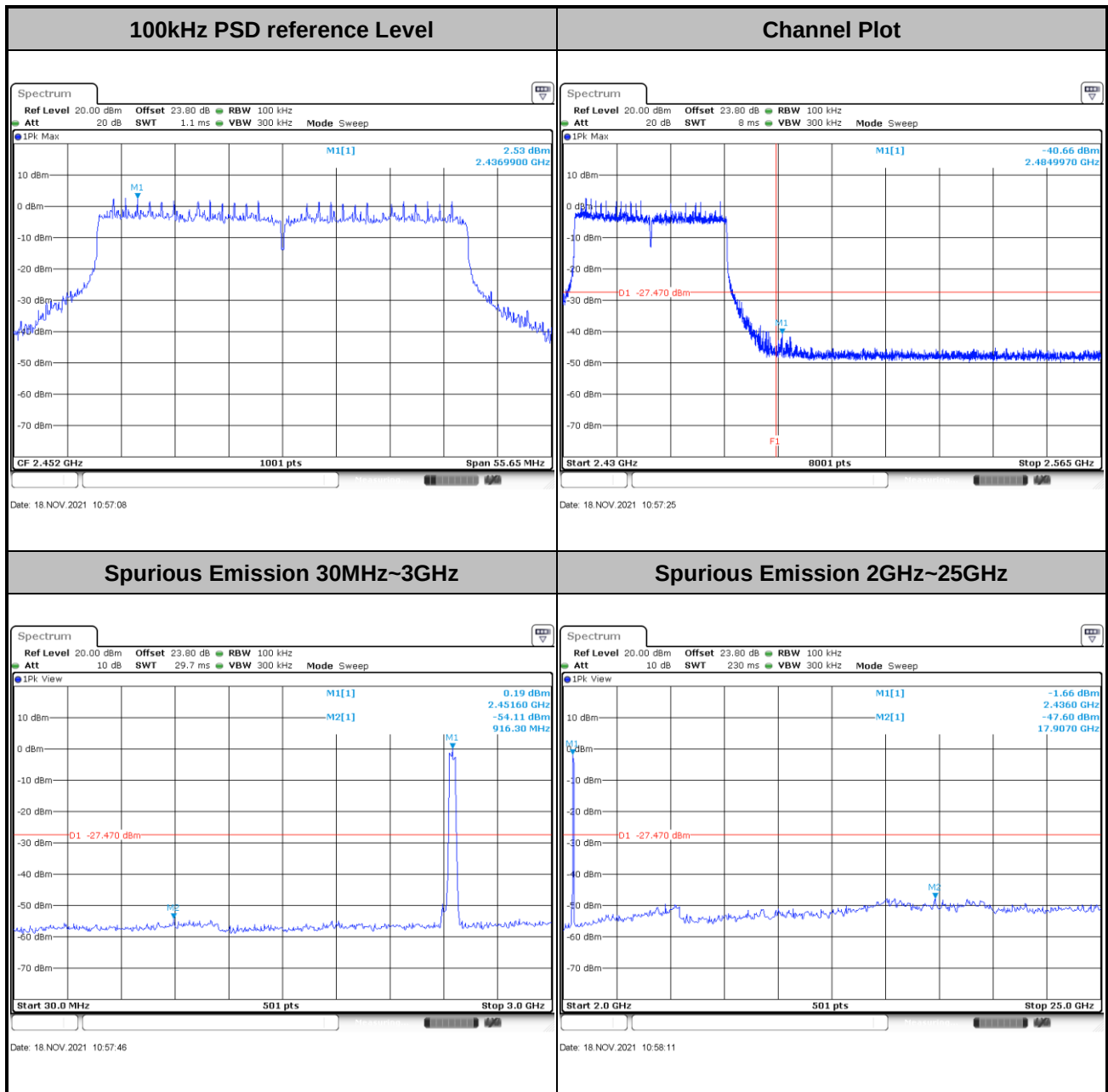


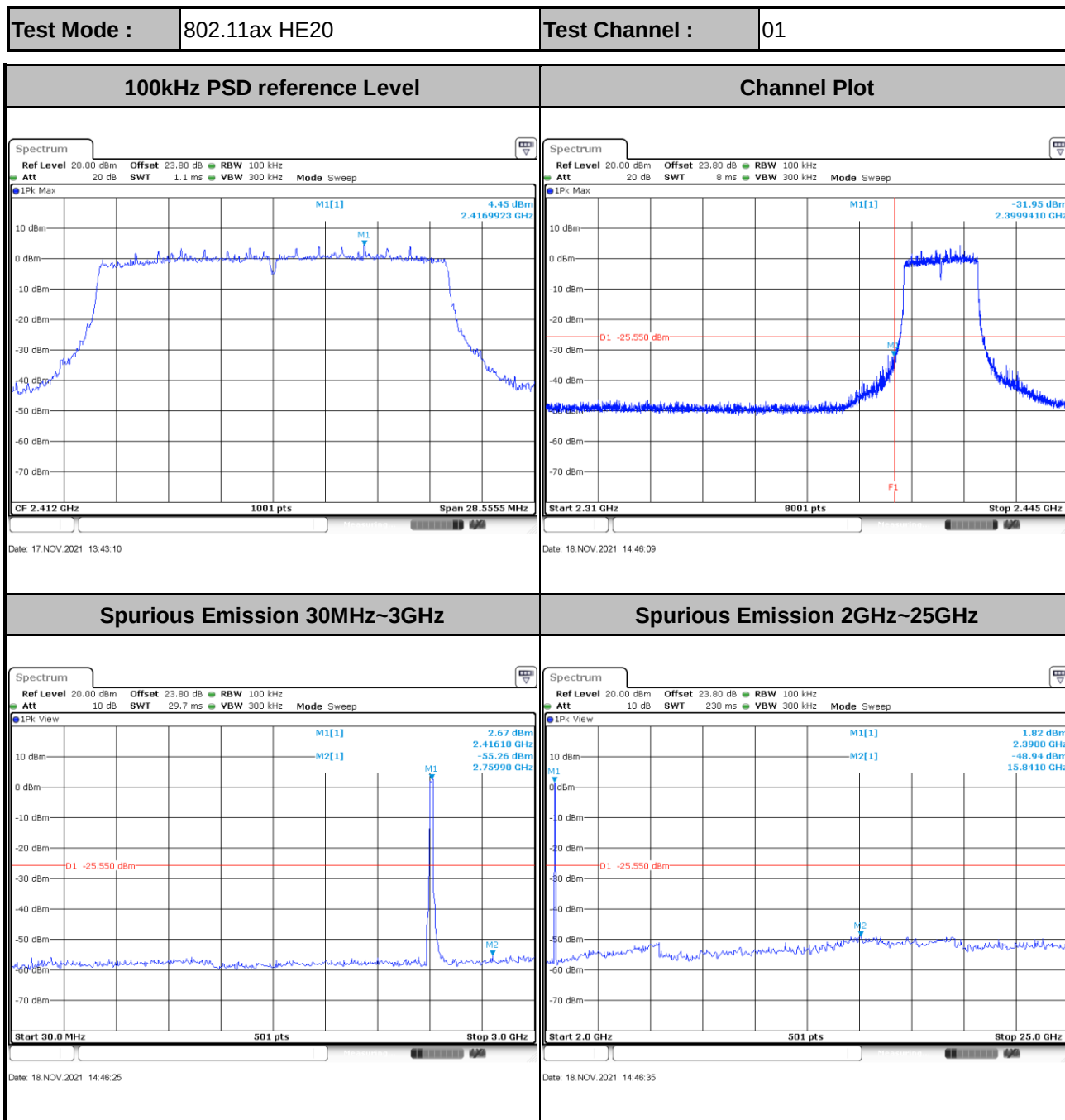


Test Mode :	802.11ax HE40	Test Channel :	11
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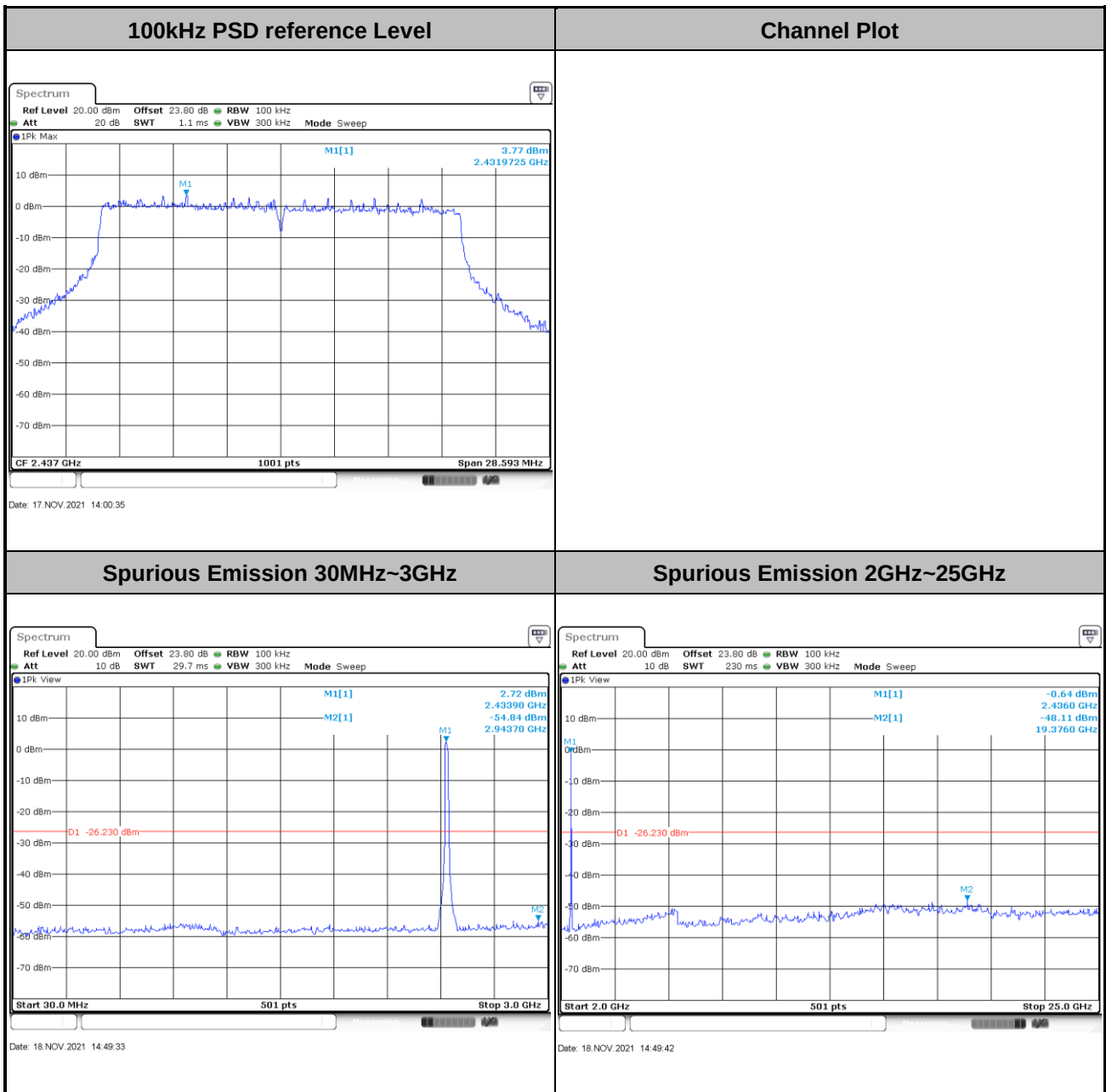


