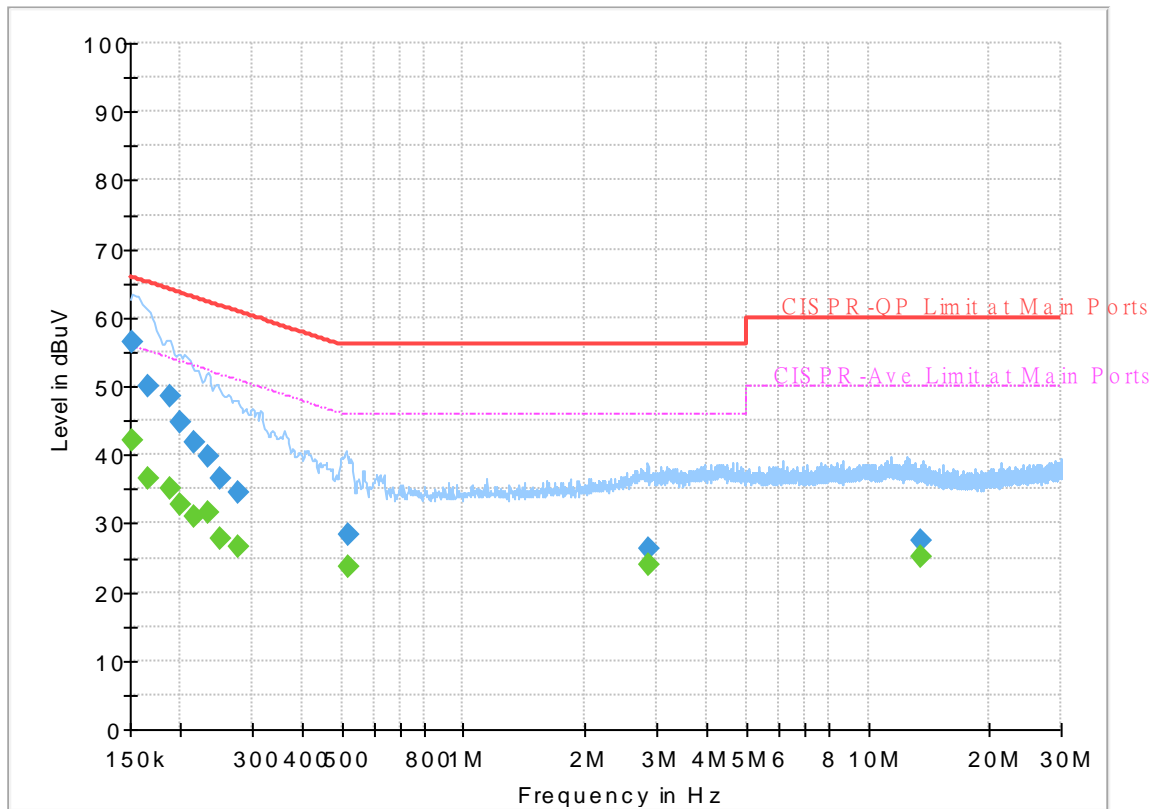
## Appendix B. AC Conducted Emission Test Results

Test Engineer :	Tom Lee and Howard Huang	Temperature :	23~26°C
		Relative Humidity :	40~50%

# EUT Information

Report NO : 082114  
 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	---	42.23	55.88	13.65	L1	OFF	19.6
0.152250	56.56	---	65.88	9.32	L1	OFF	19.6
0.165750	---	36.63	55.17	18.54	L1	OFF	19.6
0.165750	50.01	---	65.17	15.16	L1	OFF	19.6
0.188250	---	35.02	54.11	19.09	L1	OFF	19.6
0.188250	48.42	---	64.11	15.69	L1	OFF	19.6
0.199500	---	32.66	53.63	20.97	L1	OFF	19.6
0.199500	44.81	---	63.63	18.82	L1	OFF	19.6
0.215610	---	30.90	52.99	22.09	L1	OFF	19.5
0.215610	41.80	---	62.99	21.19	L1	OFF	19.5
0.232800	---	31.51	52.35	20.84	L1	OFF	19.5
0.232800	39.73	---	62.35	22.62	L1	OFF	19.5
0.250890	---	27.66	51.73	24.07	L1	OFF	19.5
0.250890	36.42	---	61.73	25.31	L1	OFF	19.5
0.277980	---	26.56	50.88	24.32	L1	OFF	19.5
0.277980	34.64	---	60.88	26.24	L1	OFF	19.5
0.516750	---	23.79	46.00	22.21	L1	OFF	19.5
0.516750	28.46	---	56.00	27.54	L1	OFF	19.5
2.856750	---	24.07	46.00	21.93	L1	OFF	19.7
2.856750	26.36	---	56.00	29.64	L1	OFF	19.7
13.560000	---	25.19	50.00	24.81	L1	OFF	20.1

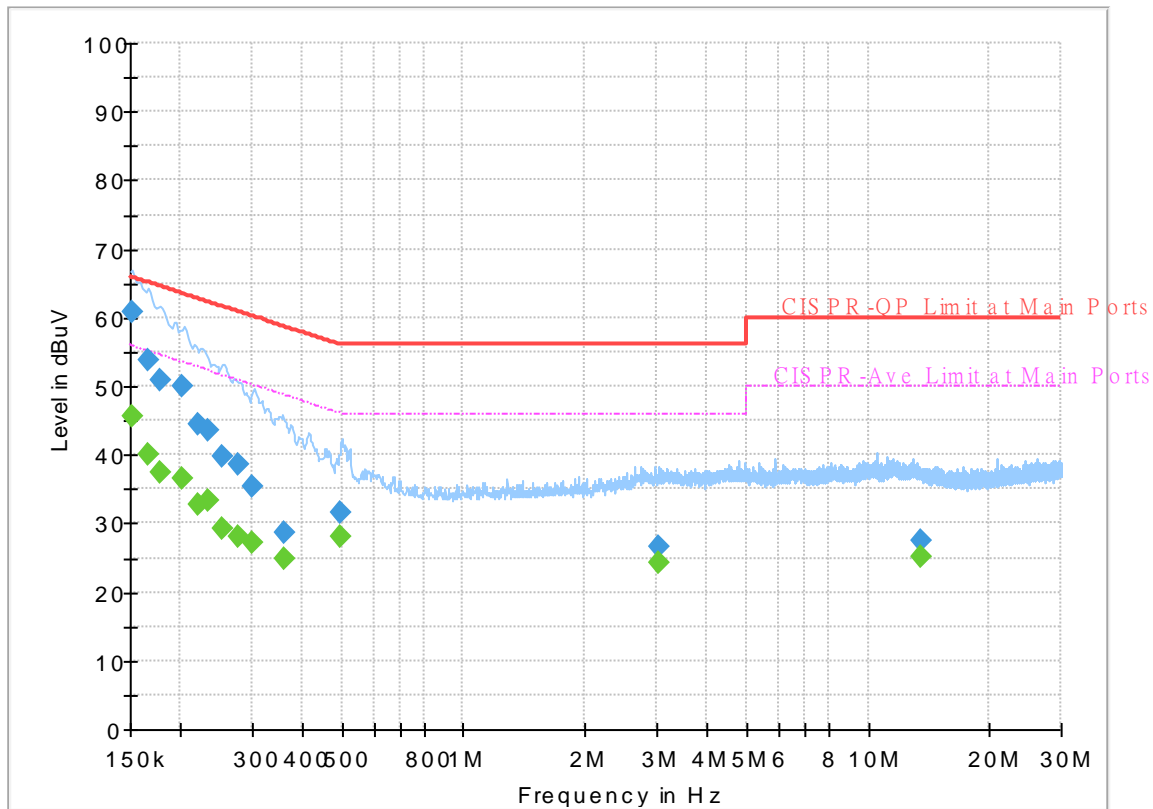


13.560000	27.41	---	60.00	32.59	L1	OFF	20.1
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# EUT Information

Report NO : 082114  
 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	---	45.68	55.88	10.20	N	OFF	19.6
0.152250	60.96	---	65.88	4.92	N	OFF	19.6
0.165660	---	39.92	55.18	15.26	N	OFF	19.6
0.165660	53.69	---	65.18	11.49	N	OFF	19.6
0.177900	---	37.43	54.58	17.15	N	OFF	19.6
0.177900	51.00	---	64.58	13.58	N	OFF	19.6
0.201120	---	36.63	53.56	16.93	N	OFF	19.6
0.201120	49.86	---	63.56	13.70	N	OFF	19.6
0.222000	---	32.62	52.74	20.12	N	OFF	19.6
0.222000	44.41	---	62.74	18.33	N	OFF	19.6
0.233790	---	33.37	52.31	18.94	N	OFF	19.6
0.233790	43.44	---	62.31	18.87	N	OFF	19.6
0.253230	---	29.28	51.65	22.37	N	OFF	19.6
0.253230	39.84	---	61.65	21.81	N	OFF	19.6
0.277350	---	28.19	50.90	22.71	N	OFF	19.6
0.277350	38.66	---	60.90	22.24	N	OFF	19.6
0.300750	---	27.15	50.22	23.07	N	OFF	19.6
0.300750	35.34	---	60.22	24.88	N	OFF	19.6
0.361500	---	24.77	48.69	23.92	N	OFF	19.6
0.361500	28.76	---	58.69	29.93	N	OFF	19.6
0.498390	---	28.10	46.03	17.93	N	OFF	19.6

<b>0.498390</b>	<b>31.54</b>	<b>---</b>	<b>56.03</b>	<b>24.49</b>	<b>N</b>	<b>OFF</b>	<b>19.6</b>
<b>3.045750</b>	<b>---</b>	<b>24.24</b>	<b>46.00</b>	<b>21.76</b>	<b>N</b>	<b>OFF</b>	<b>19.7</b>
<b>3.045750</b>	<b>26.66</b>	<b>---</b>	<b>56.00</b>	<b>29.34</b>	<b>N</b>	<b>OFF</b>	<b>19.7</b>
<b>13.560000</b>	<b>---</b>	<b>25.26</b>	<b>50.00</b>	<b>24.74</b>	<b>N</b>	<b>OFF</b>	<b>20.2</b>
<b>13.560000</b>	<b>27.53</b>	<b>---</b>	<b>60.00</b>	<b>32.47</b>	<b>N</b>	<b>OFF</b>	<b>20.2</b>



### Appendix C. Radiated Spurious Emission

Test Engineer :	Leo Lee, Mancy Chou and Bigshow Wang	Temperature :	22.5~24.2°C
		Relative Humidity :	44~57%

<Normal Mode>

2.4GHz 2400~2483.5MHz

WIFI 802.11b (Band Edge @ 3m)

WIFI Ant.	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( 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		2389.485	54.75	-19.25	74	41.57	27.54	16.56	30.92	112	256	P	H	
		2390	43.91	-10.09	54	30.73	27.54	16.56	30.92	112	256	A	H	
	*	2412	110.18	-	-	96.99	27.5	16.6	30.91	112	256	P	H	
	*	2412	107.08	-	-	93.89	27.5	16.6	30.91	112	256	A	H	
													H	
			2347.485	54.97	-19.03	74	41.7	27.71	16.49	30.93	378	12	P	V
			2390.01	43.67	-106.33	150	30.49	27.54	16.56	30.92	378	12	A	V
	*		2410	108.66	-	-	95.47	27.5	16.6	30.91	378	12	P	V
	*		2412	105.54	-	-	92.35	27.5	16.6	30.91	378	12	A	V
														V
802.11b CH 06 2437MHz		2349.2	55.62	-18.38	74	42.35	27.7	16.5	30.93	108	283	P	H	
		2343.44	44.05	-9.95	54	30.79	27.71	16.49	30.94	108	283	A	H	
	*	2437	111.36	-	-	98.12	27.5	16.64	30.9	108	283	P	H	
	*	2437	108.36	-	-	95.12	27.5	16.64	30.9	108	283	A	H	
			2488.93	56.24	-17.76	74	42.97	27.42	16.72	30.87	108	283	P	H
			2484.34	44.17	-9.83	54	30.91	27.43	16.71	30.88	108	283	A	H
			2366.48	54.98	-19.02	74	41.76	27.63	16.52	30.93	372	14	P	V
			2332.72	43.87	-10.13	54	30.61	27.73	16.47	30.94	372	14	A	V
	*		2437	109.97	-	-	96.73	27.5	16.64	30.9	372	14	P	V
	*		2437	106.94	-	-	93.7	27.5	16.64	30.9	372	14	A	V
			2489.56	55.05	-18.95	74	41.78	27.42	16.72	30.87	372	14	P	V
			2485.15	43.95	-10.05	54	30.69	27.43	16.71	30.88	372	14	A	V



<b>802.11b CH 11 2462MHz</b>	*	2462	111.02	-	-	97.75	27.48	16.68	30.89	109	284	P	H
	*	2462	107.88	-	-	94.61	27.48	16.68	30.89	109	284	A	H
		2483.72	56.82	-17.18	74	43.56	27.43	16.71	30.88	109	284	P	H
		2483.52	48.12	-5.88	54	34.86	27.43	16.71	30.88	109	284	A	H
													H
													H
	*	2462	109.56	-	-	96.29	27.48	16.68	30.89	400	15	P	V
	*	2462	106.4	-	-	93.13	27.48	16.68	30.89	400	15	A	V
		2488.56	57.65	-16.35	74	44.38	27.42	16.72	30.87	400	15	P	V
		2490.28	47.3	-6.7	54	34.03	27.42	16.72	30.87	400	15	A	V
													V
													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. 4+5	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( 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	47.12	-26.88	74	65.04	31.1	10.07	59.09	100	0	P	H	
													H	
													H	
													H	
			4824	44.12	-29.88	74	62.04	31.1	10.07	59.09	100	0	P	V
														V
														V
802.11b CH 06 2437MHz		4874	45.05	-28.95	74	63.01	31.05	10.11	59.12	100	0	P	H	
		7311	48.64	-25.36	74	58.59	36.3	12.31	58.56	100	50	P	H	
		7311	40.76	-13.24	54	50.71	36.3	12.31	58.56	100	50	A	H	
		12186	49.27	-24.73	74	56.79	38.81	15.36	61.69	100	287	P	H	
		4874	43.43	-30.57	74	61.39	31.05	10.11	59.12	100	0	P	V	
		7311	49.21	-24.79	74	59.16	36.3	12.31	58.56	100	268	P	V	
		7311	42.3	-11.7	54	52.25	36.3	12.31	58.56	100	268	A	V	
		12185	53.17	-20.83	74	60.69	38.81	15.36	61.69	100	292	P	V	
802.11b CH 11 2462MHz		4924	43.2	-30.8	74	61.11	31.1	10.14	59.15	100	0	P	H	
		7386	47.42	-26.58	74	57.23	36.3	12.35	58.46	100	51	P	H	
		7386	39.07	-14.93	54	48.88	36.3	12.35	58.46	100	51	A	H	
		12310	50.42	-23.58	74	58.32	38.47	15.44	61.81	100	288	P	H	
		4924	42.87	-31.13	74	60.78	31.1	10.14	59.15	100	0	P	V	
		7386	47.78	-26.22	74	57.59	36.3	12.35	58.46	100	263	P	V	
		7386	40.07	-13.93	54	49.88	36.3	12.35	58.46	100	263	A	V	
		12310	53.03	-20.97	74	60.93	38.47	15.44	61.81	100	293	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 802.11 ax HE20 Full (Band Edge @ 3m)