Number of TX = 2, Ant. 5 (Measured)





Test Mode :	802.11ax HE20	Test Channel :	06
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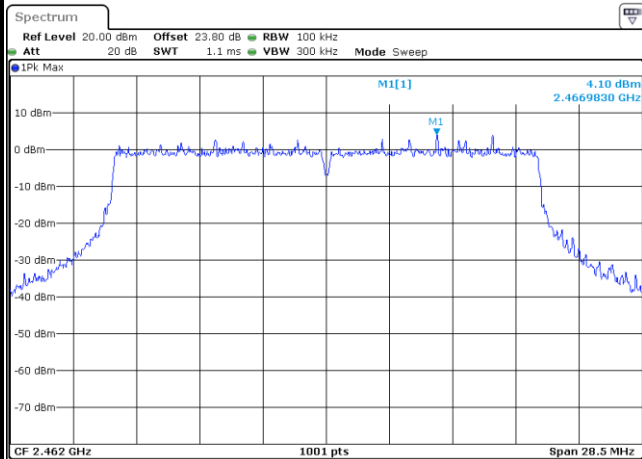




Test Mode : 802.11ax HE20

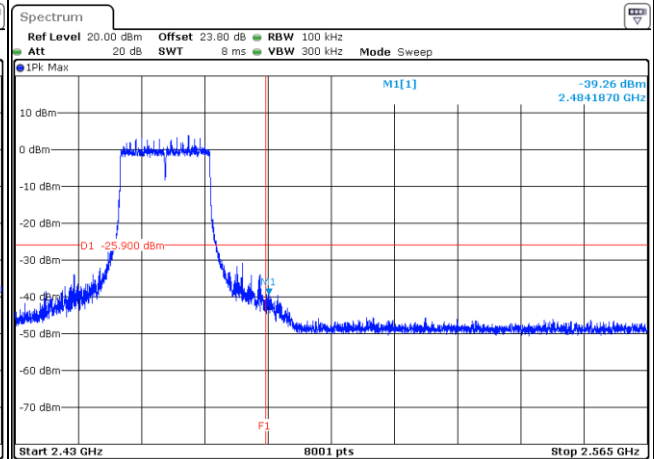
Test Channel : 11

100kHz PSD reference Level



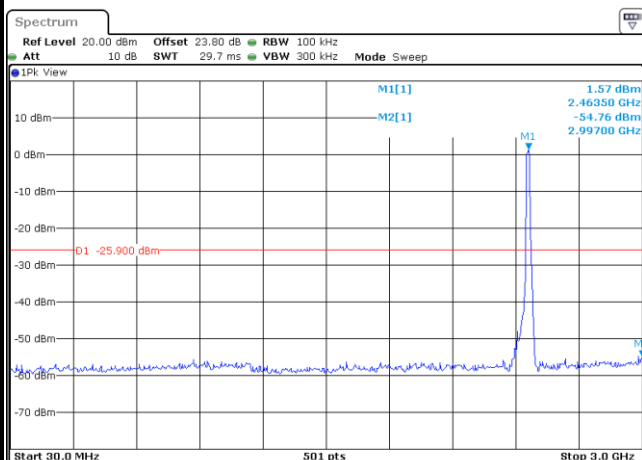
Date: 18 NOV 2021 14:57:49

Channel Plot



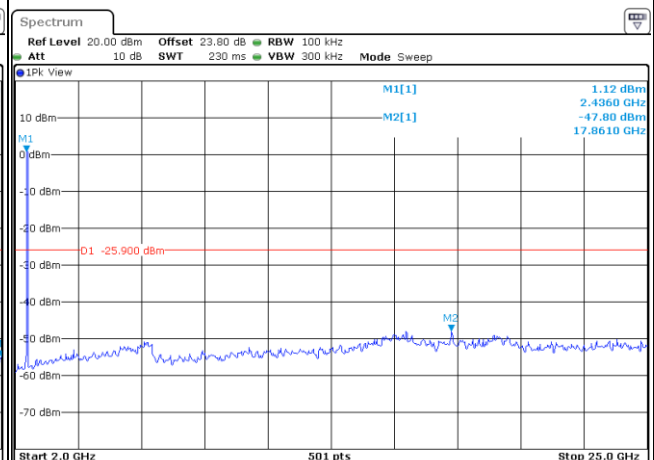
Date: 18 NOV 2021 14:58:07

Spurious Emission 30MHz~3GHz

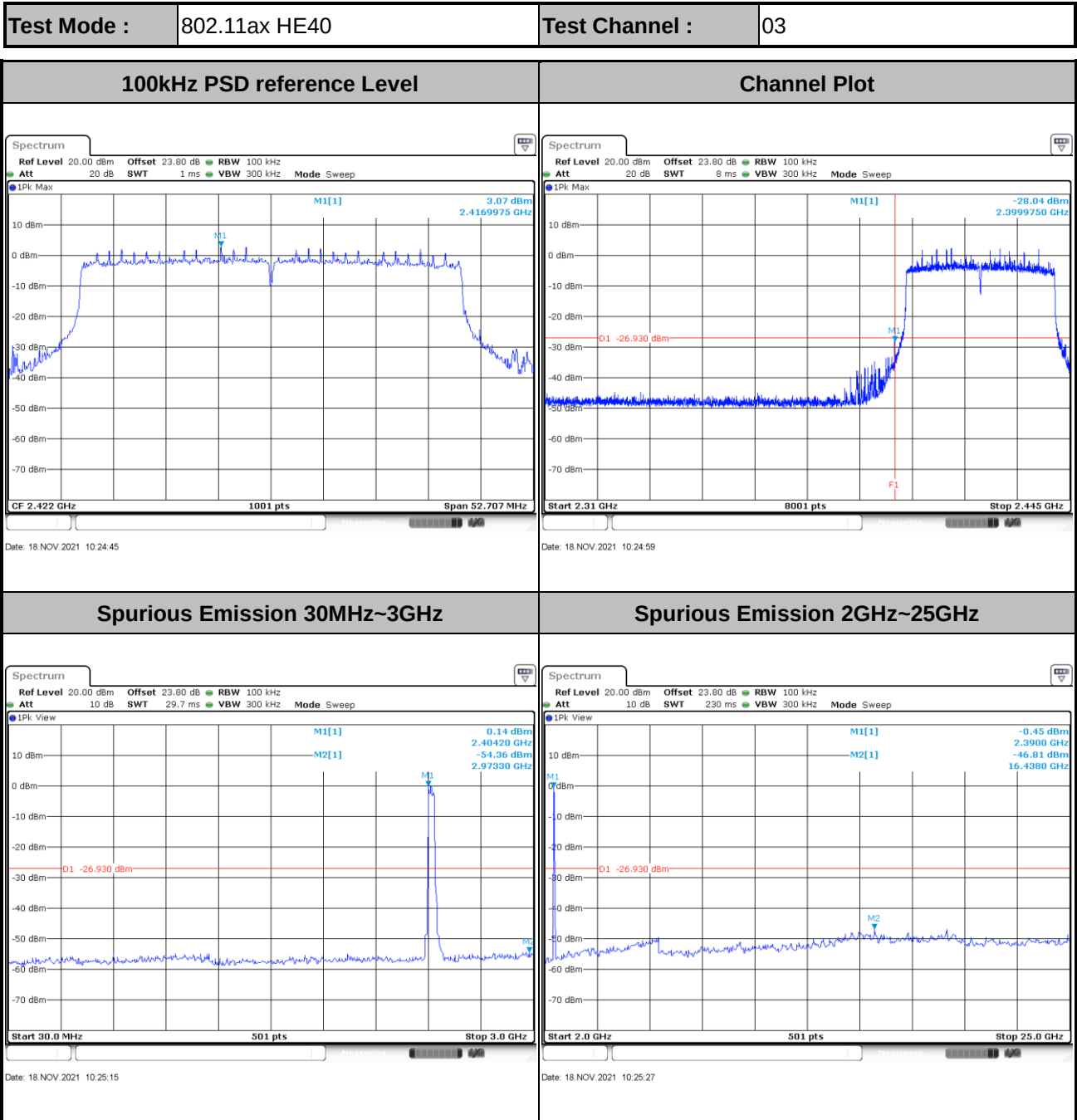


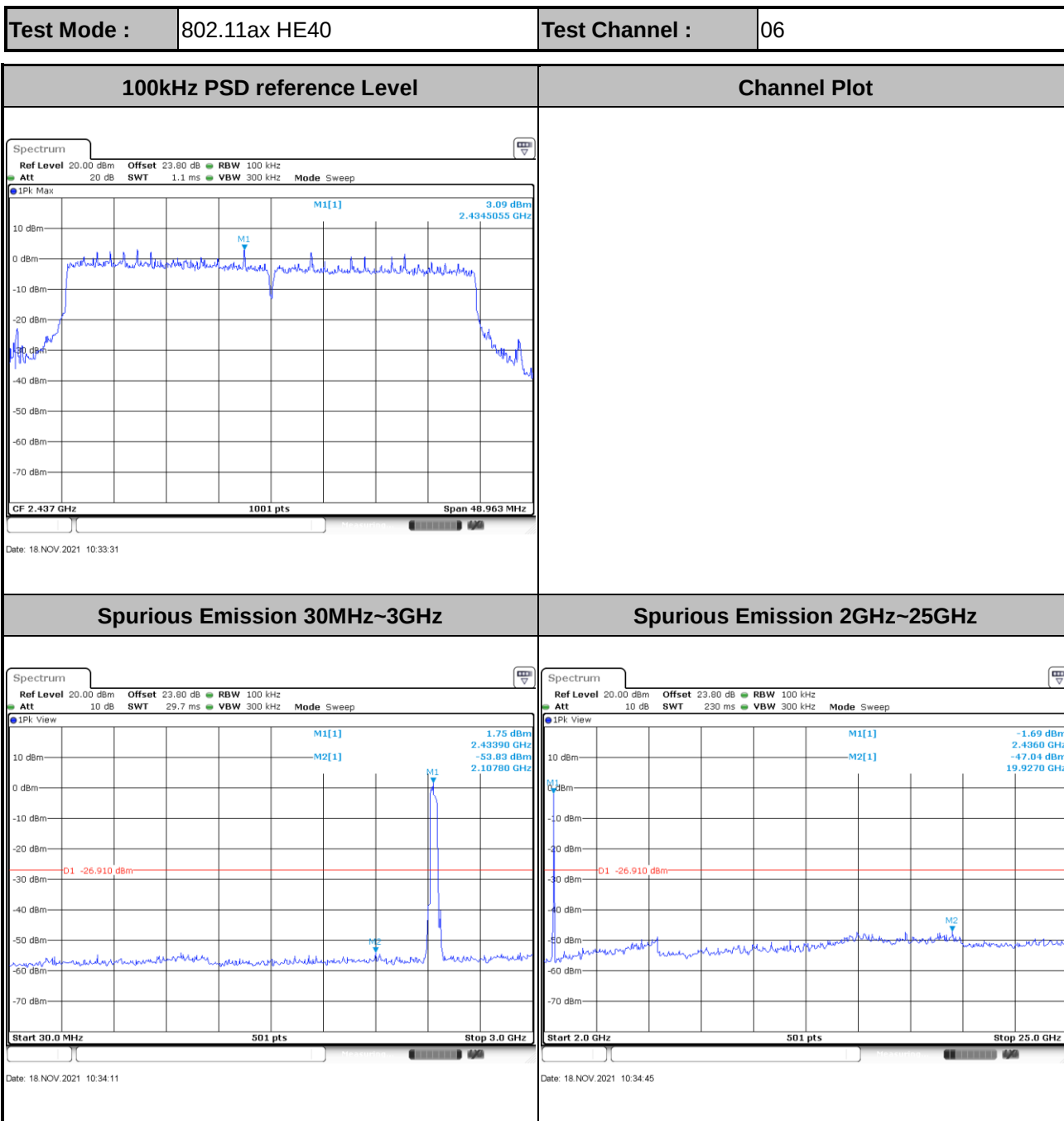
Date: 18 NOV 2021 14:58:18

Spurious Emission 2GHz~25GHz



Date: 18 NOV 2021 14:58:42



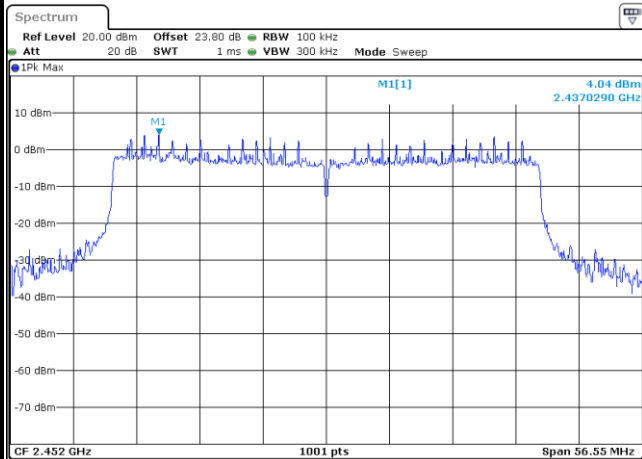




Test Mode : 802.11ax HE40

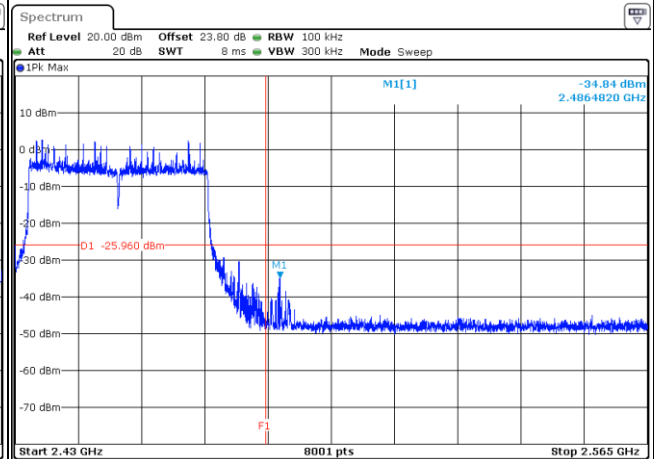
Test Channel : 09

100kHz PSD reference Level



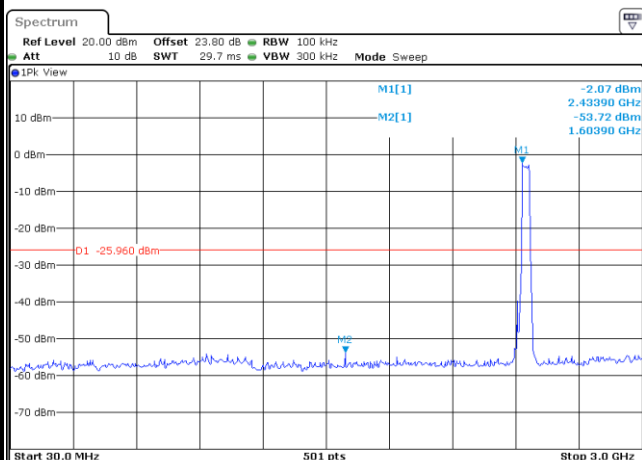
Date: 18 NOV 2021 11:01:10

Channel Plot



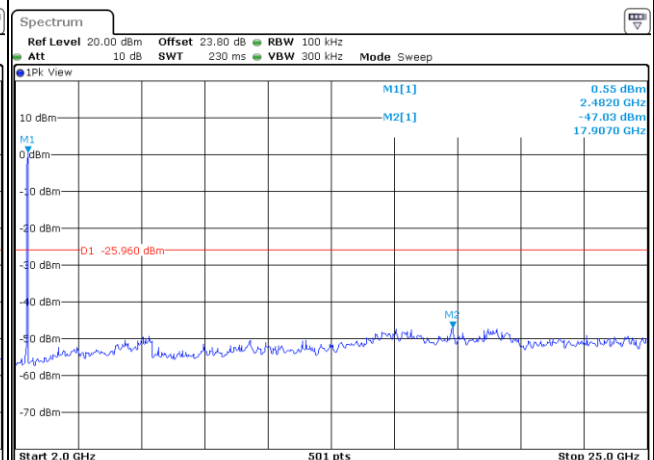
Date: 18 NOV 2021 11:01:44

Spurious Emission 30MHz~3GHz



Date: 18 NOV 2021 11:03:15

Spurious Emission 2GHz~25GHz



Date: 18 NOV 2021 11:03:26

3.5 Radiated Band Edges and Spurious Emission Measurement

3.5.1 Limit of Radiated band edge and Spurious Emission Measurement

In any 100 kHz bandwidth outside the intentional radiator frequency band, all harmonics/spurious must be at least 20 dB below the highest emission level within the authorized band. If the output power of this device is measured by spectrum analyzer, the attenuation under this paragraph shall be 30 dB instead of 20 dB. In addition, radiated emissions which fall in the restricted bands must also comply with the limits as below.

Frequency (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009 – 0.490	2400/F(kHz)	300
0.490 – 1.705	24000/F(kHz)	30
1.705 – 30.0	30	30
30 – 88	100	3
88 – 216	150	3
216 - 960	200	3
Above 960	500	3

3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

1. The testing follows the ANSI C63.10 Section 11.12.1 Radiated emission measurements
2. The EUT is arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level.
3. The EUT is placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
4. The EUT is set 3 meters away from the receiving antenna, which is mounted on the top of a variable height antenna tower.
5. Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level
6. Radiated testing below 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading. When there is no suspected emission found and the emission level is with at least 6 dB margin against QP limit line, the position is marked as “-”.

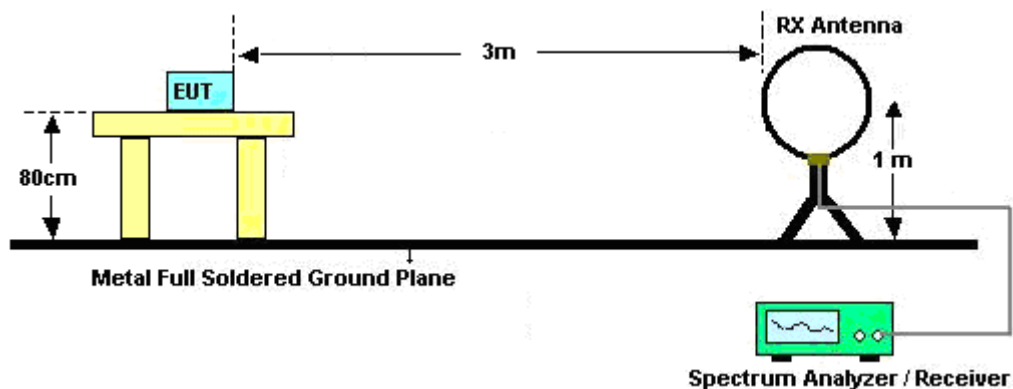
7. Radiated testing above 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading for scanning all frequencies. When there is no suspected emission found and the harmonic emission level is with at least 6 dB margin against average limit line, the position is marked as “-”.
8. Use the following spectrum analyzer settings:
 - (1) Span shall wide enough to fully capture the emission being measured;
 - (2) Set RBW=100 kHz for $f < 1$ GHz; VBW $\geq$ RBW; Sweep = auto; Detector function = peak; Trace = max hold;
 - (3) Set RBW = 1 MHz, VBW = 3 MHz for $f \geq 1$ GHz for peak measurement.

For average measurement:

 - VBW = 10 Hz, when duty cycle is no less than 98 percent.
 - VBW $\geq 1/T$, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.