WIFI Ant. 4+5	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )	
802.11ax HE20 Full CH 01 2412MHz		2389.59	61.68	-12.32	74	48.5	27.54	16.56	30.92	118	282	P	H	
		2390	51.52	-2.48	54	38.34	27.54	16.56	30.92	118	282	A	H	
	*	2412	111.84	-	-	98.65	27.5	16.6	30.91	118	282	P	H	
	*	2412	101.41	-	-	88.22	27.5	16.6	30.91	118	282	A	H	
													H	
														H
			2389.38	55	-19	74	41.82	27.54	16.56	30.92	374	50	P	V
			2390	45.5	-8.5	54	32.32	27.54	16.56	30.92	374	50	A	V
		*	2412	110.26	-	-	97.07	27.5	16.6	30.91	374	50	P	V
		*	2412	101.24	-	-	88.05	27.5	16.6	30.91	374	50	A	V
8802.11ax HE20 Full CH 11 2462MHz													V	
													V	
		*	2462	109.06	-	-	95.79	27.48	16.68	30.89	100	286	P	H
		*	2462	100.94	-	-	87.67	27.48	16.68	30.89	100	286	A	H
			2483.52	64.1	-9.9	74	50.84	27.43	16.71	30.88	100	286	P	H
			2483.52	51.33	-2.67	54	38.07	27.43	16.71	30.88	100	286	A	H
														H
														H
		*	2462	109.56	-	-	96.29	27.48	16.68	30.89	400	52	P	V
		*	2462	101.41	-	-	88.14	27.48	16.68	30.89	400	52	A	V
		2483.52	61.19	-12.81	74	47.93	27.43	16.71	30.88	400	52	P	V	
		2483.52	49.11	-4.89	54	35.85	27.43	16.71	30.88	400	52	A	V	
													V	
													V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



2.4GHz 2400~2483.5MHz

WIFI 802.11ax HE20 Partial 106 (Band Edge @ 3m)

WIFI Ant. 4+5	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )	
802.11ax HE20 Partial 106/53 CH 01 2412MHz		2329.11	55.45	-18.55	74	42.19	27.74	16.46	30.94	105	102	P	H	
		2388.54	43.76	-10.24	54	30.57	27.55	16.56	30.92	105	102	A	H	
	*	2412	110.33	-	-	97.14	27.5	16.6	30.91	105	102	P	H	
	*	2412	101.18	-	-	87.99	27.5	16.6	30.91	105	102	A	H	
													H	
														H
			2329.845	55.47	-18.53	74	42.21	27.74	16.46	30.94	367	175	P	V
			2345.49	43.81	-10.19	54	30.54	27.71	16.49	30.93	367	175	A	V
	*		2412	106.51	-	-	93.32	27.5	16.6	30.91	367	175	P	V
	*		2412	97.59	-	-	84.4	27.5	16.6	30.91	367	175	A	V
													V	
													V	
802.11ax HE20 Partial 106/54 CH 11 2462MHz	*	2462	110.73	-	-	97.46	27.48	16.68	30.89	100	114	P	H	
	*	2462	101.27	-	-	88	27.48	16.68	30.89	100	114	A	H	
			2483.72	57.98	-16.02	74	44.72	27.43	16.71	30.88	100	114	P	H
			2483.52	44.22	-9.78	54	30.96	27.43	16.71	30.88	100	114	A	H
														H
														H
	*		2462	108.12	-	-	94.85	27.48	16.68	30.89	400	246	P	V
	*		2462	99.5	-	-	86.23	27.48	16.68	30.89	400	246	A	V
			2492.64	56.48	-17.52	74	43.22	27.41	16.72	30.87	400	246	P	V
			2483.6	44.01	-9.99	54	30.75	27.43	16.71	30.88	400	246	A	V
													V	
													V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													





2.4GHz 2400~2483.5MHz

WIFI 802.11 ax HE40 Full (Band Edge @ 3m)

WIFI Ant. 4+5	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11ax HE40 Full CH 03 2422MHz		2388.88	62.63	-11.37	74	49.45	27.54	16.56	30.92	139	293	P	H
		2390	50.56	-3.44	54	37.38	27.54	16.56	30.92	139	293	A	H
	*	2422	105.93	-	-	92.72	27.5	16.61	30.9	139	293	P	H
	*	2422	97.8	-	-	84.59	27.5	16.61	30.9	139	293	A	H
		2488.66	54.62	-19.38	74	41.35	27.42	16.72	30.87	139	293	P	H
		2483.53	44.35	-9.65	54	31.09	27.43	16.71	30.88	139	293	A	H
		2389.84	55.42	-18.58	74	42.24	27.54	16.56	30.92	371	53	P	V
		2390	45.74	-8.26	54	32.56	27.54	16.56	30.92	371	53	A	V
	*	2422	106.07	-	-	92.86	27.5	16.61	30.9	371	53	P	V
	*	2422	97.35	-	-	84.14	27.5	16.61	30.9	371	53	A	V
		2485.69	54.1	-19.9	74	40.84	27.43	16.71	30.88	371	53	P	V
		2484.43	43.94	-10.06	54	30.68	27.43	16.71	30.88	371	53	A	V
802.11ax HE40 Full CH 09 2452MHz		2381.84	54.97	-19.03	74	41.77	27.57	16.55	30.92	139	295	P	H
		2390	44.44	-9.56	54	31.26	27.54	16.56	30.92	139	295	A	H
	*	2452	107.84	-	-	94.57	27.5	16.66	30.89	139	295	P	H
	*	2452	99.94	-	-	86.67	27.5	16.66	30.89	139	295	A	H
		2486.86	65.24	-8.76	74	51.98	27.43	16.71	30.88	139	295	P	H
		2483.53	51.71	-2.29	54	38.45	27.43	16.71	30.88	139	295	A	H
		2340.08	55.12	-18.88	74	41.86	27.72	16.48	30.94	367	55	P	V
		2343.76	43.82	-10.18	54	30.56	27.71	16.49	30.94	367	55	A	V
	*	2452	107.92	-	-	94.65	27.5	16.66	30.89	367	55	P	V
	*	2452	97.69	-	-	84.42	27.5	16.66	30.89	367	55	A	V
	2484.61	60.74	-13.26	74	47.48	27.43	16.71	30.88	367	55	P	V	
	2483.53	47.67	-6.33	54	34.41	27.43	16.71	30.88	367	55	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 802.11ax HE40 Partial 242 (Band Edge @ 3m)**

WIFI Ant. 4+5	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11ax HE40 Partial 242/61 CH 03 2422MHz		2389.68	61.2	-12.8	74	48.02	27.54	16.56	30.92	110	102	P	H
		2390	45.35	-8.65	54	32.17	27.54	16.56	30.92	110	102	A	H
	*	2422	108.19	-	-	94.98	27.5	16.61	30.9	110	102	P	H
	*	2422	99.77	-	-	86.56	27.5	16.61	30.9	110	102	A	H
		2483.8	56.26	-17.74	74	43	27.43	16.71	30.88	110	102	P	H
		2484.52	44.02	-9.98	54	30.76	27.43	16.71	30.88	110	102	A	H
		2311.12	55.28	-18.72	74	42.02	27.78	16.43	30.95	365	174	P	V
		2390	44.04	-9.96	54	30.86	27.54	16.56	30.92	365	174	A	V
	*	2422	106.23	-	-	93.02	27.5	16.61	30.9	365	174	P	V
	*	2422	95.81	-	-	82.6	27.5	16.61	30.9	365	174	A	V
	2493.16	55.09	-18.91	74	41.83	27.41	16.72	30.87	365	174	P	V	
	2487.49	43.82	-10.18	54	30.55	27.43	16.72	30.88	365	174	A	V	
802.11ax HE40 Partial 242/62 CH 09 2452MHz		2384.56	55.39	-18.61	74	42.2	27.56	16.55	30.92	100	101	P	H
		2353.68	43.79	-10.21	54	30.53	27.69	16.5	30.93	100	101	A	H
	*	2452	109.82	-	-	96.55	27.5	16.66	30.89	100	101	P	H
	*	2452	100.14	-	-	86.87	27.5	16.66	30.89	100	101	A	H
		2483.53	64.76	-9.24	74	51.5	27.43	16.71	30.88	100	101	P	H
		2483.53	46.85	-7.15	54	33.59	27.43	16.71	30.88	100	101	A	H
		2349.68	55.06	-18.94	74	41.79	27.7	16.5	30.93	400	173	P	V
		2342	43.75	-10.25	54	30.49	27.72	16.48	30.94	400	173	A	V
	*	2452	106.81	-	-	93.54	27.5	16.66	30.89	400	173	P	V
	*	2452	97.83	-	-	84.56	27.5	16.66	30.89	400	173	A	V
	2483.53	59.35	-14.65	74	46.09	27.43	16.71	30.88	400	173	P	V	
	2483.89	44.86	-9.14	54	31.6	27.43	16.71	30.88	400	173	A	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Emission below 1GHz  
2.4GHz WIFI 802.11ax HE40 (LF)**

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.	
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.		
4+5		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )	
<b>2.4GHz 802.11ax HE40 LF</b>		48.43	26.12	-13.88	40	42.2	15.39	0.9	32.37	-	-	P	H	
		93.05	27.61	-15.89	43.5	43.19	15.36	1.37	32.31	-	-	P	H	
		142.52	27.53	-15.97	43.5	40.76	17.58	1.7	32.51	-	-	P	H	
		265.71	26.82	-19.18	46	37.47	19.48	2.31	32.44	-	-	P	H	
		717.73	37.73	-8.27	46	39.74	26.78	3.63	32.42	-	-	P	H	
		896.21	38.32	-7.68	46	37.54	28.58	4.15	31.95	100	0	P	H	
														H
														H
														H
														H
														H
														H
														H
														H
														H
			48.43	32.75	-7.25	40	48.83	15.39	0.9	32.37	100	0	P	V
			92.08	26.61	-16.89	43.5	42.36	15.23	1.35	32.33	-	-	P	V
			713.85	36.69	-9.31	46	38.91	26.57	3.62	32.41	-	-	P	V
		746.83	35.3	-10.7	46	36.39	27.66	3.71	32.46	-	-	P	V	
		824.43	37.32	-8.68	46	37.41	27.83	3.97	31.89	-	-	P	V	
		896.21	37.52	-8.48	46	36.74	28.58	4.15	31.95	-	-	P	V	
													V	
													V	
													V	
													V	
													V	
													V	
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against limit line.													



<Camera Mode>

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

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.	
6+5		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )	
802.11b CH 01 2412MHz		2320.815	54.77	-19.23	74	41.51	27.76	16.45	30.95	338	0	P	H	
		2333.415	43.68	-10.32	54	30.42	27.73	16.47	30.94	338	0	A	H	
	*	2412	106.79	-	-	93.6	27.5	16.6	30.91	338	0	P	H	
	*	2412	103.66	-	-	90.47	27.5	16.6	30.91	338	0	A	H	
													H	
													H	
			2354.205	54.92	-19.08	74	41.67	27.68	16.5	30.93	310	316	P	V
			2390.01	43.81	-106.19	150	30.63	27.54	16.56	30.92	310	316	A	V
	*		2412	110.52	-	-	97.33	27.5	16.6	30.91	310	316	P	V
	*		2412	107.39	-	-	94.2	27.5	16.6	30.91	310	316	A	V
													V	
													V	
802.11b CH 06 2437MHz		2367.28	54.86	-19.14	74	41.63	27.63	16.53	30.93	377	1	P	H	
		2352.08	43.7	-10.3	54	30.44	27.69	16.5	30.93	377	1	A	H	
	*	2437	107.88	-	-	94.64	27.5	16.64	30.9	377	1	P	H	
	*	2437	104.85	-	-	91.61	27.5	16.64	30.9	377	1	A	H	
			2491.27	54.09	-19.91	74	40.82	27.42	16.72	30.87	377	1	P	H
			2485.78	43.72	-10.28	54	30.46	27.43	16.71	30.88	377	1	A	H
			2366.32	55.31	-18.69	74	42.09	27.63	16.52	30.93	304	315	P	V
			2357.04	43.75	-10.25	54	30.5	27.67	16.51	30.93	304	315	A	V
	*		2437	111.26	-	-	98.02	27.5	16.64	30.9	304	315	P	V
	*		2437	108.29	-	-	95.05	27.5	16.64	30.9	304	315	A	V
			2497.3	55.11	-18.89	74	41.84	27.41	16.73	30.87	304	315	P	V
			2485.96	43.99	-10.01	54	30.73	27.43	16.71	30.88	304	315	A	V



<b>802.11b</b> <b>CH 11</b> <b>2462MHz</b>	*	2462	108.08	-	-	94.81	27.48	16.68	30.89	364	3	P	H
	*	2462	104.98	-	-	91.71	27.48	16.68	30.89	364	3	A	H
		2487.16	55.54	-18.46	74	42.27	27.43	16.72	30.88	364	3	P	H
		2488	44.37	-9.63	54	31.11	27.42	16.72	30.88	364	3	A	H
													H
													H
	*	2462	111.66	-	-	98.39	27.48	16.68	30.89	342	310	P	V
	*	2462	108.53	-	-	95.26	27.48	16.68	30.89	342	310	A	V
		2487.8	55.75	-18.25	74	42.49	27.42	16.72	30.88	342	310	P	V
		2483.52	45.65	-8.35	54	32.39	27.43	16.71	30.88	342	310	A	V
													V
													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. 6+5	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( 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	48.14	-25.86	74	66.06	31.1	10.07	59.09	100	0	P	H	
													H	
													H	
													H	
			4824	47.41	-26.59	74	65.33	31.1	10.07	59.09	100	0	P	V
														V
														V
802.11b CH 06 2437MHz		4874	45.27	-28.73	74	63.23	31.05	10.11	59.12	100	0	P	H	
		7311	44.72	-29.28	74	54.67	36.3	12.31	58.56	100	0	P	H	
													H	
													H	
			4874	44.74	-29.26	74	62.7	31.05	10.11	59.12	100	0	P	V
			7311	44.69	-29.31	74	54.64	36.3	12.31	58.56	100	0	P	V
														V
802.11b CH 11 2462MHz		4924	44	-30	74	61.91	31.1	10.14	59.15	100	0	P	H	
		7386	45.04	-28.96	74	54.85	36.3	12.35	58.46	100	0	P	H	
													H	
													H	
			4924	44.87	-29.13	74	62.78	31.1	10.14	59.15	100	0	P	V
			7386	45.44	-28.56	74	55.25	36.3	12.35	58.46	100	0	P	V
														V
Remark	1. No other spurious found.													
	2. All results are PASS against Peak and Average limit line.													