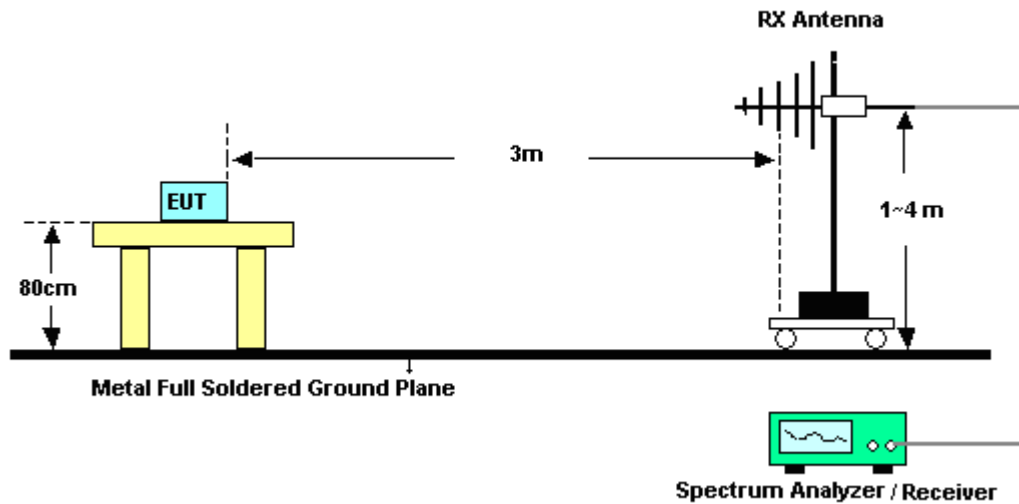
3.5.4 Test Setup

For radiated emissions below 30MHz

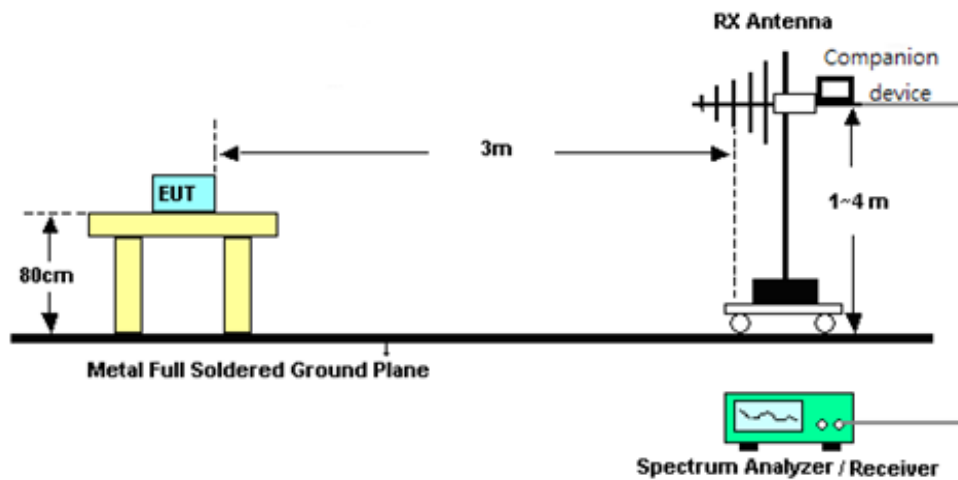


For radiated emissions from 30MHz to 1GHz

<CDD Mode>

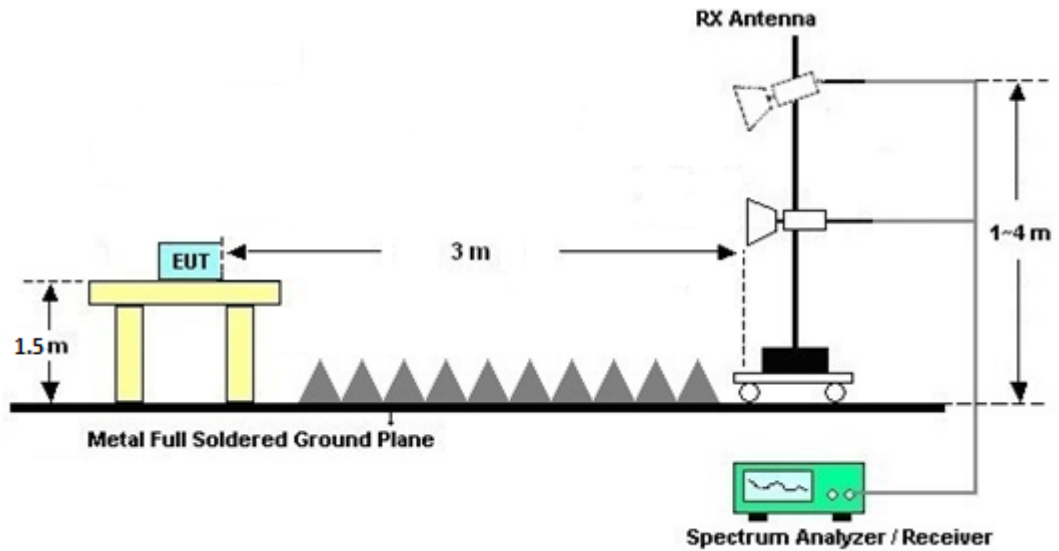


<TXBF Modes>

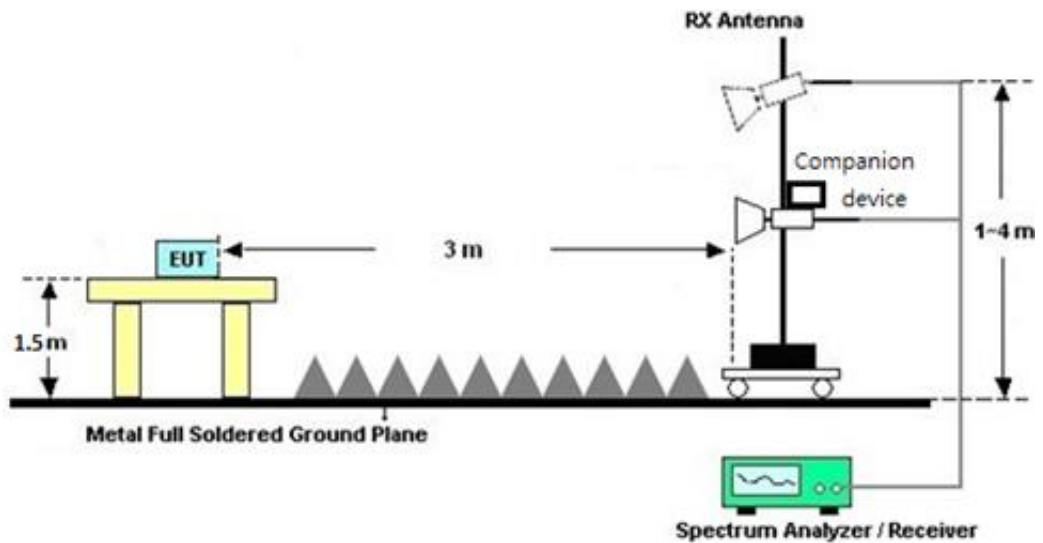


For radiated test from 1GHz to 18GHz

<CDD Mode>

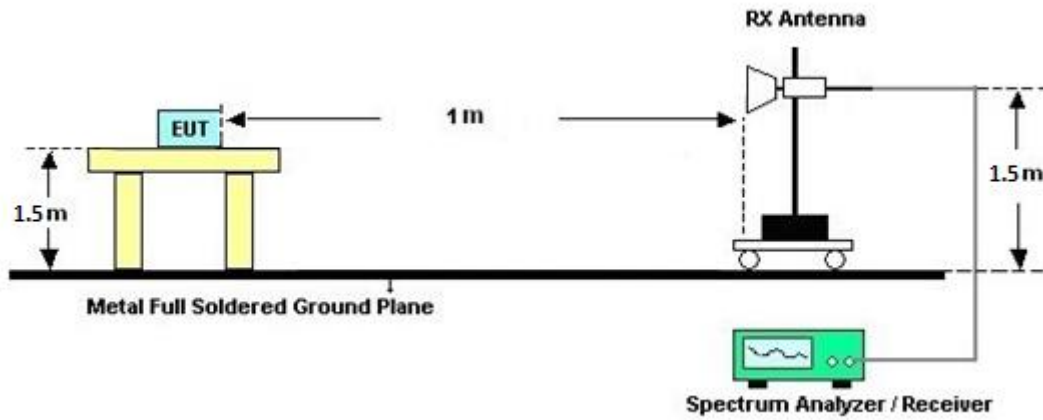


<TXBF Modes>

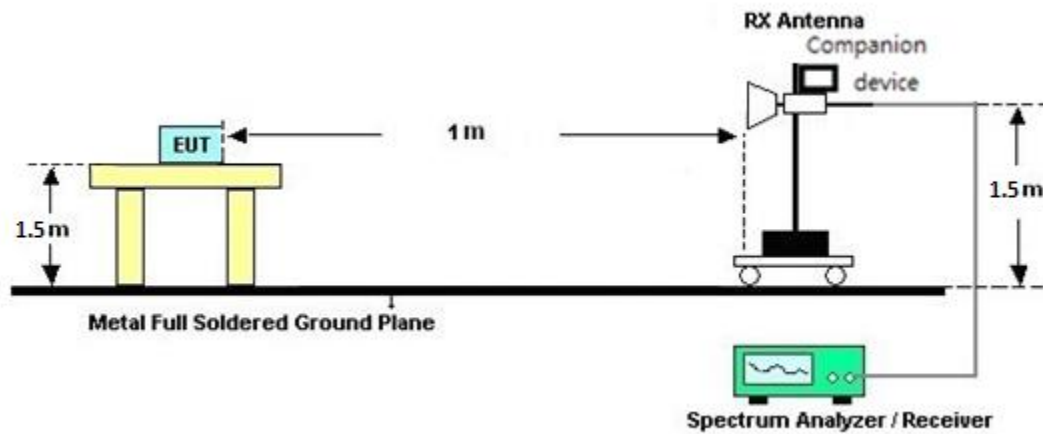


For radiated test above 18GHz

<CDD Mode>



<TXBF Modes>



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

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

There is adequate comparison measurement of both open-field test site and alternative test site - semi-Anechoic chamber according to 414788 D01 Radiated Test Site v01r01, and the result comes out very similar.

3.5.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C and D.

3.5.7 Duty Cycle

Please refer to Appendix E.

3.5.8 Test Result of Radiated Spurious Emission (30 MHz ~ 10th Harmonic)

Please refer to Appendix C and D.

3.6 AC Conducted Emission Measurement

3.6.1 Limit of AC Conducted Emission

For equipment that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the following table.

Frequency of Emission (MHz)	Conducted Limit (dB μ V)	
	Quasi-Peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

*Decreases with the logarithm of the frequency.

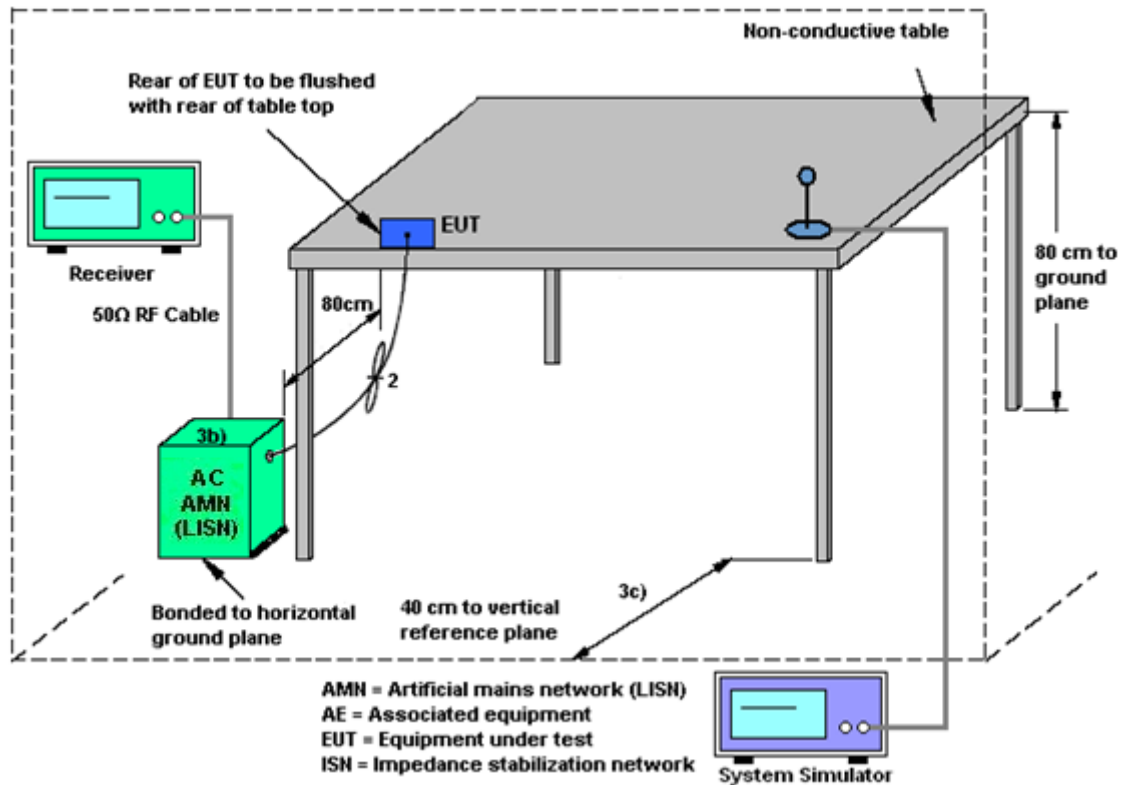
3.6.2 Measuring Instruments

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

3.6.3 Test Procedures

1. The EUT is placed 0.4 meter away from the conducting wall of the shielding room, and is kept at least 80 centimeters from any other grounded conducting surface.
2. Connect EUT to the power mains through a line impedance stabilization network (LISN).
3. All the support units are connecting to the other LISN.
4. The LISN provides 50 ohm coupling impedance for the measuring instrument.
5. The FCC states that a 50 ohm, 50 microhenry LISN shall be used.
6. Both Line and Neutral shall be tested in order to find out the maximum conducted emission.
7. The frequency range from 150 kHz to 30 MHz is scanned.
8. Set the test-receiver system to Peak Detect Function and specified bandwidth (IF bandwidth = 9 kHz) with Maximum Hold Mode.

3.6.4 Test Setup



3.6.5 Test Result of AC Conducted Emission

Please refer to Appendix B.

3.7 Antenna Requirements

3.7.1 Standard Applicable

If directional gain of transmitting antennas is greater than 6 dBi, the power shall be reduced by the same level in dB comparing to gain minus 6 dBi. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the rule.

3.7.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.7.3 Antenna Gain

<CDD Modes >

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.

<CDD Modes>						
			DG for Power (dBi)	DG for PSD (dBi)	Power Limit Reduction (dB)	PSD Limit Reduction (dB)
	Ant. 4 (dBi)	Ant. 5 (dBi)				
2.4 GHz	-4.00	-5.60	-4.00	-1.75	0.00	0.00

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

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

TXBF modes

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

For CDD transmissions, directional gain is calculated as

$$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$$

where

Each antenna is driven by no more than one spatial stream;

N_{SS} = the number of independent spatial streams of data;

N_{ANT} = the total number of antennas

$g_{j,k} = 10^{G_k / 20}$ if the k th antenna is being fed by spatial stream j , or zero if it is not;
 G_k is the gain in dBi of the k th antenna.

The EUT supports beamforming for 802.11ac modes.

The directional gain calculation is following F)2)e)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.

			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	-4.00	-5.60	-1.75	-1.75	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	100315	9 kHz~30 MHz	Jan. 04, 2021	Nov. 10, 2021~ Nov. 30, 2021	Jan. 03, 2022	Radiation (03CH15-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N -06	41912 & 05	30MHz~1GHz	Feb. 08, 2021	Nov. 10, 2021~ Nov. 30, 2021	Feb. 07, 2022	Radiation (03CH15-HY)
Amplifier	SONOMA	310N	363440	9kHz~1GHz	Dec. 28, 2020	Nov. 10, 2021~ Nov. 30, 2021	Dec. 27, 2021	Radiation (03CH15-HY)
Horn Antenna	SCHWARZBE CK	BBHA 9120 D	9120D-01620	1GHz~18GHz	Oct. 25, 2021	Nov. 10, 2021~ Nov. 30, 2021	Oct. 24, 2022	Radiation (03CH15-HY)
SHF-EHF Horn Antenna	SCHWARZBE CK	BBHA 9170	00991	18GHz~40GHz	May 12, 2021	Nov. 10, 2021~ Nov. 30, 2021	May 11, 2022	Radiation (03CH15-HY)
Preamplifier	Jet-Power	JPA0118-55-30 3	17100018000 55006	1GHz~18GHz	May 06, 2021	Nov. 10, 2021~ Nov. 30, 2021	May 05, 2022	Radiation (03CH15-HY)
Preamplifier	Keysight	83017A	MY53270195	1GHz~26.5GHz	Aug. 19, 2021	Nov. 10, 2021~ Nov. 30, 2021	Aug. 18, 2022	Radiation (03CH15-HY)
Preamplifier	EMEC	EM18G40G	060801	18-40GHz	Jun. 22, 2021	Nov. 10, 2021~ Nov. 30, 2021	Jun. 21, 2022	Radiation (03CH15-HY)
EMI Test Receiver	Keysight	N9038A(MXE)	MY55420170	20MHz~8.4GHz	Jul. 15, 2021	Nov. 10, 2021~ Nov. 30, 2021	Jul. 14, 2022	Radiation (03CH15-HY)
Spectrum Analyzer	Agilent	E4446A	MY50180136	3Hz~44GHz	May 07, 2021	Nov. 10, 2021~ Nov. 30, 2021	May 06, 2022	Radiation (03CH15-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Nov. 10, 2021~ Nov. 30, 2021	N/A	Radiation (03CH15-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Nov. 10, 2021~ Nov. 30, 2021	N/A	Radiation (03CH15-HY)
Software	Audix	E3 6.2009-8-24 (k5)	RK-000451	N/A	N/A	Nov. 10, 2021~ Nov. 30, 2021	N/A	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104, 102E	MY36980/4, MY9838/4PE, 508405/2E	30MHz~18G	Nov. 16, 2020	Nov. 10, 2021~ Nov. 14, 2021	Nov. 15, 2021	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104, 102E	MY36980/4, MY9838/4PE, 508405/2E	30MHz~18G	Nov. 15, 2021	Nov. 15, 2021~ Nov. 30, 2021	Nov. 14, 2022	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	505134/2	30MHz-40GHz	Feb. 22, 2021	Nov. 10, 2021~ Nov. 30, 2021	Feb. 21, 2022	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	800740/2	30MHz-40GHz	Feb. 22, 2021	Nov. 10, 2021~ Nov. 30, 2021	Feb. 21, 2022	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY9837/4PE	9kHz~30MHz	Mar. 11, 2021	Nov. 10, 2021~ Nov. 30, 2021	Mar. 10, 2022	Radiation (03CH15-HY)
Filter	Wainwright	WLJ4-1000-15 30-6000-40ST	SN4	1.53GHz Low Pass Filter	Jul. 02, 2021	Nov. 10, 2021~ Nov. 30, 2021	Jul. 01, 2022	Radiation (03CH15-HY)
Filter	Wainwright	WHKX12-2700 -3000-18000-6 OST	SN4	3GHz High Pass Filter	Sep. 15, 2021	Nov. 10, 2021~ Nov. 30, 2021	Sep. 14, 2022	Radiation (03CH15-HY)



Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Nov. 05, 2021	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	9kHz~3.6GHz	Nov. 30, 2020	Nov. 05, 2021	Nov. 29, 2021	Conduction (CO05-HY)
Hygrometer	Testo	608-H1	34913912	N/A	Nov. 18, 2020	Nov. 05, 2021	Nov. 17, 2021	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100080	9kHz~30MHz	Dec. 01, 2020	Nov. 05, 2021	Nov. 30, 2021	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100081	9kHz~30MHz	Nov. 16, 2020	Nov. 05, 2021	Nov. 15, 2021	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Nov. 05, 2021	N/A	Conduction (CO05-HY)
Pulse Limiter	SCHWARZBECK	VTSD 9561-FN	00691	N/A	Jul. 28, 2021	Nov. 05, 2021	Jul. 27, 2022	Conduction (CO05-HY)
LISN Cable	MVE	RG-400	260260	N/A	Dec. 31, 2020	Nov. 05, 2021	Dec. 30, 2021	Conduction (CO05-HY)
Hygrometer	Testo	608-H1	34893241	N/A	Mar. 01, 2021	Oct. 21, 2021~ Dec. 03, 2021	Feb. 28, 2022	Conducted (TH05-HY)
Power Sensor	DARE	RPR3006W	16I00054SNO12	10MHz~6GHz	Dec. 16, 2020	Oct. 21, 2021~ Dec. 03, 2021	Dec. 15, 2021	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101564	10Hz ~ 40GHz	Aug. 30, 2021	Oct. 21, 2021~ Dec. 03, 2021	Aug. 29, 2022	Conducted (TH05-HY)
DC Power Supply	GW Instek	GPE2323	GET861546	0V~64V 0A~6A	Jun. 22, 2021	Nov. 05, 2021 ~ Nov. 18, 2021	Jun. 21, 2022	Conducted (TH05-HY)
Switch Box & RF Cable	EM Electronics	EMSW18SE	SW200302	N/A	Mar. 17, 2021	Oct. 21, 2021~ Dec. 03, 2021	Mar. 16, 2022	Conducted (TH05-HY)

5 Uncertainty of Evaluation

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

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.8 dB
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Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.6 dB
---	--------

Appendix A. Test Result of Conducted Test Items

<CDD Mode>

Test Engineer:	Shiming Liu	Temperature:	22.8~24.3	°C
Test Date:	2021/10/21~2021/12/3	Relative Humidity:	48.6~52.5	%

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
					Ant4	Ant5	Ant4	Ant5		
11b	1Mbps	2	1	2412	13.34	13.39	8.05	8.05	0.50	Pass
11b	1Mbps	2	6	2437	13.64	13.69	8.06	8.54	0.50	Pass
11b	1Mbps	2	11	2462	13.54	13.54	7.61	8.08	0.50	Pass
11g	6Mbps	2	1	2412	17.03	17.13	15.95	16.34	0.50	Pass
11g	6Mbps	2	6	2437	17.33	17.38	16.34	16.07	0.50	Pass
11g	6Mbps	2	11	2462	17.18	17.13	16.35	16.35	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
					Ant4	Ant5	SUM	Ant4	Ant5	Ant4	Ant5	Ant4	Ant5	Ant4	Ant5	
11b	1Mbps	2	1	2412	18.90	19.30	22.11	30.00		-4.00		18.11		36.00		Pass
11b	1Mbps	2	6	2437	18.80	19.40	22.12	30.00		-4.00		18.12		36.00		Pass
11b	1Mbps	2	11	2462	18.50	18.80	21.66	30.00		-4.00		17.66		36.00		Pass
11g	6Mbps	2	1	2412	18.10	19.40	21.81	30.00		-4.00		17.81		36.00		Pass
11g	6Mbps	2	6	2437	18.90	18.80	21.86	30.00		-4.00		17.86		36.00		Pass
11g	6Mbps	2	11	2462	17.90	17.90	20.91	30.00		-4.00		16.91		36.00		Pass
HT20	MCS0	2	1	2412	17.50	17.50	20.51	30.00		-4.00		16.51		36.00		Pass
HT20	MCS0	2	6	2437	18.80	18.60	21.71	30.00		-4.00		17.71		36.00		Pass
HT20	MCS0	2	11	2462	15.90	16.60	19.27	30.00		-4.00		15.27		36.00		Pass
HT40	MCS0	2	3	2422	18.10	17.90	21.01	30.00		-4.00		17.01		36.00		Pass
HT40	MCS0	2	6	2437	17.90	17.90	20.91	30.00		-4.00		16.91		36.00		Pass
HT40	MCS0	2	9	2452	15.30	15.00	18.16	30.00		-4.00		14.16		36.00		Pass
VHT20	MCS0	2	1	2412	17.40	17.40	20.41	30.00		-4.00		16.41		36.00		Pass
VHT20	MCS0	2	6	2437	18.70	18.50	21.61	30.00		-4.00		17.61		36.00		Pass
VHT20	MCS0	2	11	2462	15.80	16.50	19.17	30.00		-4.00		15.17		36.00		Pass
VHT40	MCS0	2	3	2422	18.00	17.80	20.91	30.00		-4.00		16.91		36.00		Pass
VHT40	MCS0	2	6	2437	17.80	17.80	20.81	30.00		-4.00		16.81		36.00		Pass
VHT40	MCS0	2	9	2452	15.30	15.00	18.16	30.00		-4.00		14.16		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
					Ant4	Ant5	Worse + 3.01	Ant4	Ant5	Ant4	Ant5	
11b	1Mbps	2	1	2412	-6.18	-5.46	-2.45	-1.75		8.00		Pass
11b	1Mbps	2	6	2437	-5.88	-5.68	-2.67	-1.75		8.00		Pass
11b	1Mbps	2	11	2462	-5.40	-5.41	-2.39	-1.75		8.00		Pass
11g	6Mbps	2	1	2412	-8.90	-7.51	-4.50	-1.75		8.00		Pass
11g	6Mbps	2	6	2437	-8.30	-8.53	-5.29	-1.75		8.00		Pass
11g	6Mbps	2	11	2462	-9.45	-9.21	-6.20	-1.75		8.00		Pass