2.4GHz 2400~2483.5MHz

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

WIFI Ant. 6+5	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )	
802.11ax HE20 Full CH 01 2412MHz		2389.38	62.9	-11.1	74	49.72	27.54	16.56	30.92	326	62	P	H	
		2389.8	46.63	-7.37	54	33.45	27.54	16.56	30.92	326	62	A	H	
	*	2412	112.59	-	-	99.4	27.5	16.6	30.91	326	62	P	H	
	*	2412	103.76	-	-	90.57	27.5	16.6	30.91	326	62	A	H	
													H	
													H	
			2389.695	61.07	-12.93	74	47.89	27.54	16.56	30.92	270	90	P	V
			2390	48.83	-5.17	54	35.65	27.54	16.56	30.92	270	90	A	V
		*	2412	113.18	-	-	99.99	27.5	16.6	30.91	270	90	P	V
		*	2412	104.22	-	-	91.03	27.5	16.6	30.91	270	90	A	V
8802.11ax HE20 Full CH 11 2462MHz													V	
													V	
		*	2462	107.27	-	-	94	27.48	16.68	30.89	321	52	P	H
		*	2462	98.33	-	-	85.06	27.48	16.68	30.89	321	52	A	H
			2483.84	59.11	-14.89	74	45.85	27.43	16.71	30.88	321	52	P	H
			2483.56	47.89	-6.11	54	34.63	27.43	16.71	30.88	321	52	A	H
														H
														H
		*	2462	109.62	-	-	96.35	27.48	16.68	30.89	336	350	P	V
		*	2462	101.13	-	-	87.86	27.48	16.68	30.89	336	350	A	V
		2483.64	64.18	-9.82	74	50.92	27.43	16.71	30.88	336	350	P	V	
		2483.52	50.06	-3.94	54	36.8	27.43	16.71	30.88	336	350	A	V	
													V	
													V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



**2.4GHz 2400~2483.5MHz  
WIFI 802.11ax HE20 Partial 106 (Band Edge @ 3m)**

WIFI Ant. 6+5	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )	
802.11ax HE20 Partial 106/53 CH 01 2412MHz		2389.695	59.08	-14.92	74	45.9	27.54	16.56	30.92	100	65	P	H	
		2390	44.17	-9.83	54	30.99	27.54	16.56	30.92	100	65	A	H	
	*	2412	109.92	-	-	96.73	27.5	16.6	30.91	100	65	P	H	
	*	2412	101.77	-	-	88.58	27.5	16.6	30.91	100	65	A	H	
													H	
														H
			2389.59	60.4	-13.6	74	47.22	27.54	16.56	30.92	202	69	P	V
			2390	44.41	-9.59	54	31.23	27.54	16.56	30.92	202	69	A	V
	*		2412	112.87	-	-	99.68	27.5	16.6	30.91	202	69	P	V
	*		2412	103.99	-	-	90.8	27.5	16.6	30.91	202	69	A	V
													V	
													V	
802.11ax HE20 Partial 106/54 CH 11 2462MHz	*	2462	108.87	-	-	95.6	27.48	16.68	30.89	100	50	P	H	
	*	2462	100.07	-	-	86.8	27.48	16.68	30.89	100	50	A	H	
		2494.96	55.66	-18.34	74	42.39	27.41	16.73	30.87	100	50	P	H	
		2486.68	44.15	-9.85	54	30.89	27.43	16.71	30.88	100	50	A	H	
														H
														H
	*	2462	108.85	-	-	95.58	27.48	16.68	30.89	193	69	P	V	
	*	2462	100.56	-	-	87.29	27.48	16.68	30.89	193	69	A	V	
			2483.8	55.41	-18.59	74	42.15	27.43	16.71	30.88	193	69	P	V
			2483.52	44.19	-9.81	54	30.93	27.43	16.71	30.88	193	69	A	V
													V	
													V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													





2.4GHz 2400~2483.5MHz

WIFI 802.11 ax HE40 Full (Band Edge @ 3m)

WIFI Ant. 6+5	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )	
802.11ax HE40 Full CH 03 2422MHz		2390	63.41	-10.59	74	50.23	27.54	16.56	30.92	140	51	P	H	
		2390	50.95	-3.05	54	37.77	27.54	16.56	30.92	140	51	A	H	
	*	2422	110.77	-	-	97.56	27.5	16.61	30.9	140	51	P	H	
	*	2422	100.56	-	-	87.35	27.5	16.61	30.9	140	51	A	H	
		2486.86	55.65	-18.35	74	42.39	27.43	16.71	30.88	140	51	P	H	
		2483.53	44.42	-9.58	54	31.16	27.43	16.71	30.88	140	51	A	H	
		2390	65.8	-8.2	74	52.62	27.54	16.56	30.92	247	84	P	V	
		2390	49.5	-4.5	54	36.32	27.54	16.56	30.92	247	84	A	V	
	*	2422	109.11	-	-	95.9	27.5	16.61	30.9	247	84	P	V	
	*	2422	99.73	-	-	86.52	27.5	16.61	30.9	247	84	A	V	
		2496.13	56.1	-17.9	74	42.83	27.41	16.73	30.87	247	84	P	V	
		2484.07	44.35	-9.65	54	31.09	27.43	16.71	30.88	247	84	A	V	
	802.11ax HE40 Full CH 09 2452MHz		2342	55.63	-18.37	74	42.37	27.72	16.48	30.94	115	54	P	H
			2389.84	44.22	-9.78	54	31.04	27.54	16.56	30.92	115	54	A	H
*		2452	110.07	-	-	96.8	27.5	16.66	30.89	115	54	P	H	
*		2452	100.68	-	-	87.41	27.5	16.66	30.89	115	54	A	H	
		2483.8	63.18	-10.82	74	49.92	27.43	16.71	30.88	115	54	P	H	
		2483.53	51.41	-2.59	54	38.15	27.43	16.71	30.88	115	54	A	H	
		2357.52	55.58	-18.42	74	42.33	27.67	16.51	30.93	201	73	P	V	
		2390	43.96	-10.04	54	30.78	27.54	16.56	30.92	201	73	A	V	
*		2452	108.31	-	-	95.04	27.5	16.66	30.89	201	73	P	V	
*		2452	99.09	-	-	85.82	27.5	16.66	30.89	201	73	A	V	
	2485.06	63.05	-10.95	74	49.79	27.43	16.71	30.88	201	73	P	V		
	2483.53	50.26	-3.74	54	37	27.43	16.71	30.88	201	73	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 802.11ax HE40 Partial 242 (Band Edge @ 3m)**

WIFI Ant. 6+5	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11ax HE40 Partial 242/61 CH 03 2422MHz		2389.68	61.64	-12.36	74	48.46	27.54	16.56	30.92	100	64	P	H
		2390	46.05	-7.95	54	32.87	27.54	16.56	30.92	100	64	A	H
	*	2422	109.46	-	-	96.25	27.5	16.61	30.9	100	64	P	H
	*	2422	100.04	-	-	86.83	27.5	16.61	30.9	100	64	A	H
		2485.51	56.06	-17.94	74	42.8	27.43	16.71	30.88	100	64	P	H
		2484.43	43.96	-10.04	54	30.7	27.43	16.71	30.88	100	64	A	H
		2389.84	64.24	-9.76	74	51.06	27.54	16.56	30.92	205	68	P	V
		2390	47.48	-6.52	54	34.3	27.54	16.56	30.92	205	68	A	V
	*	2422	111.12	-	-	97.91	27.5	16.61	30.9	205	68	P	V
	*	2422	101.3	-	-	88.09	27.5	16.61	30.9	205	68	A	V
		2484.25	59.26	-14.74	74	46	27.43	16.71	30.88	205	68	P	V
		2484.52	44	-10	54	30.74	27.43	16.71	30.88	205	68	A	V
802.11ax HE40 Partial 242/62 CH 09 2452MHz		2359.6	55.79	-18.21	74	42.55	27.66	16.51	30.93	100	50	P	H
		2390	43.93	-10.07	54	30.75	27.54	16.56	30.92	100	50	A	H
	*	2452	109.91	-	-	96.64	27.5	16.66	30.89	100	50	P	H
	*	2452	101.39	-	-	88.12	27.5	16.66	30.89	100	50	A	H
		2487.4	64.75	-9.25	74	51.48	27.43	16.72	30.88	100	50	P	H
		2483.53	47.62	-6.38	54	34.36	27.43	16.71	30.88	100	50	A	H
		2330.32	55.21	-18.79	74	41.94	27.74	16.47	30.94	231	90	P	V
		2389.84	44.02	-9.98	54	30.84	27.54	16.56	30.92	231	90	A	V
	*	2452	111.12	-	-	97.85	27.5	16.66	30.89	231	90	P	V
	*	2452	101.84	-	-	88.57	27.5	16.66	30.89	231	90	A	V
	2484.97	66.39	-7.61	74	53.13	27.43	16.71	30.88	231	90	P	V	
	2483.53	47.87	-6.13	54	34.61	27.43	16.71	30.88	231	90	A	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Emission below 1GHz  
2.4GHz WIFI 802.11ax HE40 (LF)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.	
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.		
6+5		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )	
2.4GHz 802.11ax HE40 LF		48.43	24.97	-15.03	40	41.05	15.39	0.9	32.37	-	-	P	H	
		94.02	27.11	-16.39	43.5	42.6	15.44	1.37	32.3	-	-	P	H	
		142.52	27.11	-16.39	43.5	40.34	17.58	1.7	32.51	-	-	P	H	
		267.65	26.86	-19.14	46	37.8	19.19	2.32	32.45	-	-	P	H	
		746.83	36.86	-9.14	46	37.95	27.66	3.71	32.46	-	-	P	H	
		894.27	38.59	-7.41	46	37.81	28.57	4.15	31.94	100	0	P	H	
														H
														H
														H
														H
														H
														H
														H
														H
														H
			48.43	32.36	-7.64	40	48.44	15.39	0.9	32.37	-	-	P	V
			92.08	24.66	-18.84	43.5	40.41	15.23	1.35	32.33	-	-	P	V
			158.04	21.17	-22.33	43.5	34.98	16.82	1.8	32.43	-	-	P	V
		262.8	20.73	-25.27	46	31.24	19.62	2.31	32.44	-	-	P	V	
		713.85	31.14	-14.86	46	33.36	26.57	3.62	32.41	-	-	P	V	
		903	39.58	-6.42	46	38.72	28.6	4.17	31.91	100	0	P	V	
													V	
													V	
													V	
													V	
													V	
													V	
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against limit line.													



**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	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
4+5		( 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		2390	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H
2412MHz													

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 :	Leo Lee, Mancy Chou and Bigshow Wang	Temperature :	22.5~24.2°C
		Relative Humidity :	44~57%

### Note symbol

-L	Low channel location
-R	High channel location

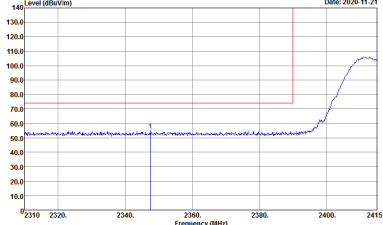
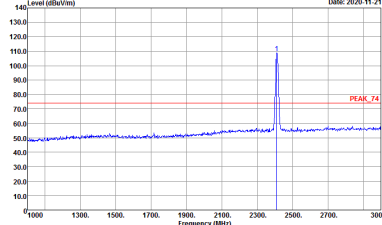
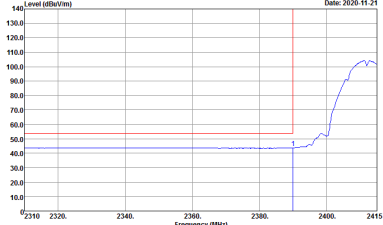
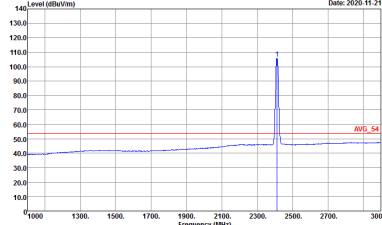


<Normal Mode>

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

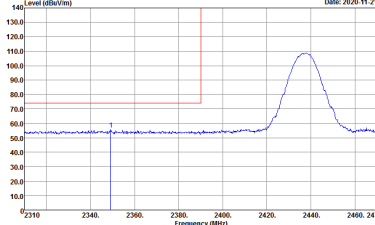
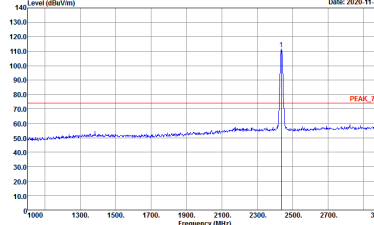
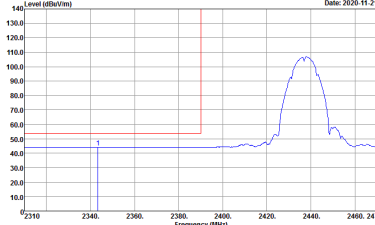
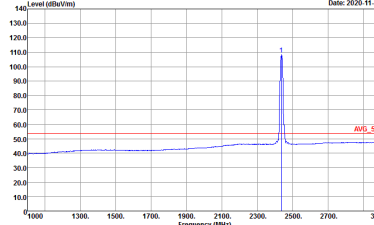
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH01 2412MHz	
4+5	Horizontal	Fundamental
Peak	<p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH15-HY Condition : PEAK_74 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	<p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	<p>Site : 03CH15-HY Condition : AVG_54 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH01 2412MHz	
4+5	Vertical	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK_74 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH15-HY Condition : AV6_BE_54 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : AV6_54 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>



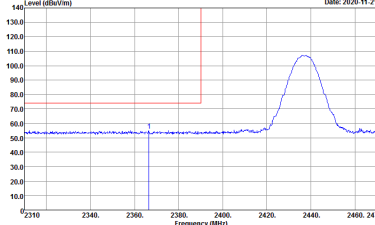
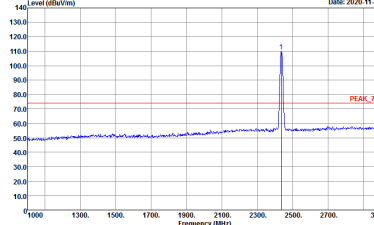
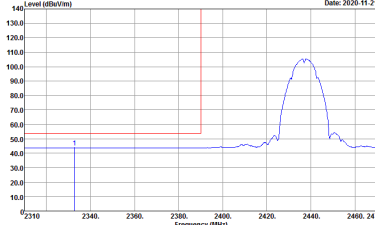
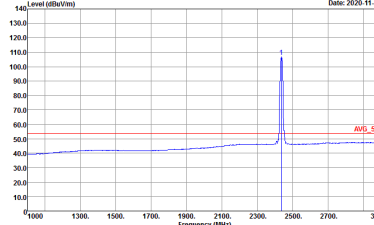


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - L	
4+5	Horizontal	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK_74 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH15-HY Condition : AV6_BE_54 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : AV6_54 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
4+5	Horizontal	Fundamental
Peak	<p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank
Avg.	<p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	Left blank

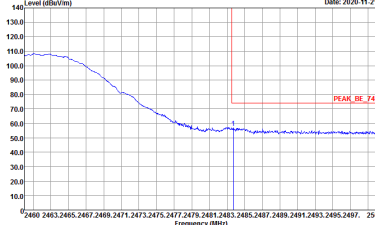
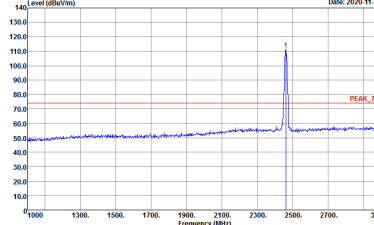
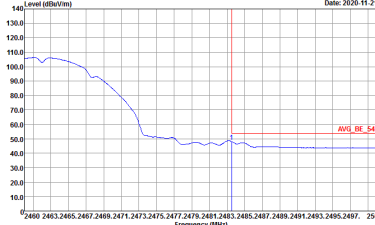
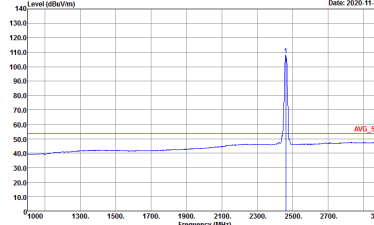