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

TEST RESULTS DATA
6dB and 99% Occupied Bandwidth

2.4GHz Band MIMO											
Mod.	Data Rate	Ntx	CH.	Freq. (MHz)	RU Config	99% Occupied BW (MHz)		6dB BW (MHz)		6dB BW Limit (MHz)	Pass/Fail
						Ant4	Ant5	Ant4	Ant5		
HE20	MCS0	2	1	2412	Full	19.28	19.33	18.50	18.03	0.50	Pass
HE20	MCS0	2	6	2437	Full	19.48	19.48	18.86	18.85	0.50	Pass
HE20	MCS0	2	11	2462	Full	19.33	19.38	18.93	18.85	0.50	Pass
HE40	MCS0	2	3	2422	Full	37.66	37.76	36.91	36.19	0.50	Pass
HE40	MCS0	2	6	2437	Full	38.06	38.06	36.55	36.57	0.50	Pass
HE40	MCS0	2	9	2452	Full	38.06	38.06	37.71	38.09	0.50	Pass

TEST RESULTS DATA
Average Output Power

2.4GHz Band MIMO																	
Mod.	Data Rate	N _{Tx}	CH.	Freq. (MHz)	RU Config	Average Conducted Power (dBm)			Conducted Power Limit (dBm)		DG (dBi)		EIRP Power (dBm)		EIRP Power Limit (dBm)		Pass /Fail
						Ant4	Ant5	SUM	Ant4	Ant5	Ant4	Ant5	Ant4	Ant5	Ant4	Ant5	
HE20	MCS0	2	1	2412	Full	17.60	17.60	20.61	30.00		-4.00		16.61		36.00		Pass
HE20	MCS0	2	1	2412	26/0	6.80	6.80	9.81	30.00		-4.00		5.81		36.00		Pass
HE20	MCS0	2	6	2437	Full	18.90	18.70	21.81	30.00		-4.00		17.81		36.00		Pass
HE20	MCS0	2	6	2437	26/4	10.00	9.80	12.91	30.00		-4.00		8.91		36.00		Pass
HE20	MCS0	2	11	2462	Full	16.00	16.70	19.37	30.00		-4.00		15.37		36.00		Pass
HE20	MCS0	2	11	2462	26/8	9.50	7.40	11.59	30.00		-4.00		7.59		36.00		Pass
HE40	MCS0	2	3	2422	Full	18.20	18.00	21.11	30.00		-4.00		17.11		36.00		Pass
HE40	MCS0	2	6	2437	Full	18.00	18.00	21.01	30.00		-4.00		17.01		36.00		Pass
HE40	MCS0	2	9	2452	Full	15.50	15.40	18.46	30.00		-4.00		14.46		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
						Ant4	Ant5	Worse + 3.01	Ant4	Ant5	Ant4	Ant5	
HE20	MCS0	2	1	2412	Full	-8.34	-8.84	-5.33	-1.75		8.00		Pass
HE20	MCS0	2	1	2412	26/0	-8.50	-9.17	-5.49	-1.75		8.00		Pass
HE20	MCS0	2	6	2437	Full	-7.02	-7.48	-4.01	-1.75		8.00		Pass
HE20	MCS0	2	6	2437	26/4	-7.38	-7.94	-4.37	-1.75		8.00		Pass
HE20	MCS0	2	11	2462	Full	-10.22	-9.63	-6.62	-1.75		8.00		Pass
HE20	MCS0	2	11	2462	26/8	-10.29	-9.64	-6.63	-1.75		8.00		Pass
HE40	MCS0	2	3	2422	Full	-11.12	-11.59	-8.11	-1.75		8.00		Pass
HE40	MCS0	2	6	2437	Full	-11.28	-11.28	-8.27	-1.75		8.00		Pass
HE40	MCS0	2	9	2452	Full	-14.26	-14.09	-11.08	-1.75		8.00		Pass

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

<TXBF Mode>

Test Engineer:	Benny Ku	Temperature:	21~25	°C
Test Date:	2021/11/5~2021/11/18	Relative Humidity:	51~54	%

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
					Ant4	Ant5	SUM	Ant4	Ant5	Ant4	Ant5	Ant4	Ant5	Ant4	Ant5	
VHT20	MCS0	2	1	2412	16.70	16.60	19.66	30.00		-1.75		17.91		36.00		Pass
VHT20	MCS0	2	6	2437	16.60	16.50	19.56	30.00		-1.75		17.81		36.00		Pass
VHT20	MCS0	2	11	2462	16.50	16.30	19.41	30.00		-1.75		17.66		36.00		Pass
VHT40	MCS0	2	3	2422	16.20	16.70	19.47	30.00		-1.75		17.71		36.00		Pass
VHT40	MCS0	2	6	2437	15.80	16.10	18.96	30.00		-1.75		17.21		36.00		Pass
VHT40	MCS0	2	9	2452	16.00	16.30	19.16	30.00		-1.75		17.41		36.00		Pass

Note: Measured power (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
						Ant4	Ant5	Ant4	Ant5		
HE20	MCS 0	2	1	2412	Full	19.33	19.43	19.07	19.04	0.50	Pass
HE20	MCS 0	2	6	2437	Full	19.83	19.83	19.06	19.06	0.50	Pass
HE20	MCS 0	2	11	2462	Full	19.78	19.88	19.10	19.00	0.50	Pass
HE40	MCS 0	2	3	2422	Full	38.16	38.16	33.88	35.14	0.50	Pass
HE40	MCS 0	2	6	2437	Full	38.46	38.46	37.64	32.64	0.50	Pass
HE40	MCS 0	2	9	2452	Full	38.56	38.46	37.10	37.70	0.50	Pass

TEST RESULTS DATA
Average Output Power

2.4GHz Band MIMO																	
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config	Average Conducted Power (dBm)			Conducted Power Limit (dBm)		DG (dBi)		EIRP Power (dBm)		EIRP Power Limit (dBm)		Pass /Fail
						Ant4	Ant5	SUM	Ant4	Ant5	Ant4	Ant5	Ant4	Ant5	Ant4	Ant5	
HE20	MCS0	2	1	2412	Full	16.80	16.70	19.76	30.00		-1.75		18.01		36.00		Pass
HE20	MCS0	2	6	2437	Full	16.70	16.60	19.66	30.00		-1.75		17.91		36.00		Pass
HE20	MCS0	2	11	2462	Full	16.60	16.40	19.51	30.00		-1.75		17.76		36.00		Pass
HE40	MCS0	2	3	2422	Full	16.30	16.80	19.57	30.00		-1.75		17.81		36.00		Pass
HE40	MCS0	2	6	2437	Full	15.90	16.20	19.06	30.00		-1.75		17.31		36.00		Pass
HE40	MCS0	2	9	2452	Full	16.10	16.40	19.26	30.00		-1.75		17.51		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
						Ant4	Ant5	Worse + 3.01	Ant4	Ant5	Ant4	Ant5	
HE20	MCS0	2	1	2412	Full	-11.25	-9.72	-6.71	-1.75		8.00		Pass
HE20	MCS0	2	6	2437	Full	-11.67	-12.07	-8.66	-1.75		8.00		Pass
HE20	MCS0	2	11	2462	Full	-11.52	-12.07	-8.51	-1.75		8.00		Pass
HE40	MCS0	2	3	2422	Full	-15.40	-15.55	-12.39	-1.75		8.00		Pass
HE40	MCS0	2	6	2437	Full	-15.29	-14.80	-11.79	-1.75		8.00		Pass
HE40	MCS0	2	9	2452	Full	-14.42	-15.07	-11.41	-1.75		8.00		Pass

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



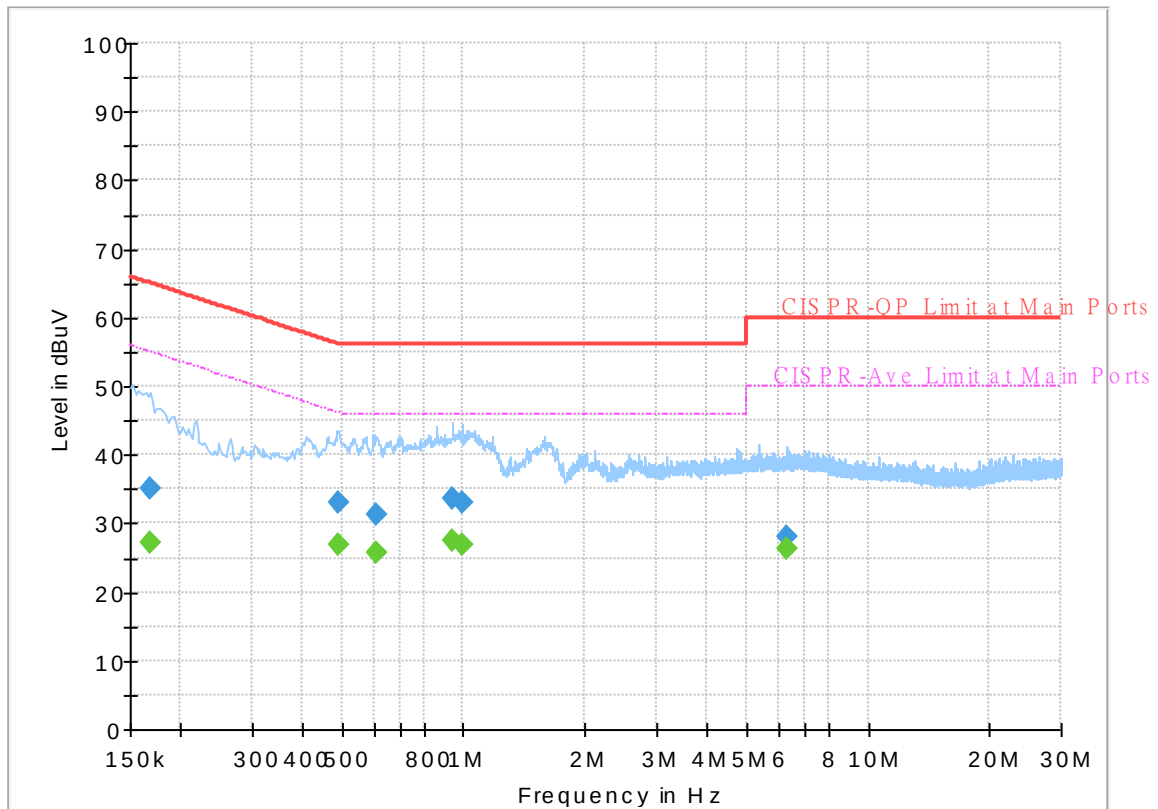
Appendix B. AC Conducted Emission Test Results