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - L	
4+5	Vertical	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK_74 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : AVG_54 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>

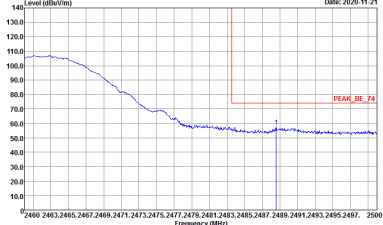
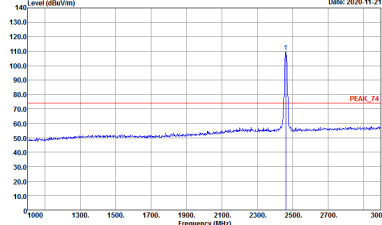
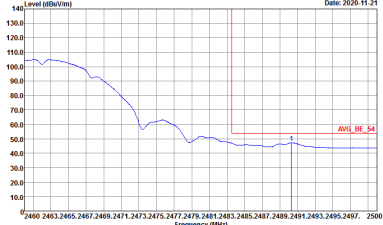
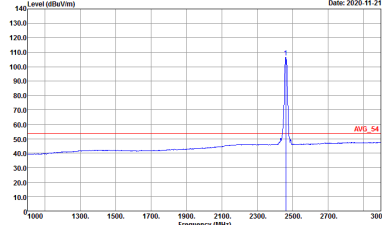


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
4+5	Vertical	Fundamental
Peak	<p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank
Avg.	<p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	Left blank



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH11 2462MHz	
4+5	Horizontal	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK_74 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH15-HY Condition : AV6_BE_54 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : AV6_54 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>

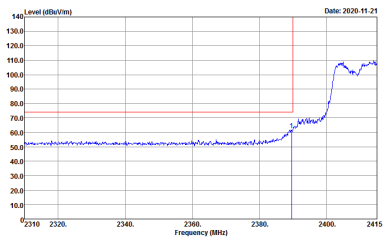
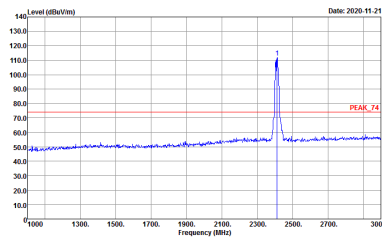
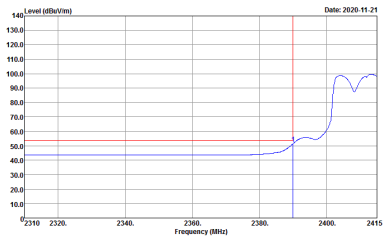
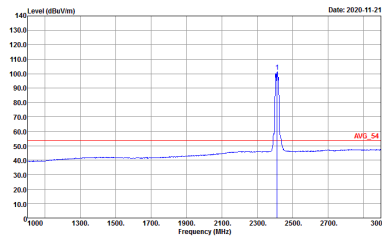


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH11 2462MHz	
4+5	Vertical	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK_74 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : AVG_54 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>

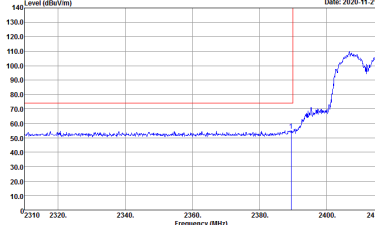
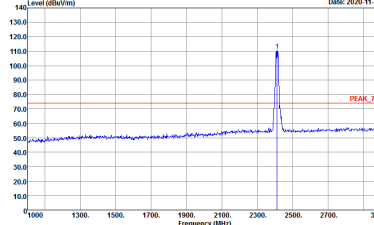
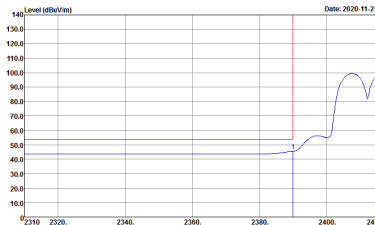
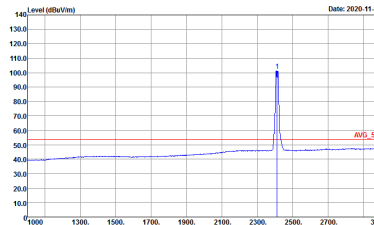


2.4GHz 2400~2483.5MHz

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

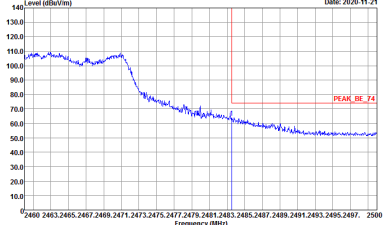
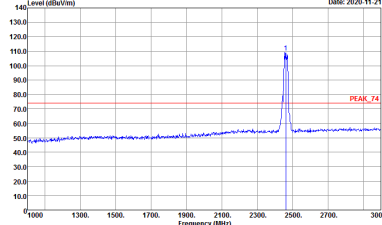
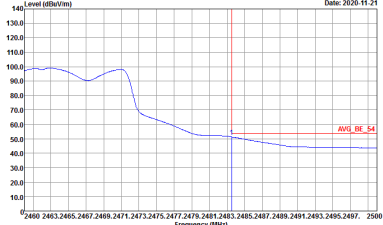
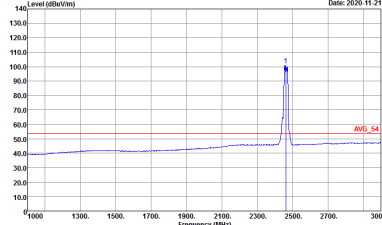
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH01 2412MHz	
4+5	Horizontal	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK_74 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : AVG_54 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>



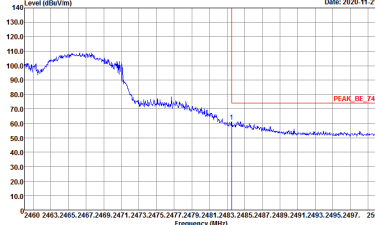
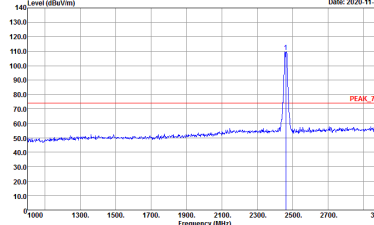
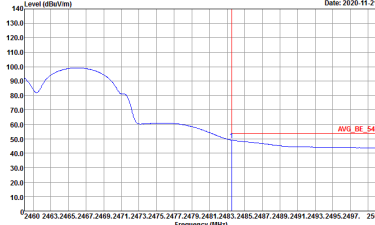
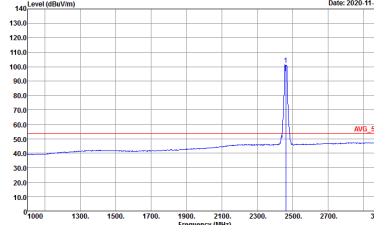
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH01 2412MHz	
4+5	Vertical	Fundamental
Peak	 <p>Date: 2020-11-21</p> <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Date: 2020-11-21</p> <p>Site : 03CH15-HY Condition : PEAK_74 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Date: 2020-11-21</p> <p>Site : 03CH15-HY Condition : AV6_BE_54 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	 <p>Date: 2020-11-21</p> <p>Site : 03CH15-HY Condition : AV6_54 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>





WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH11 2462MHz	
4+5	Horizontal	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK_74 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH15-HY Condition : AV6_BE_54 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : AV6_54 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH11 2462MHz	
4+5	Vertical	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK_74 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : AVG_54 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>



2.4GHz 2400~2483.5MHz

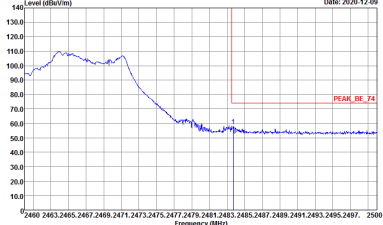
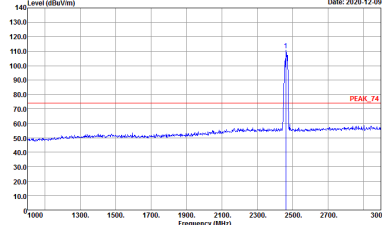
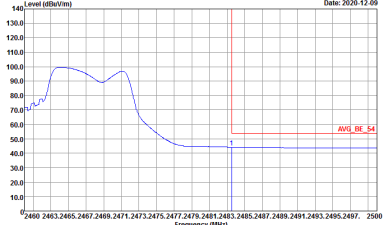
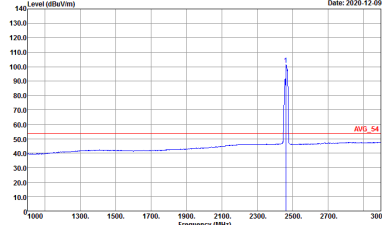
WIFI 802.11ax HE20 Partial 106 (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/53 CH01 2412MHz	
4+5	Horizontal	Fundamental
Peak	<p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	<p>Site : 03CH15-HY Condition : PEAK_74 3m 91200_15_1620 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	<p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	<p>Site : 03CH15-HY Condition : AVG_54 3m 91200_15_1620 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>

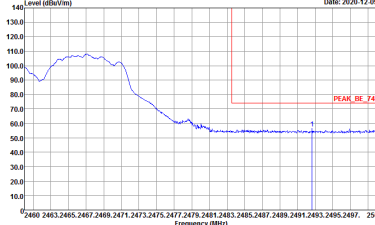
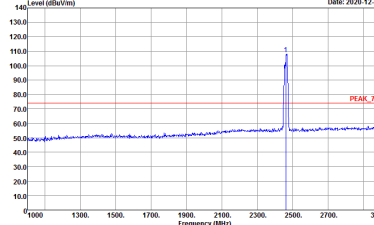
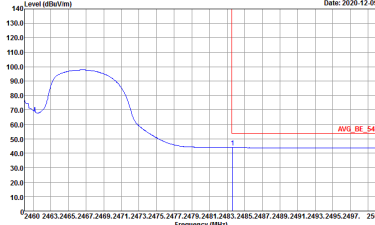
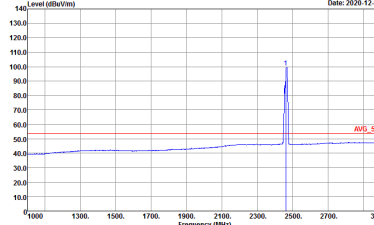


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/53 CH01 2412MHz	
4+5	Vertical	Fundamental
Peak	<p>Level (dBuV/m) vs Frequency (MHz) graph showing a peak at approximately 2412 MHz. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 2310 to 2415 MHz. A red horizontal line is drawn at approximately 75 dBuV/m. The plot shows a blue signal line that rises sharply at 2412 MHz and then levels off.</p> <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	<p>Level (dBuV/m) vs Frequency (MHz) graph showing a peak at approximately 2412 MHz. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 1600 to 3000 MHz. A red horizontal line is drawn at approximately 75 dBuV/m. The plot shows a blue signal line with a sharp peak at 2412 MHz, labeled 'PEAK_74'.</p> <p>Site : 03CH15-HY Condition : PEAK_74 3m 91200_15_1620 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	<p>Level (dBuV/m) vs Frequency (MHz) graph showing an average level at approximately 2412 MHz. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 2310 to 2415 MHz. A red horizontal line is drawn at approximately 50 dBuV/m. The plot shows a blue signal line that rises at 2412 MHz and then levels off.</p> <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto</p>	<p>Level (dBuV/m) vs Frequency (MHz) graph showing an average level at approximately 2412 MHz. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 1600 to 3000 MHz. A red horizontal line is drawn at approximately 50 dBuV/m. The plot shows a blue signal line with a peak at 2412 MHz, labeled 'AVG_54'.</p> <p>Site : 03CH15-HY Condition : AVG_54 3m 91200_15_1620 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto</p>



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/54 CH11 2462MHz	
4+5	Horizontal	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK_74 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : AVG_54 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>

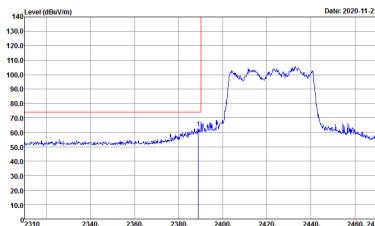
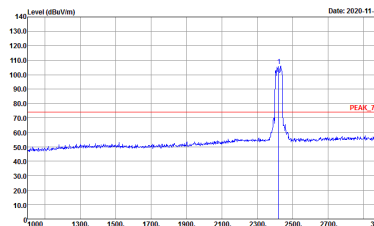
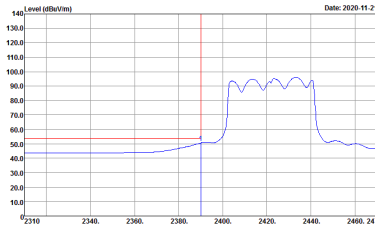
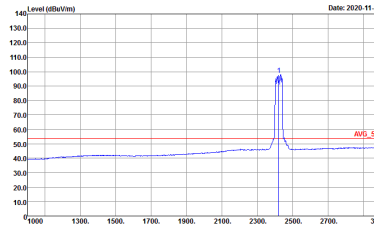


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/54 CH11 2462MHz	
4+5	Vertical	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK_74 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : AVG_54 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>

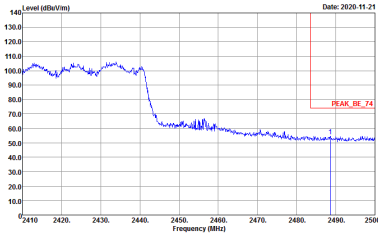
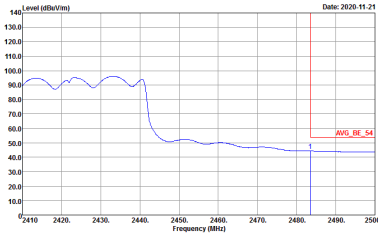


2.4GHz 2400~2483.5MHz

WIFI 802.11ax HE40 Full (Band Edge @ 3m)

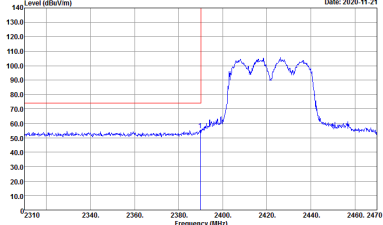
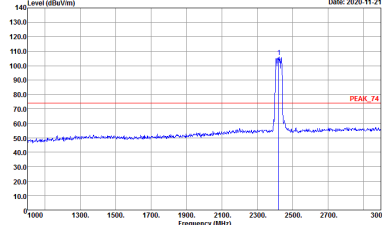
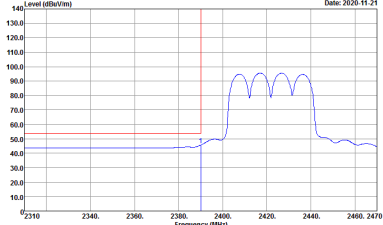
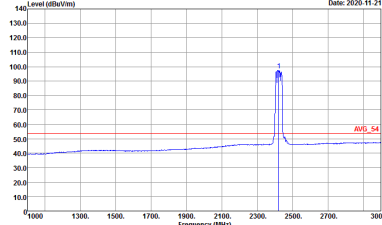
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH03 2422MHz - L	
4+5	Horizontal	Fundamental
Peak	 <p>Site : 03CHI5-HY Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CHI5-HY Condition : PEAK_74 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CHI5-HY Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	 <p>Site : 03CHI5-HY Condition : AVG_54 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH03 2422MHz - R	
4+5	Horizontal	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Left blank</p>
<p><b>Avg.</b></p>	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	<p>Left blank</p>





WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH03 2422MHz - L	
4+5	Vertical	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK_74 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH15-HY Condition : AV6_BE_54 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : AV6_54 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>

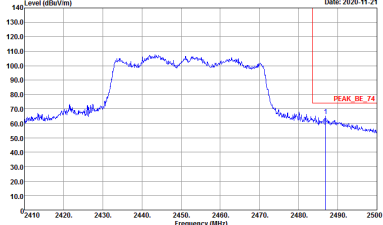
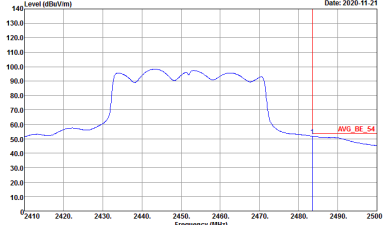


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH03 2422MHz - R	
4+5	Vertical	Fundamental
Peak	<p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank
Avg.	<p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	Left blank



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH09 2452MHz - L	
4+5	Horizontal	Fundamental
Peak	<p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH15-HY Condition : PEAK_74 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	<p>Site : 03CH15-HY Condition : AV6_BE_54 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	<p>Site : 03CH15-HY Condition : AV6_54 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH09 2452MHz - R	
4+5	Horizontal	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Left blank</p>
<p><b>Avg.</b></p>	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	<p>Left blank</p>



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH09 2452MHz - L	
4+5	Vertical	Fundamental
Peak	<p>Level (dBuV/m) vs Frequency (MHz) plot for Peak Vertical. The plot shows a signal level around 50 dBuV/m from 2310 to 2400 MHz, which then rises to approximately 100 dBuV/m between 2440 and 2470 MHz. A red vertical line is drawn at 2452 MHz. The date is 2020-11-21.</p> <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Level (dBuV/m) vs Frequency (MHz) plot for Peak Fundamental. The plot shows a signal level around 50 dBuV/m from 1000 to 2400 MHz, with a sharp peak at 2452 MHz reaching approximately 110 dBuV/m. A red horizontal line is drawn at 75 dBuV/m, labeled 'PEAK_74'. The date is 2020-11-21.</p> <p>Site : 03CH15-HY Condition : PEAK_74 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
	Avg.	<p>Level (dBuV/m) vs Frequency (MHz) plot for Avg Vertical. The plot shows a signal level around 50 dBuV/m from 2310 to 2400 MHz, which then rises to approximately 100 dBuV/m between 2440 and 2470 MHz. A red vertical line is drawn at 2452 MHz. The date is 2020-11-21.</p> <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH09 2452MHz - R	
4+5	Vertical	Fundamental
Peak	<p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank
Avg.	<p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	Left blank



2.4GHz 2400~2483.5MHz

WIFI 802.11ax HE40 Partial 242 (Band Edge @ 3m)

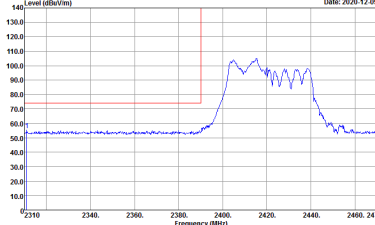
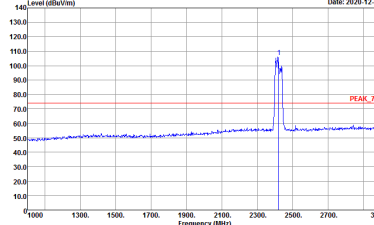
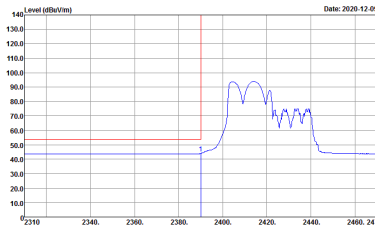
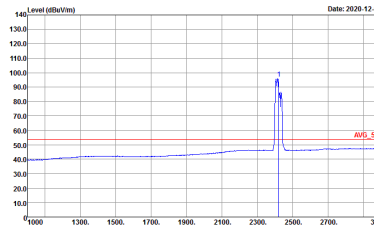
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/61 CH03 2422MHz - L	
4+5	Horizontal	Fundamental
Peak	<p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH15-HY Condition : PEAK_74 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	<p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	<p>Site : 03CH15-HY Condition : AVG_54 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>



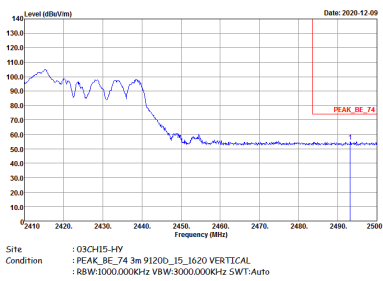
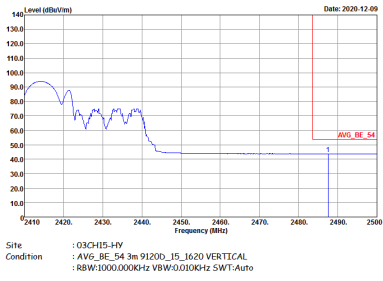
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/61 CH03 2422MHz - R	
4+5	Horizontal	Fundamental
Peak	<p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank
Avg.	<p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	Left blank





WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/61 CH03 2422MHz - L	
4+5	Vertical	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK_74 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH15-HY Condition : AV6_BE_54 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : AV6_54 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>

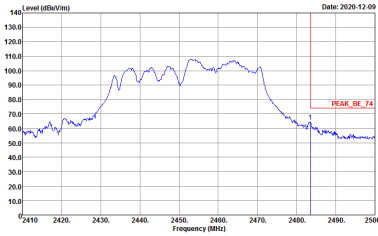
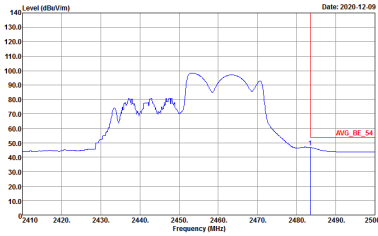


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/61 CH03 2422MHz - R	
4+5	Vertical	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	Left blank

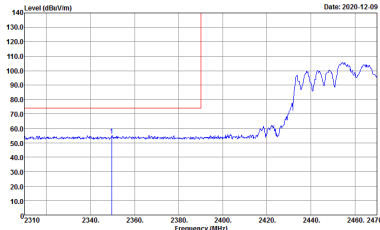
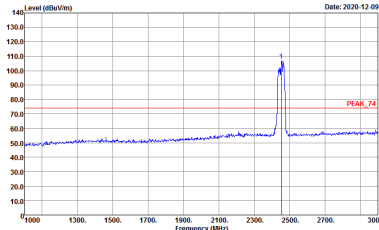
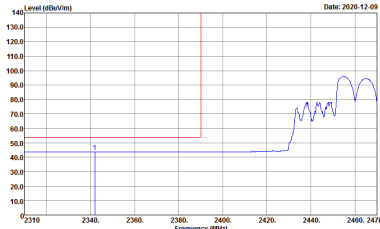
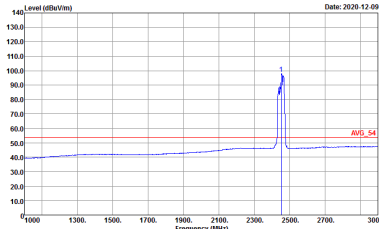


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/62 CH09 2452MHz - L	
4+5	Horizontal	Fundamental
Peak	<p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH15-HY Condition : PEAK_74 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	<p>Site : 03CH15-HY Condition : AV6_BE_54 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	<p>Site : 03CH15-HY Condition : AV6_54 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/62 CH09 2452MHz - R	
4+5	Horizontal	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWF:Auto</p>	Left blank
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWF:Auto</p>	Left blank



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/62 CH09 2452MHz - L	
4+5	Vertical	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK_74 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : AVG_54 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>



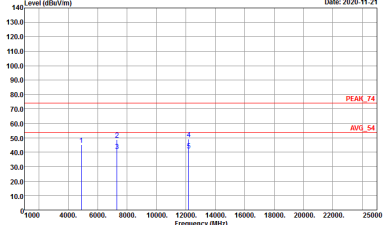
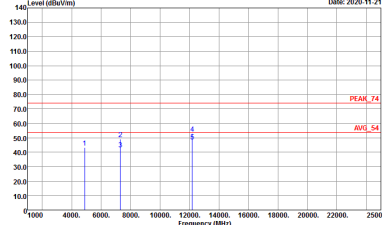
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/62 CH09 2452MHz - R	
4+5	Vertical	Fundamental
Peak	<p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank
Avg.	<p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	Left blank



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

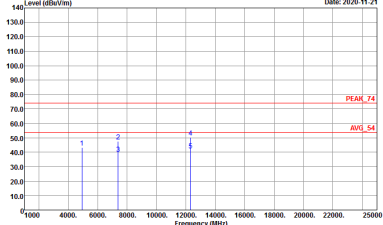
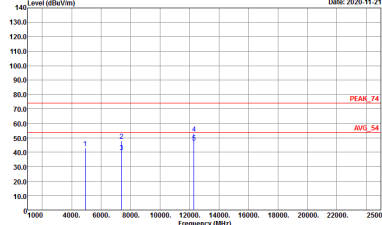
<b>WIFI</b>	<b>2.4GHz 2400~2483.5MHz Harmonic @ 3m</b>	
<b>ANT</b>	<b>802.11b CH01 2412MHz</b>	
<b>4+5</b>	<b>Horizontal</b>	<b>Vertical</b>
<b>Peak</b> <b>Avg.</b>	<p>Site : 03CH15-HY          Condition : PEAK_74 3m 91200_15_1620 HORIZONTAL          Detector : Peak</p>	<p>Site : 03CH15-HY          Condition : PEAK_74 3m 91200_15_1620 VERTICAL          Detector : Peak</p>



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH06 2437MHz	
4+5	Horizontal	Vertical
<p>Peak</p> <p>Avg.</p>	 <p>Site : 03CH15-HY Condition : PEAK_74 3m 91200_15_1620 HORIZONTAL Detector : Peak</p>	 <p>Site : 03CH15-HY Condition : PEAK_74 3m 91200_15_1620 VERTICAL Detector : Peak</p>





WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH11 2462MHz	
4+5	Horizontal	Vertical
<p>Peak</p> <p>Avg.</p>	 <p>Site : 03CH15-HY Condition : PEAK_74 3m 91200_15_1620 HORIZONTAL Detector : Peak</p>	 <p>Site : 03CH15-HY Condition : PEAK_74 3m 91200_15_1620 VERTICAL Detector : Peak</p>



Emission below 1GHz  
2.4GHz WIFI 802.11ax HE40 Full (LF)

WIFI	2.4GHz 2400~2483.5MHz	
ANT	802.11ax HE40 Full LF	
4+5	Horizontal	Vertical
QP / Peak	<p>Site : 03CH15-HY Condition : QP 3m BIL06_15_41912 HORIZONTAL Detector : Peak</p>	<p>Site : 03CH15-HY Condition : QP 3m BIL06_15_41912 VERTICAL Detector : Peak</p>

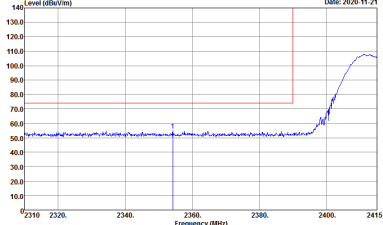
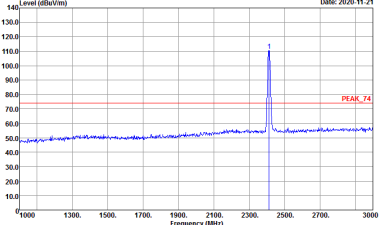
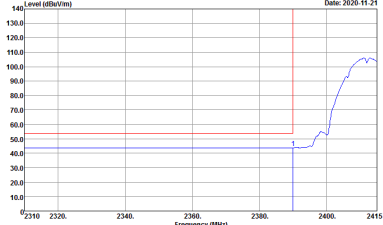
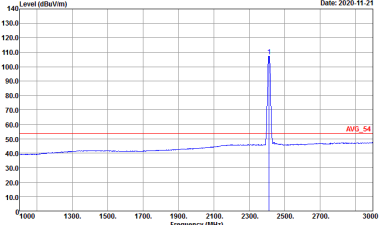


<Camera Mode>

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	
6+5	Horizontal	Fundamental
Peak	<p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH15-HY Condition : PEAK_74 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	<p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	<p>Site : 03CH15-HY Condition : AVG_54 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH01 2412MHz	
6+5	Vertical	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK_74 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH15-HY Condition : AV6_BE_54 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : AV6_54 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - L	
6+5	Horizontal	Fundamental
Peak	<p>Level (dBuV/m) vs Frequency (MHz) plot showing a peak at approximately 2437 MHz. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 2310 to 2470 MHz. A red vertical line marks the peak. Date: 2020-11-21</p> <p>Site Condition : 03CH15-HY : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Level (dBuV/m) vs Frequency (MHz) plot showing a sharp peak at approximately 2437 MHz. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 1000 to 3000 MHz. A red vertical line marks the peak. Date: 2020-11-21</p> <p>Site Condition : 03CH15-HY : PEAK_74 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
	Avg.	<p>Level (dBuV/m) vs Frequency (MHz) plot showing the average level of the signal. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 2310 to 2470 MHz. A red vertical line marks the peak. Date: 2020-11-21</p> <p>Site Condition : 03CH15-HY : AVG_BE_54 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
6+5	Horizontal	Fundamental
Peak	<p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank
Avg.	<p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	Left blank



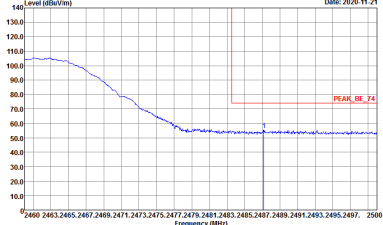
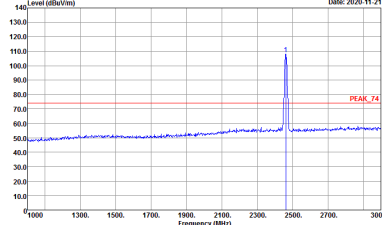
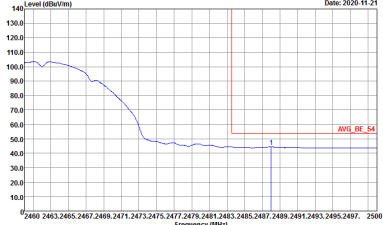
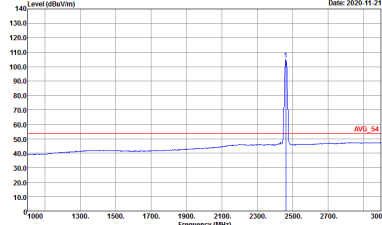
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - L	
6+5	Vertical	Fundamental
Peak	<p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH15-HY Condition : PEAK_74 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
	<p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	<p>Site : 03CH15-HY Condition : AVG_54 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>



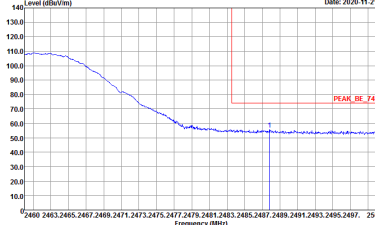
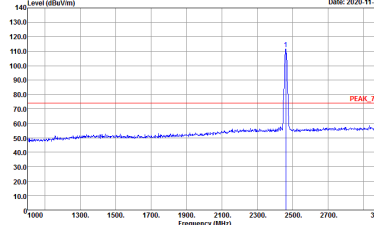
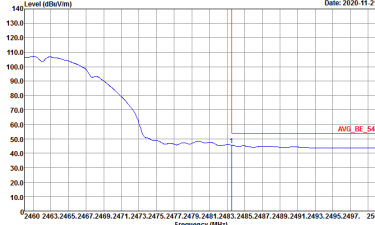
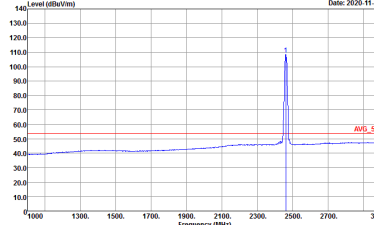
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
6+5	Vertical	Fundamental
Peak	<p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank
Avg.	<p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	Left blank





WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH11 2462MHz	
6+5	Horizontal	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK_74 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : AVG_54 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>

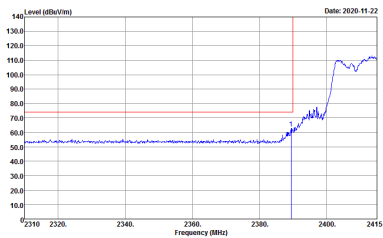
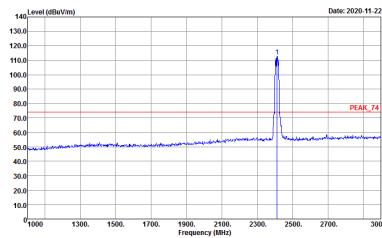
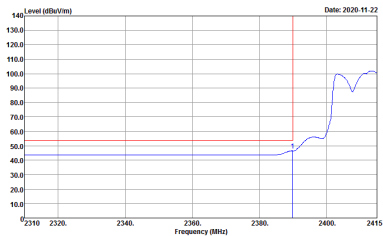
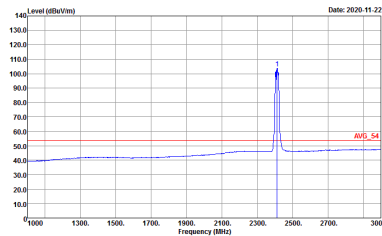


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH11 2462MHz	
6+5	Vertical	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK_74 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : AVG_54 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>



2.4GHz 2400~2483.5MHz

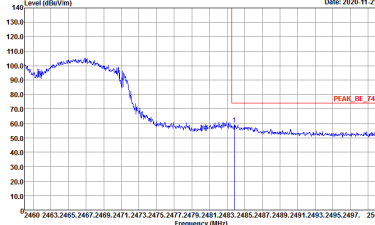
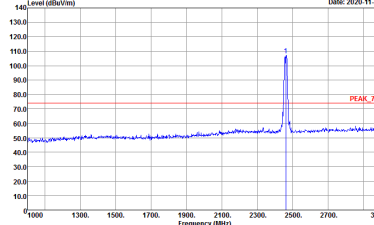
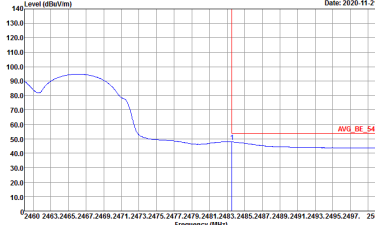
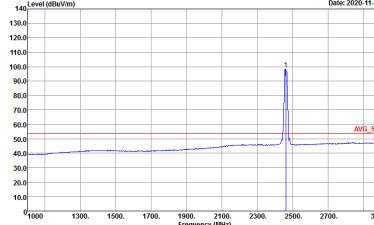
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH01 2412MHz	
6+5	Horizontal	Fundamental
Peak	 <p>Site : 03CHI5-HY Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CHI5-HY Condition : PEAK_74 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CHI5-HY Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	 <p>Site : 03CHI5-HY Condition : AVG_54 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>

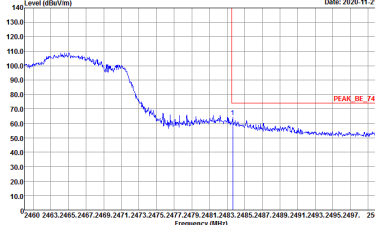
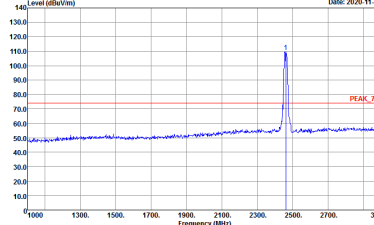
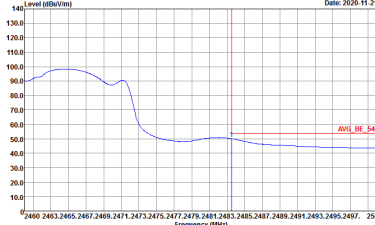
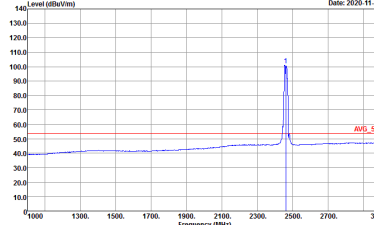


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH01 2412MHz	
6+5	Vertical	Fundamental
Peak	<p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH15-HY Condition : PEAK_74 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
	<p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	<p>Site : 03CH15-HY Condition : AVG_54 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH11 2462MHz	
6+5	Horizontal	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK_74 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
<p><b>Avg.</b></p>	 <p>Site : 03CH15-HY Condition : AV6_BE_54 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : AV6_54 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH11 2462MHz	
6+5	Vertical	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK_74 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : AVG_54 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>



2.4GHz 2400~2483.5MHz

WIFI 802.11ax HE20 Partial 106 (Band Edge @ 3m)

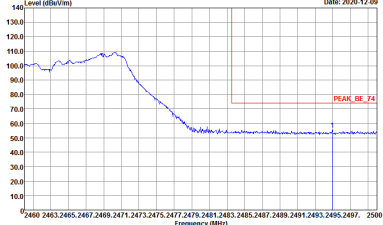
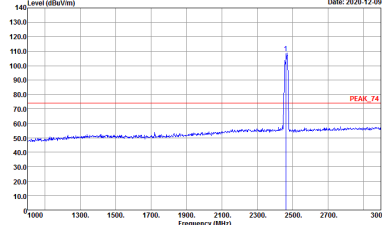
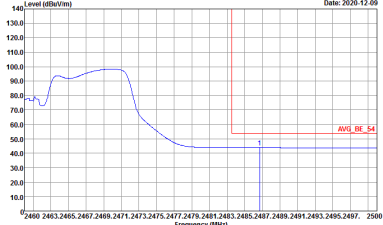
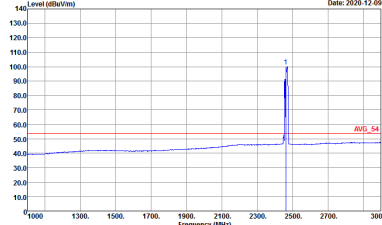
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/53 CH01 2412MHz	
6+5	Horizontal	Fundamental
Peak	<p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	<p>Site : 03CH15-HY Condition : PEAK_74 3m 91200_15_1620 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	<p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	<p>Site : 03CH15-HY Condition : AVG_54 3m 91200_15_1620 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>



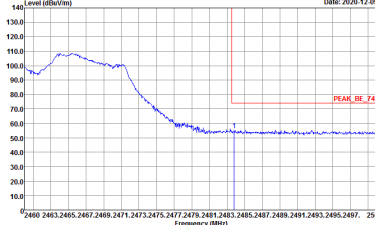
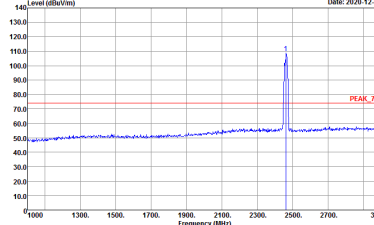
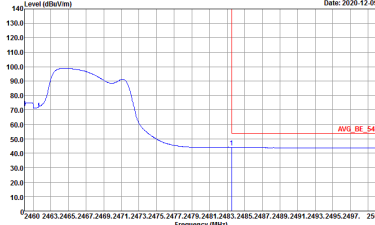
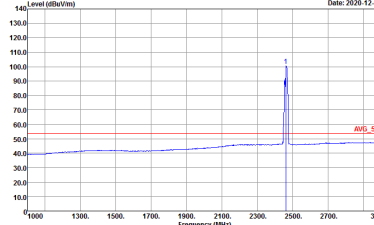
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/53 CH01 2412MHz	
6+5	Vertical	Fundamental
Peak	<p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH15-HY Condition : PEAK_74 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
	<p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	<p>Site : 03CH15-HY Condition : AVG_54 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>





WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/54 CH11 2462MHz	
6+5	Horizontal	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK_74 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH15-HY Condition : AV6_BE_54 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : AV6_54 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>


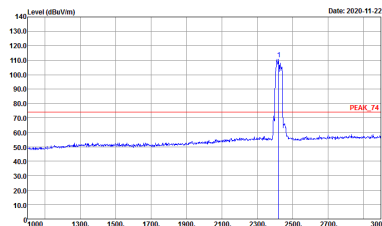
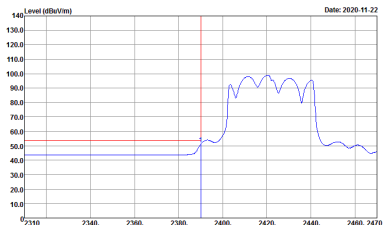
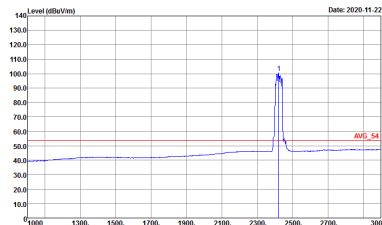


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/54 CH11 2462MHz	
6+5	Vertical	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK_74 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : AVG_54 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>



2.4GHz 2400~2483.5MHz

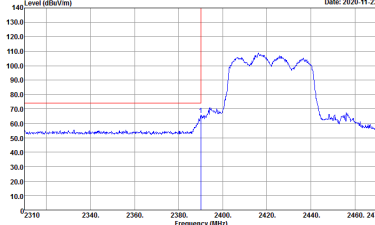
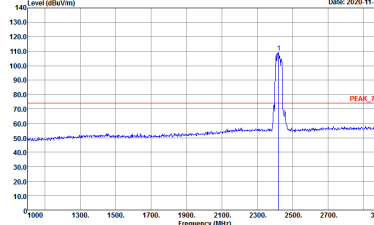
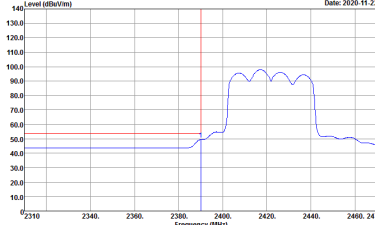
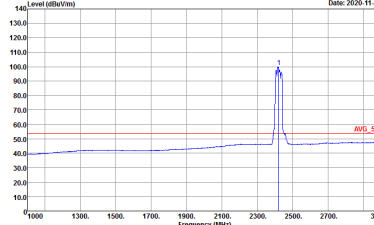
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH03 2422MHz - L	
6+5	Horizontal	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK_74 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : AVG_54 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>

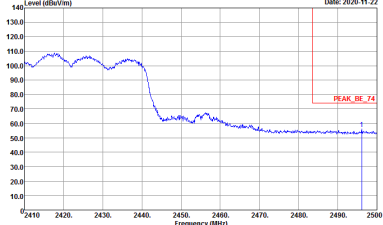
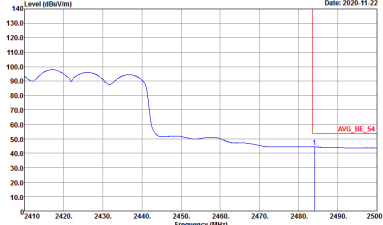


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH03 2422MHz - R	
6+5	Horizontal	Fundamental
Peak	<p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWF:Auto</p>	Left blank
Avg.	<p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWF:Auto</p>	Left blank

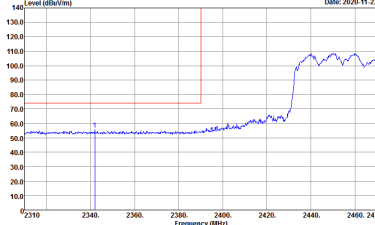
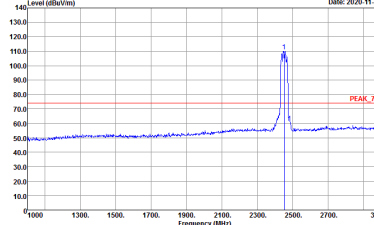
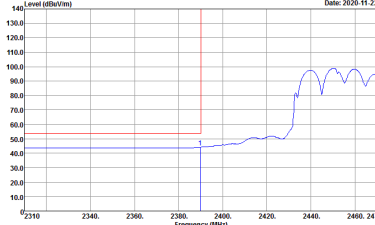
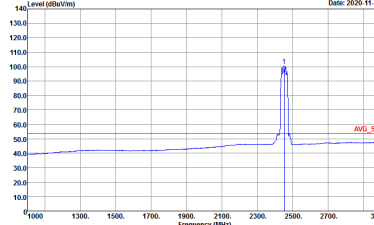


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH03 2422MHz - L	
6+5	Vertical	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK_74 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH15-HY Condition : AV6_BE_54 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : AV6_54 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH03 2422MHz - R	
6+5	Vertical	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CH15-HY            Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL            : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Left blank</p>
<p><b>Avg.</b></p>	 <p>Site : 03CH15-HY            Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL            : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	<p>Left blank</p>



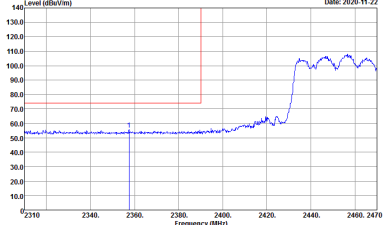
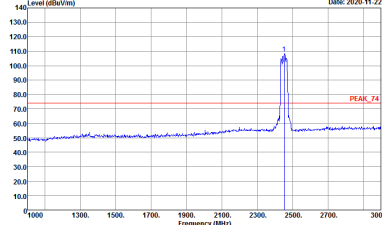
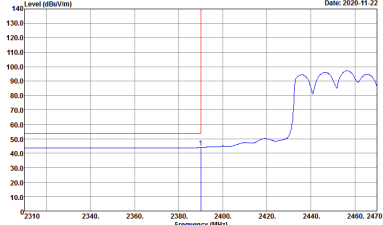
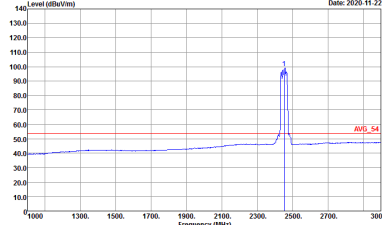
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH09 2452MHz - L	
6+5	Horizontal	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK_74 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH15-HY Condition : AV6_BE_54 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : AV6_54 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>