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

EUT Information

Report NO : 1O2008
Test Mode : Mode 1
Test Voltage : 120Vac/60Hz
Phase : Line

Full Spectrum



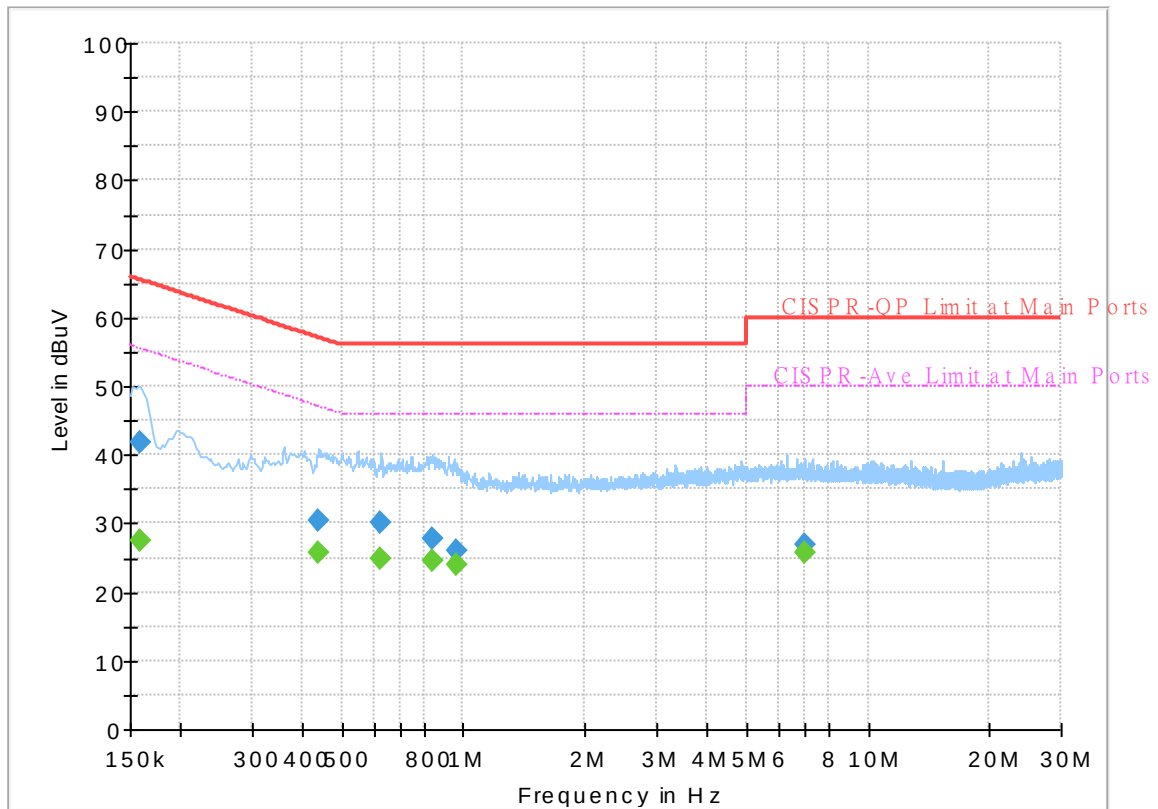
Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.168000	---	27.20	55.06	27.86	L1	OFF	19.7
0.168000	35.00	---	65.06	30.06	L1	OFF	19.7
0.492000	---	26.93	46.13	19.20	L1	OFF	19.8
0.492000	33.13	---	56.13	23.00	L1	OFF	19.8
0.611250	---	25.81	46.00	20.19	L1	OFF	19.9
0.611250	31.31	---	56.00	24.69	L1	OFF	19.9
0.939750	---	27.35	46.00	18.65	L1	OFF	20.2
0.939750	33.69	---	56.00	22.31	L1	OFF	20.2
0.991500	---	27.02	46.00	18.98	L1	OFF	20.2
0.991500	33.10	---	56.00	22.90	L1	OFF	20.2
6.279000	---	26.40	50.00	23.60	L1	OFF	20.0
6.279000	28.22	---	60.00	31.78	L1	OFF	20.0

EUT Information

Report NO : 1O2008
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)
0.159000	---	27.54	55.52	27.98	N	OFF	19.7
0.159000	41.68	---	65.52	23.84	N	OFF	19.7
0.440250	---	25.63	47.06	21.43	N	OFF	19.7
0.440250	30.51	---	57.06	26.55	N	OFF	19.7
0.624750	---	24.98	46.00	21.02	N	OFF	19.9
0.624750	30.14	---	56.00	25.86	N	OFF	19.9
0.836250	---	24.71	46.00	21.29	N	OFF	20.1
0.836250	27.80	---	56.00	28.20	N	OFF	20.1
0.964500	---	24.09	46.00	21.91	N	OFF	20.2
0.964500	26.12	---	56.00	29.88	N	OFF	20.2
6.994500	---	25.81	50.00	24.19	N	OFF	20.1
6.994500	27.02	---	60.00	32.98	N	OFF	20.1



Appendix C. Radiated Spurious Emission

Test Engineer :	Leo Lee, Mancy Chou and Bigshow Wang	Temperature :	22.1~23.5°C
		Relative Humidity :	55~65%

<CDD Mode>

2.4GHz 2400~2483.5MHz WIFI 802.11b (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)
802.11b CH 01 2412MHz		2312.73	48.47	-25.53	74	45.76	27.97	16.44	41.7	300	30	P	H
		2388.33	37.59	-16.41	54	34.91	27.82	16.56	41.7	300	30	A	H
	*	2412	105.01	-	-	102.36	27.75	16.6	41.7	300	30	P	H
	*	2412	101.9	-	-	99.25	27.75	16.6	41.7	300	30	A	H
													H
													H
		2344.44	47.9	-26.1	74	45.2	27.91	16.49	41.7	100	269	P	V
		2388.54	37.87	-16.13	54	35.19	27.82	16.56	41.7	100	269	A	V
	*	2412	106.9	-	-	104.25	27.75	16.6	41.7	100	269	P	V
	*	2412	103.78	-	-	101.13	27.75	16.6	41.7	100	269	A	V
													V
													V
802.11b CH 06 2437MHz		2315.28	48.96	-25.04	74	46.25	27.97	16.44	41.7	300	29	P	H
		2389.84	37.55	-16.45	54	34.87	27.82	16.56	41.7	300	29	A	H
	*	2437	104.42	-	-	101.83	27.65	16.64	41.7	300	29	P	H
	*	2437	101.28	-	-	98.69	27.65	16.64	41.7	300	29	A	H
		2488.84	48	-26	74	45.38	27.6	16.72	41.7	300	29	P	H
		2483.89	37.55	-16.45	54	34.94	27.6	16.71	41.7	300	29	A	H
		2384.88	48.59	-25.41	74	45.9	27.83	16.56	41.7	100	266	P	V
		2389.68	37.73	-16.27	54	35.05	27.82	16.56	41.7	100	266	A	V
	*	2437	105.74	-	-	103.15	27.65	16.64	41.7	100	266	P	V
	*	2437	102.24	-	-	99.65	27.65	16.64	41.7	100	266	A	V
		2497.3	48.28	-25.72	74	45.65	27.6	16.73	41.7	100	266	P	V
		2484.16	37.5	-16.5	54	34.89	27.6	16.71	41.7	100	266	A	V



802.11b CH 11 2462MHz	*	2462	107.21	-	-	104.63	27.6	16.68	41.7	100	129	P	H
	*	2462	103.8	-	-	101.22	27.6	16.68	41.7	100	129	A	H
		2485.72	48.4	-25.6	74	45.79	27.6	16.71	41.7	100	129	P	H
		2484.76	38.06	-15.94	54	35.45	27.6	16.71	41.7	100	129	A	H
													H
													H
	*	2462	95.46	-	-	92.88	27.6	16.68	41.7	100	312	P	V
	*	2462	93.18	-	-	90.6	27.6	16.68	41.7	100	312	A	V
		2484.28	48.72	-25.28	74	46.11	27.6	16.71	41.7	100	312	P	V
		2486.48	38.56	-15.44	54	35.95	27.6	16.71	41.7	100	312	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 4+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	38.4	-35.6	74	55.81	31.3	10.15	58.86	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		4824	39.08	-34.92	74	56.49	31.3	10.15	58.86	-	-	P	V
													V
													V
													V
													V
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													V
													V
													V

[illegible]



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 11 2462MHz		4924	39.34	-34.66	74	56.64	31.4	10.25	58.95	-	-	P	H
		7386	44.39	-29.61	74	53.98	36.26	12.44	58.29	-	-	P	H
													H
													H
													H
													H
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													H
													H
													H
		4924	39.65	-34.35	74	56.95	31.4	10.25	58.95	-	-	P	V
		7386	44.15	-29.85	74	53.74	36.26	12.44	58.29	-	-	P	V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												



2.4GHz 2400~2483.5MHz
WIFI 802.11g (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)
802.11g CH 01 2412MHz		2389.86	56.41	-17.59	74	53.73	27.82	16.56	41.7	300	29	P	H
		2389.97	44.33	-9.67	54	41.65	27.82	16.56	41.7	300	29	A	H
	*	2412	108	-	-	105.35	27.75	16.6	41.7	300	29	P	H
	*	2412	100.44	-	-	97.79	27.75	16.6	41.7	300	29	A	H
													H
													H
		2389.86	59.14	-14.86	74	56.46	27.82	16.56	41.7	100	266	P	V
		2389.97	46.75	-7.25	54	44.07	27.82	16.56	41.7	100	266	A	V
	*	2412	108.51	-	-	105.86	27.75	16.6	41.7	100	266	P	V
	*	2412	100.73	-	-	98.08	27.75	16.6	41.7	100	266	A	V
													V
													V
802.11g CH 06 2437MHz		2326.48	48.19	-25.81	74	45.48	27.95	16.46	41.7	300	29	P	H
		2389.84	37.64	-16.36	54	34.96	27.82	16.56	41.7	300	29	A	H
	*	2437	106.35	-	-	103.76	27.65	16.64	41.7	300	29	P	H
	*	2437	98.96	-	-	96.37	27.65	16.64	41.7	300	29	A	H
		2493.79	48.05	-25.95	74	45.42	27.6	16.73	41.7	300	29	P	H
		2483.71	37.66	-16.34	54	35.05	27.6	16.71	41.7	300	29	A	H
		2388.88	48.62	-25.38	74	45.94	27.82	16.56	41.7	100	266	P	V
		2390	38	-16	54	35.32	27.82	16.56	41.7	100	266	A	V
	*	2437	108.29	-	-	105.7	27.65	16.64	41.7	100	266	P	V
	*	2437	100.64	-	-	98.05	27.65	16.64	41.7	100	266	A	V
		2484.34	48.02	-25.98	74	45.41	27.6	16.71	41.7	100	266	P	V
		2483.62	37.5	-16.5	54	34.89	27.6	16.71	41.7	100	266	A	V