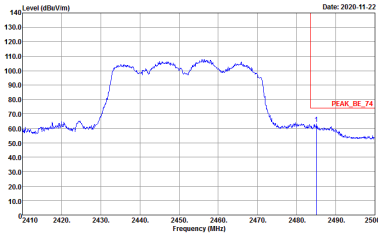
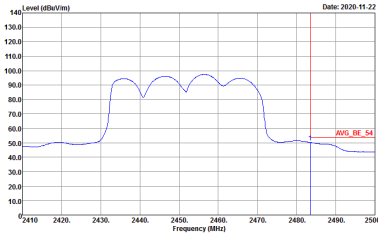
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH09 2452MHz - R	
6+5	Horizontal	Fundamental
Peak	<p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank
Avg.	<p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	Left blank





WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH09 2452MHz - L	
6+5	Vertical	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK_74 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH15-HY Condition : AV6_BE_54 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : AV6_54 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH09 2452MHz - R	
6+5	Vertical	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Left blank</p>
<p><b>Avg.</b></p>	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	<p>Left blank</p>





2.4GHz 2400~2483.5MHz

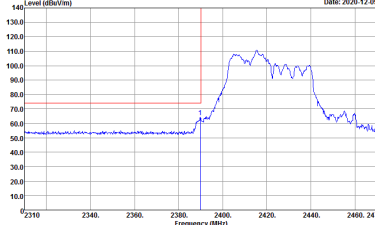
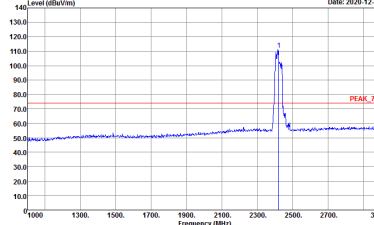
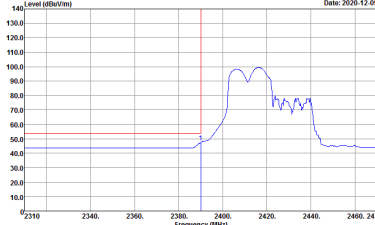
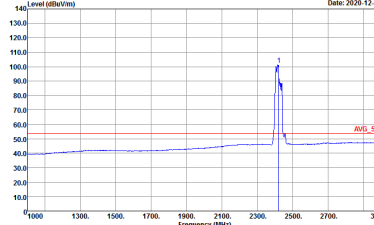
WIFI 802.11ax HE40 Partial 242 (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/61 CH03 2422MHz - L	
6+5	Horizontal	Fundamental
Peak	<p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH15-HY Condition : PEAK_74 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	<p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	<p>Site : 03CH15-HY Condition : AVG_54 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>

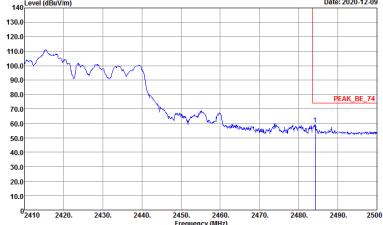



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/61 CH03 2422MHz - R	
6+5	Horizontal	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Left blank</p>
<p><b>Avg.</b></p>	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	<p>Left blank</p>



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/61 CH03 2422MHz - L	
6+5	Vertical	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK_74 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH15-HY Condition : AV6_BE_54 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : AV6_54 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>

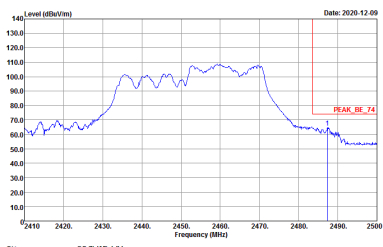
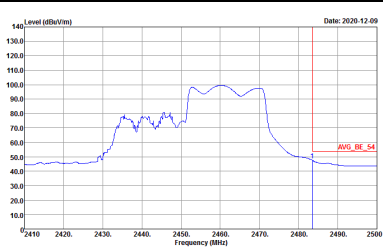


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/61 CH03 2422MHz - R	
6+5	Vertical	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Left blank</p>
<p><b>Avg.</b></p>	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	<p>Left blank</p>



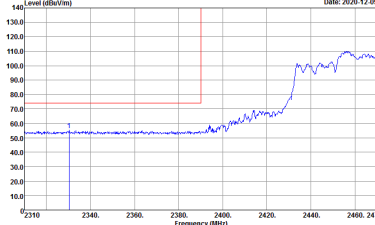
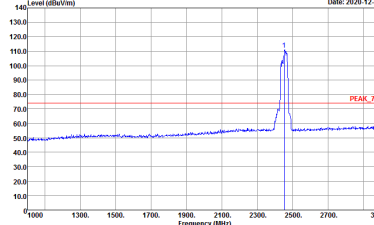
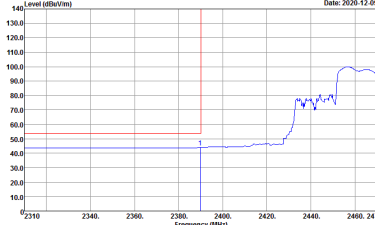
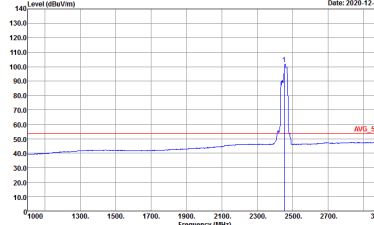
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/62 CH09 2452MHz - L	
6+5	Horizontal	Fundamental
Peak	<p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH15-HY Condition : PEAK_74 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	<p>Site : 03CH15-HY Condition : AV6_BE_54 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	<p>Site : 03CH15-HY Condition : AV6_54 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>



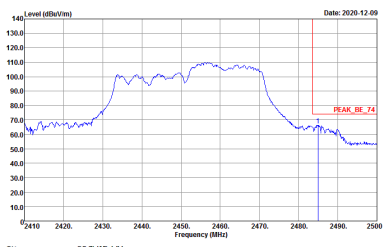
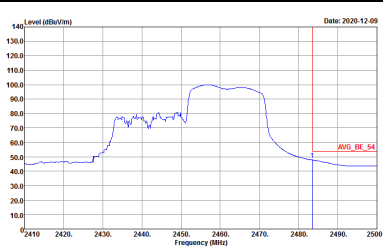
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/62 CH09 2452MHz - R	
6+5	Horizontal	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWF:Auto</p>	Left blank
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWF:Auto</p>	Left blank





WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/62 CH09 2452MHz - L	
6+5	Vertical	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK_74 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH15-HY Condition : AV6_BE_54 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : AV6_54 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>



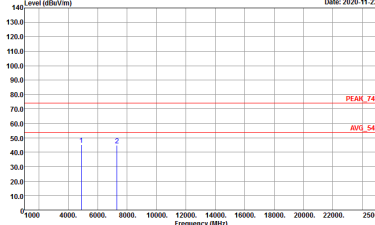
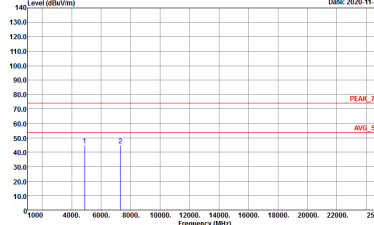
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/62 CH09 2452MHz - R	
6+5	Vertical	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	Left blank



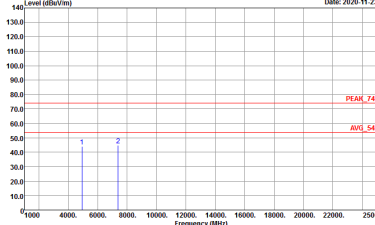
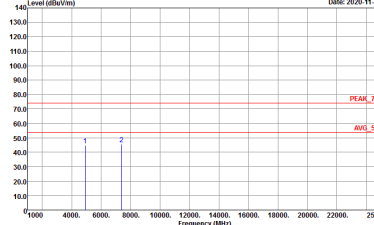
2.4GHz 2400~2483.5MHz
WIFI 802.11b (Harmonic @ 3m)

Table with 2 columns: Horizontal and Vertical. Each column contains a graph of Level (dBm/1m) vs Frequency (MHz) with peak and average values indicated. Includes site and condition details for both orientations.



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH06 2437MHz	
6+5	Horizontal	Vertical
<p>Peak</p> <p>Avg.</p>	 <p>Site : 03CH15-HY Condition : PEAK_74 3m 91200_15_1620 HORIZONTAL Detector : Peak</p>	 <p>Site : 03CH15-HY Condition : PEAK_74 3m 91200_15_1620 VERTICAL Detector : Peak</p>



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH11 2462MHz	
6+5	Horizontal	Vertical
<p>Peak</p> <p>Avg.</p>	 <p>Site : 03CH15-HY Condition : PEAK_74 3m 91200_15_1620 HORIZONTAL Detector : Peak</p>	 <p>Site : 03CH15-HY Condition : PEAK_74 3m 91200_15_1620 VERTICAL Detector : Peak</p>



Emission below 1GHz  
2.4GHz WIFI 802.11ax HE40 Full (LF)

WIFI	2.4GHz 2400~2483.5MHz	
ANT	802.11ax HE40 Full LF	
6+5	Horizontal	Vertical
QP / Peak	<p>Site : 03CH15-HY Condition : QP 3m BIL06_15_41912 HORIZONTAL Detector : Peak</p>	<p>Site : 03CH15-HY Condition : QP 3m BIL06_15_41912 VERTICAL Detector : Peak</p>



## Appendix E. Duty Cycle Plots

<Normal Mode>

Antenna	Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting	Duty Factor(dB)
4+5	802.11b for Ant. 4	98.23	-	-	10Hz	0.08
4+5	802.11b for Ant. 5	98.22	-	-	10Hz	0.08
4+5	2.4GHz 802.11ax HE20 Full RU for Ant. 4	100.00	-	-	10Hz	0.00
4+5	2.4GHz 802.11ax HE20 Full RU for Ant. 5	100.00	-	-	10Hz	0.00
4+5	2.4GHz 802.11ax HE20 106 RU for Ant. 4	100.00	-	-	10Hz	0.00
4+5	2.4GHz 802.11ax HE20 106 RU for Ant. 5	100.00	-	-	10Hz	0.00
4+5	2.4GHz 802.11ax HE40 Full RU for Ant. 4	100.00	-	-	10Hz	0.00
4+5	2.4GHz 802.11ax HE40 Full RU for Ant. 5	100.00	-	-	10Hz	0.00
4+5	2.4GHz 802.11ax HE40 242 RU for Ant. 4	98.77	-	-	10Hz	0.05
4+5	2.4GHz 802.11ax HE40 242 RU for Ant. 5	98.77	-	-	10Hz	0.05

**<Camera Mode>**

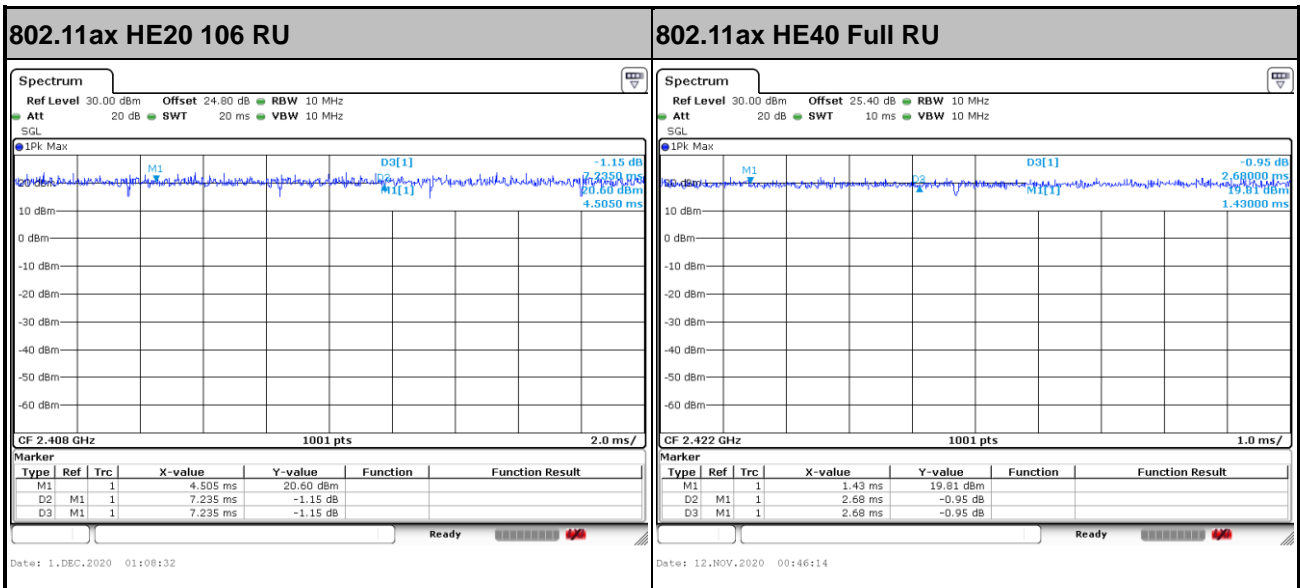
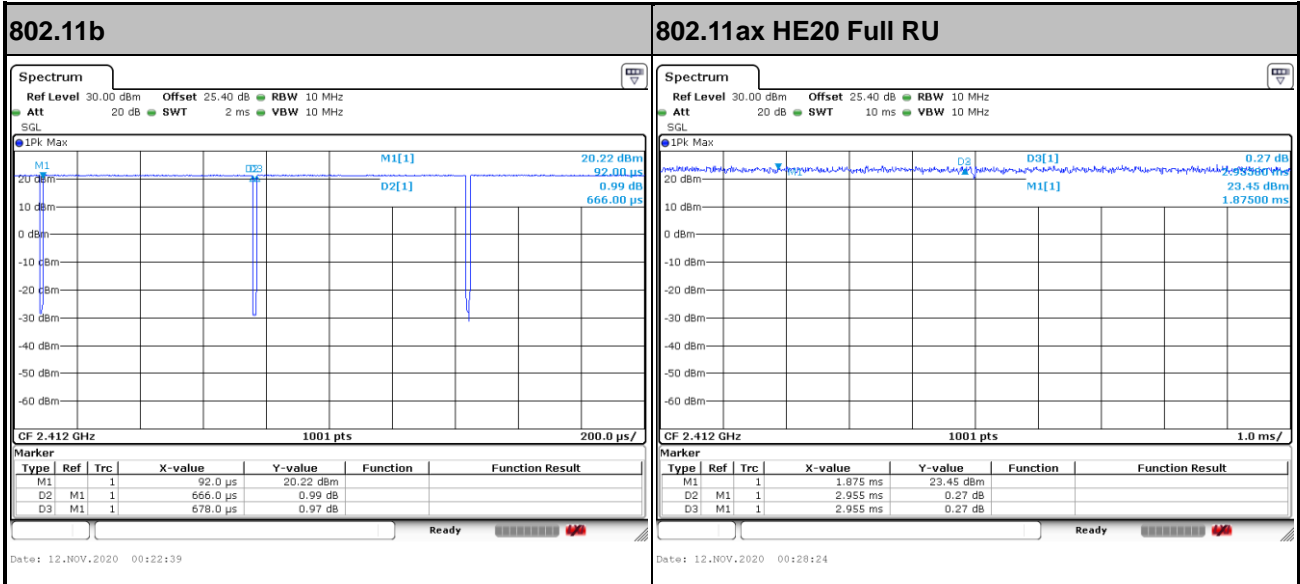
Antenna	Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting	Duty Factor(dB)
6+5	802.11b for Ant. 6	97.94	664	1.51	3kHz	0.09
6+5	802.11b for Ant. 5	97.94	664	1.51	3kHz	0.09
6+5	2.4GHz 802.11ax HE20 Full RU for Ant. 6	100.00	-	-	10Hz	0.00
6+5	2.4GHz 802.11ax HE20 Full RU for Ant. 5	100.00	-	-	10Hz	0.00
6+5	2.4GHz 802.11ax HE20 106 RU for Ant. 6	100.00	-	-	10Hz	0.00
6+5	2.4GHz 802.11ax HE20 106 RU for Ant. 5	100.00	-	-	10Hz	0.00
6+5	2.4GHz 802.11ax HE40 Full RU for Ant. 6	100.00	-	-	10Hz	0.00
6+5	2.4GHz 802.11ax HE40 Full RU for Ant. 5	100.00	-	-	10Hz	0.00
6+5	2.4GHz 802.11ax HE40 242 RU for Ant. 6	99.13	-	-	10Hz	0.04
6+5	2.4GHz 802.11ax HE40 242 RU for Ant. 5	99.35	-	-	10Hz	0.03

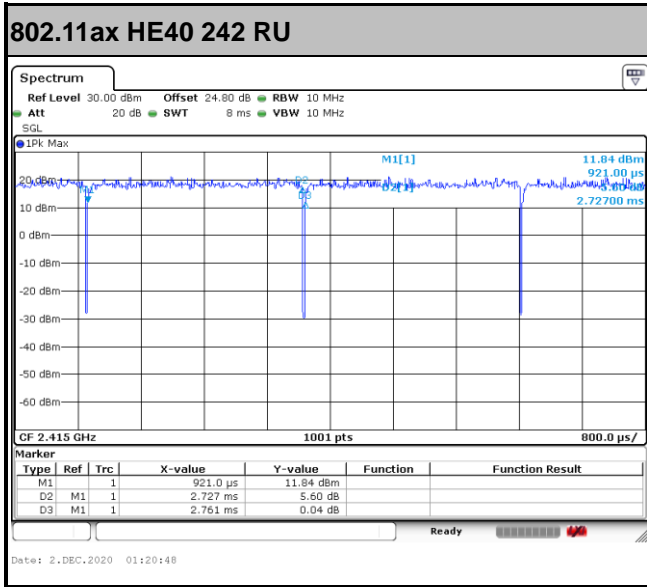




<Normal Mode>

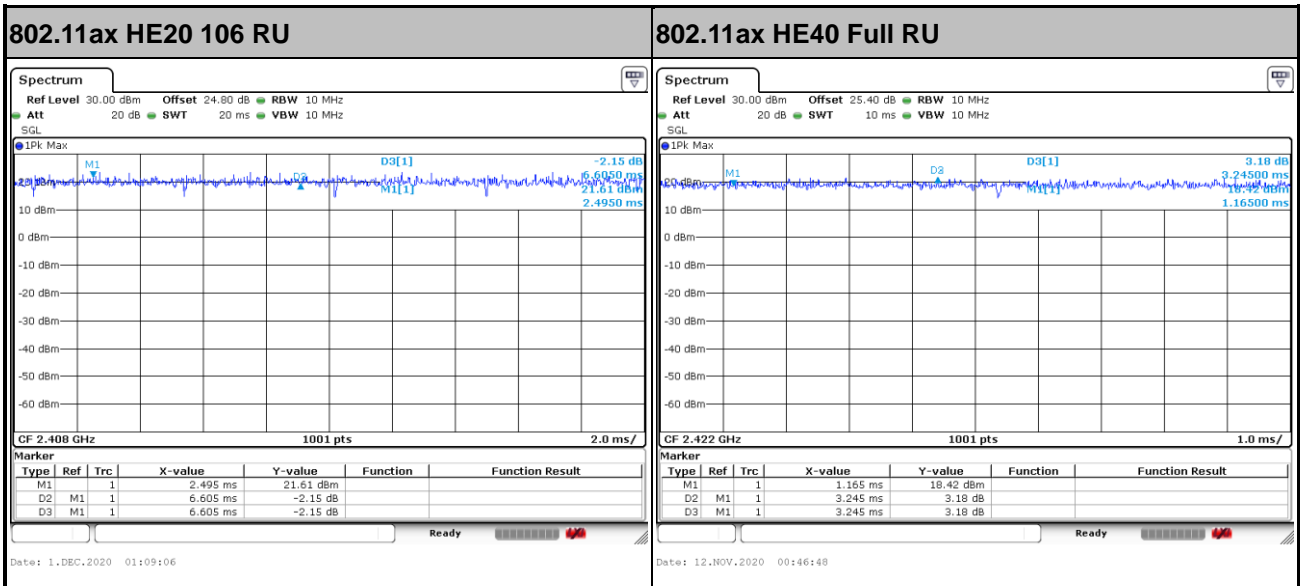
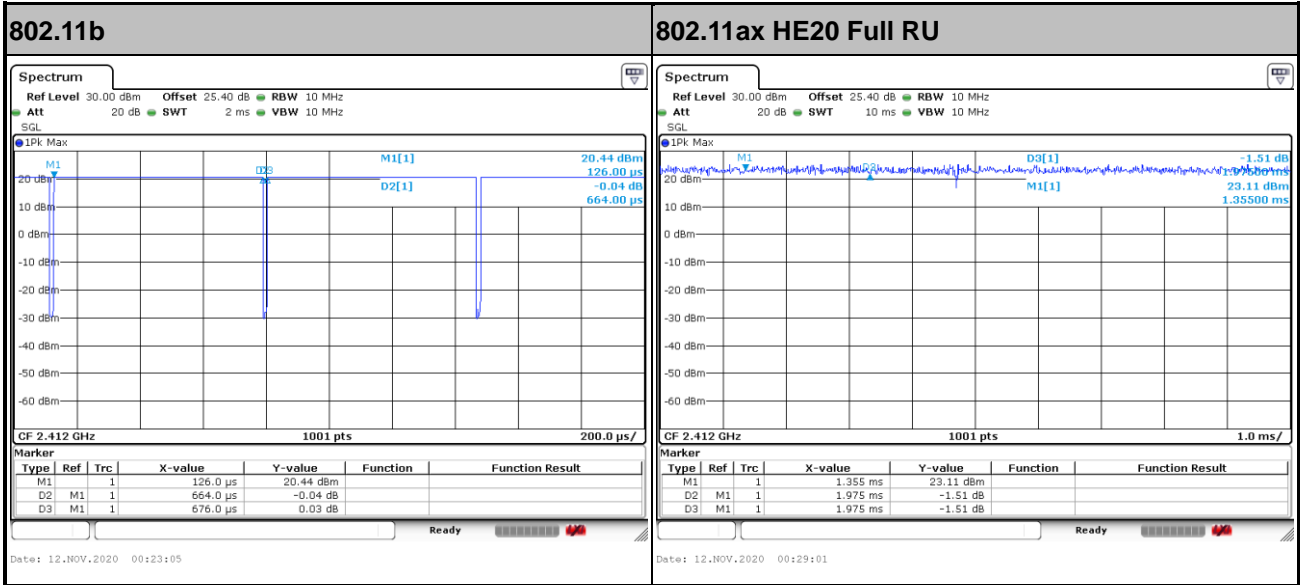
MIMO <Ant. 4>

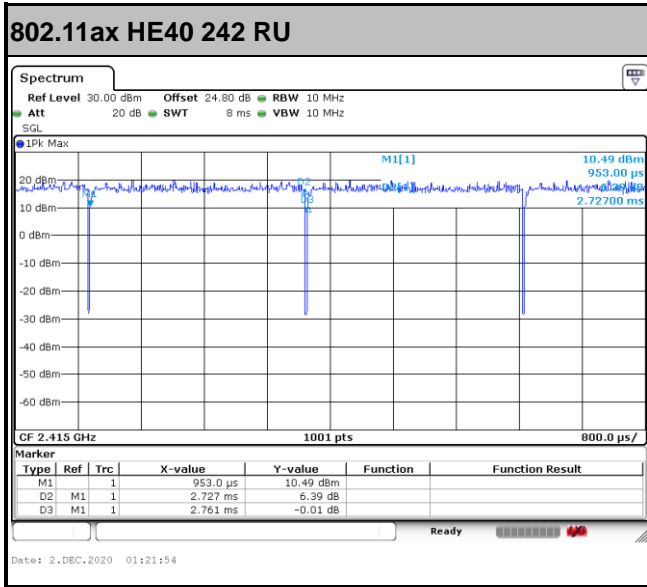






MIMO <Ant. 5>

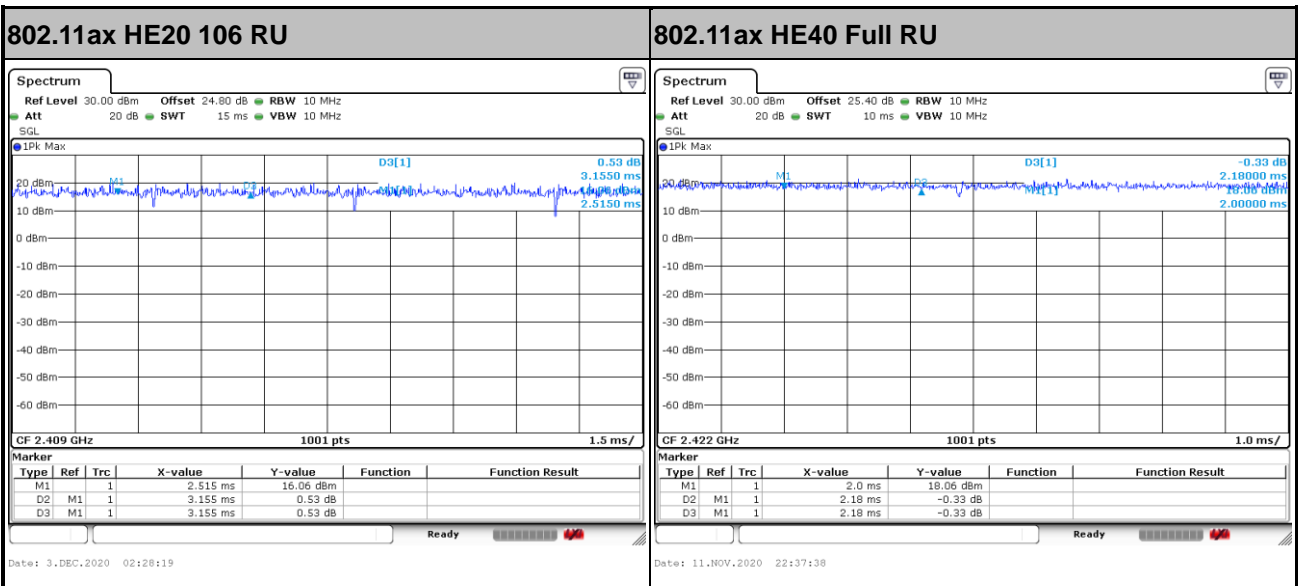
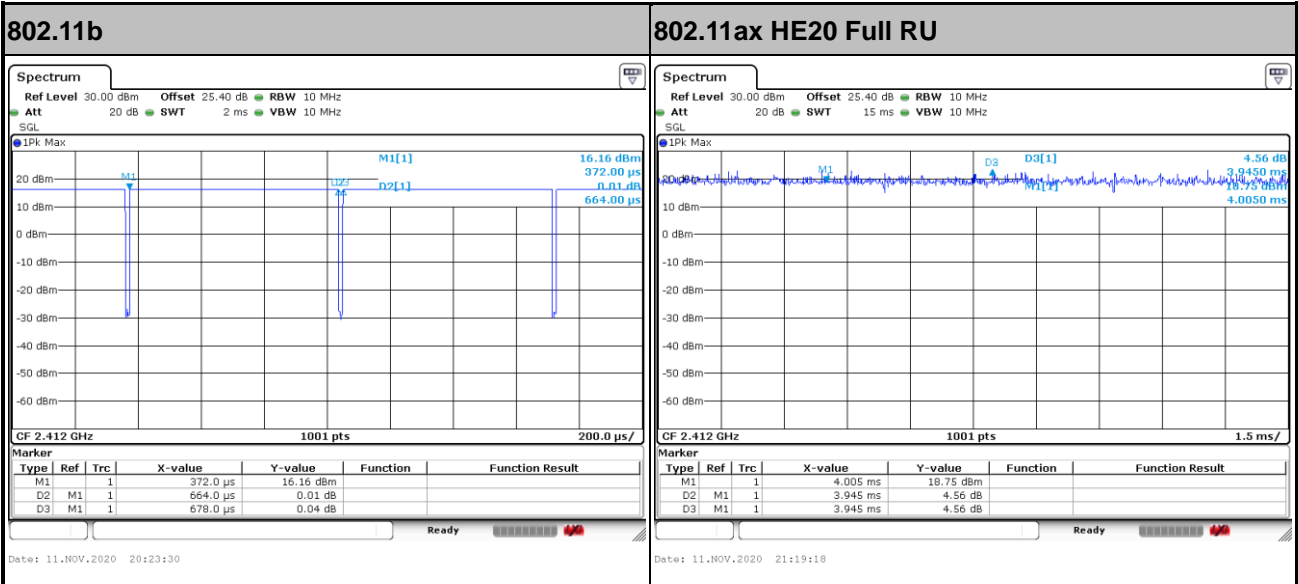


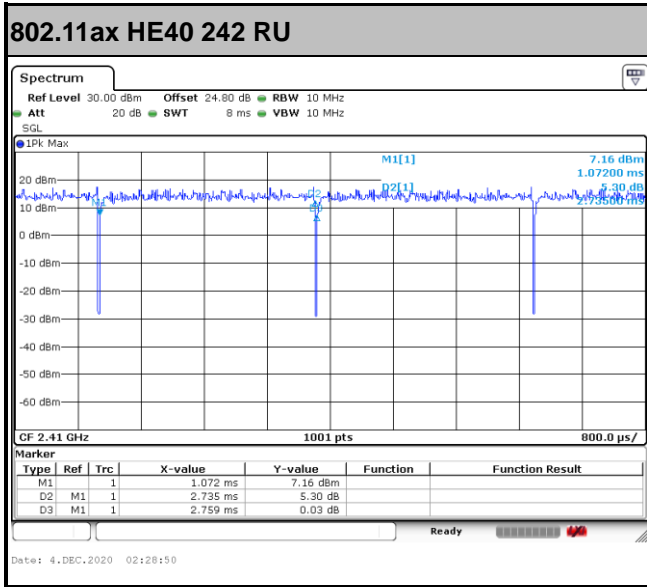




<Camera Mode>

MIMO <Ant. 6>







MIMO <Ant. 5>