802.11g CH 11 2462MHz	*	2462	107.3	-	-	104.72	27.6	16.68	41.7	100	127	P	H
	*	2462	99.31	-	-	96.73	27.6	16.68	41.7	100	127	A	H
		2483.55	59.83	-14.17	74	57.22	27.6	16.71	41.7	100	127	P	H
		2483.5	46.95	-7.05	54	44.34	27.6	16.71	41.7	100	127	A	H
													H
													H
	*	2462	108.71	-	-	106.13	27.6	16.68	41.7	100	307	P	V
	*	2462	102.41	-	-	99.83	27.6	16.68	41.7	100	307	A	V
		2483.7	62.49	-11.51	74	59.88	27.6	16.71	41.7	100	307	P	V
		2483.9	49.55	-4.45	54	46.94	27.6	16.71	41.7	100	307	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11g (Harmonic @ 3m)

WIFI Ant. 4+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)
802.11g CH 01 2412MHz		4824	38.88	-35.12	74	56.29	31.3	10.15	58.86	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		4824	39.08	-34.92	74	56.49	31.3	10.15	58.86	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

[illegible]

[illegible]



2.4GHz 2400~2483.5MHz

WIFI 802.11ax 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		2388.65	59.43	-14.57	74	56.75	27.82	16.56	41.7	350	24	P	H
		2389.97	46.19	-7.81	54	43.51	27.82	16.56	41.7	350	24	A	H
	*	2412	108.93	-	-	106.28	27.75	16.6	41.7	350	24	P	H
	*	2412	98.71	-	-	96.06	27.75	16.6	41.7	350	24	A	H
													H
													H
		2390	65.4	-8.6	74	62.72	27.82	16.56	41.7	100	311	P	V
		2390	48.88	-5.12	54	46.2	27.82	16.56	41.7	100	311	A	V
	*	2412	109.93	-	-	107.28	27.75	16.6	41.7	100	311	P	V
	*	2412	100.63	-	-	97.98	27.75	16.6	41.7	100	311	A	V
													V
													V
802.11ax HE20 Full CH 06 2437MHz		2337.52	48.98	-25.02	74	46.28	27.92	16.48	41.7	100	127	P	H
		2390	37.93	-16.07	54	35.25	27.82	16.56	41.7	100	127	A	H
	*	2437	110.55	-	-	107.96	27.65	16.64	41.7	100	127	P	H
	*	2437	100.19	-	-	97.6	27.65	16.64	41.7	100	127	A	H
		2498.02	48.66	-25.34	74	46.03	27.6	16.73	41.7	100	127	P	H
		2484.7	37.8	-16.2	54	35.19	27.6	16.71	41.7	100	127	A	H
		2384.4	49.01	-24.99	74	46.33	27.83	16.55	41.7	100	309	P	V
		2390	38.33	-15.67	54	35.65	27.82	16.56	41.7	100	309	A	V
	*	2437	112.01	-	-	109.42	27.65	16.64	41.7	100	309	P	V
	*	2437	102.65	-	-	100.06	27.65	16.64	41.7	100	309	A	V
		2487.31	48.59	-25.41	74	45.97	27.6	16.72	41.7	100	309	P	V
		2483.62	38.39	-15.61	54	35.78	27.6	16.71	41.7	100	309	A	V



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 11 2462MHz	*	2462	109	-	-	106.42	27.6	16.68	41.7	100	128	P	H
	*	2462	98.3	-	-	95.72	27.6	16.68	41.7	100	128	A	H
		2484.15	60.13	-13.87	74	57.52	27.6	16.71	41.7	100	128	P	H
		2483.5	46.83	-7.17	54	44.22	27.6	16.71	41.7	100	128	A	H
													H
													H
	*	2462	110.41	-	-	107.83	27.6	16.68	41.7	100	312	P	V
	*	2462	99.53	-	-	96.95	27.6	16.68	41.7	100	312	A	V
		2483.55	64.31	-9.69	74	61.7	27.6	16.71	41.7	100	312	P	V
		2483.5	50.18	-3.82	54	47.57	27.6	16.71	41.7	100	312	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

2.4GHz 2400~2483.5MHz

WIFI 802.11 ax HE20 Full (Harmonic @ 3m)

[illegible]



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 06 2437MHz		4874	38.8	-35.2	74	56.2	31.3	10.2	58.9	-	-	P	H
		7311	44.21	-29.79	74	53.9	36.32	12.42	58.43	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		4874	39.32	-34.68	74	56.72	31.3	10.2	58.9	-	-	P	V
		7311	43.6	-30.4	74	53.29	36.32	12.42	58.43	-	-	P	V
													V
													V
													V
													V
													V
													V
													V

[illegible]



2.4GHz 2400~2483.5MHz

WIFI 802.11ax HE20 Partial 26 (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 26/0 CH 01 2412MHz		2366.21	49.29	-24.71	74	46.04	27.87	16.52	41.14	100	79	P	H
		2389.86	37.03	-16.97	54	33.79	27.82	16.56	41.14	100	79	A	H
	*	2412	99.48	-	-	96.28	27.75	16.6	41.15	100	79	P	H
	*	2412	89.07	-	-	85.87	27.75	16.6	41.15	100	79	A	H
													H
													H
		2384.47	49.14	-24.86	74	45.9	27.83	16.55	41.14	360	115	P	V
		2389.97	36.95	-17.05	54	33.71	27.82	16.56	41.14	360	115	A	V
	*	2412	98.63	-	-	95.43	27.75	16.6	41.15	360	115	P	V
	*	2412	87.94	-	-	84.74	27.75	16.6	41.15	360	115	A	V
													V
													V
802.11ax HE20 Partial 26/8 CH 11 2462MHz	*	2462	99.13	-	-	96.01	27.6	16.68	41.16	300	153	P	H
	*	2462	91.11	-	-	87.99	27.6	16.68	41.16	300	153	A	H
		2490.05	48.64	-25.36	74	45.49	27.6	16.72	41.17	300	153	P	H
		2484.4	36.84	-17.16	54	33.7	27.6	16.71	41.17	300	153	A	H
													H
													H
	*	2462	103.63	-	-	100.51	27.6	16.68	41.16	100	300	P	V
	*	2462	95	-	-	91.88	27.6	16.68	41.16	100	300	A	V
		2490.2	48.92	-25.08	74	45.77	27.6	16.72	41.17	100	300	P	V
		2483.8	36.94	-17.06	54	33.8	27.6	16.71	41.17	100	300	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 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		2390	61.85	-12.15	74	59.17	27.82	16.56	41.7	100	285	P	H
		2390	46.6	-7.4	54	43.92	27.82	16.56	41.7	100	285	A	H
	*	2422	102.97	-	-	100.35	27.71	16.61	41.7	100	285	P	H
	*	2422	93.4	-	-	90.78	27.71	16.61	41.7	100	285	A	H
		2483.62	48.76	-25.24	74	46.15	27.6	16.71	41.7	100	285	P	H
		2483.98	37.61	-16.39	54	35	27.6	16.71	41.7	100	285	A	H
		2390	62.74	-11.26	74	60.06	27.82	16.56	41.7	100	309	P	V
		2390	48.77	-5.23	54	46.09	27.82	16.56	41.7	100	309	A	V
	*	2422	107.82	-	-	105.2	27.71	16.61	41.7	100	309	P	V
	*	2422	98.85	-	-	96.23	27.71	16.61	41.7	100	309	A	V
		2497.39	49.08	-24.92	74	46.45	27.6	16.73	41.7	100	309	P	V
		2483.53	37.92	-16.08	54	35.31	27.6	16.71	41.7	100	309	A	V
802.11ax HE40 Full CH 06 2437MHz		2389.2	51.9	-22.1	74	49.22	27.82	16.56	41.7	100	211	P	H
		2389.04	40.04	-13.96	54	37.36	27.82	16.56	41.7	100	211	A	H
	*	2437	107.89	-	-	105.3	27.65	16.64	41.7	100	211	P	H
	*	2437	97.31	-	-	94.72	27.65	16.64	41.7	100	211	A	H
		2490.46	49.22	-24.78	74	46.6	27.6	16.72	41.7	100	211	P	H
		2485.15	38.21	-15.79	54	35.6	27.6	16.71	41.7	100	211	A	H
		2389.52	52.17	-21.83	74	49.49	27.82	16.56	41.7	100	308	P	V
		2390	40.52	-13.48	54	37.84	27.82	16.56	41.7	100	308	A	V
	*	2437	107.92	-	-	105.33	27.65	16.64	41.7	100	308	P	V
	*	2437	97.72	-	-	95.13	27.65	16.64	41.7	100	308	A	V
		2483.62	55.6	-18.4	74	52.99	27.6	16.71	41.7	100	308	P	V
		2483.53	40.18	-13.82	54	37.57	27.6	16.71	41.7	100	308	A	V



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 09 2452MHz		2365.36	48.84	-25.16	74	46.15	27.87	16.52	41.7	171	153	P	H
		2390	38.02	-15.98	54	35.34	27.82	16.56	41.7	171	153	A	H
	*	2452	105.53	-	-	102.97	27.6	16.66	41.7	171	153	P	H
	*	2452	96.16	-	-	93.6	27.6	16.66	41.7	171	153	A	H
		2483.8	64.2	-9.8	74	61.59	27.6	16.71	41.7	171	153	P	H
		2483.53	50.36	-3.64	54	47.75	27.6	16.71	41.7	171	153	A	H
		2388.24	49.88	-24.12	74	47.2	27.82	16.56	41.7	100	310	P	V
		2390	38.32	-15.68	54	35.64	27.82	16.56	41.7	100	310	A	V
	*	2452	108.7	-	-	106.14	27.6	16.66	41.7	100	310	P	V
	*	2452	96.84	-	-	94.28	27.6	16.66	41.7	100	310	A	V
		2484.88	67.34	-6.66	74	64.73	27.6	16.71	41.7	100	310	P	V
		2486.23	48.57	-5.43	54	45.96	27.6	16.71	41.7	100	310	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 802.11 ax HE40 Full (Harmonic @ 3m)

[illegible]



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 06 2437MHz		4874	38.65	-35.35	74	56.05	31.3	10.2	58.9	-	-	P	H
		7311	44.26	-29.74	74	53.95	36.32	12.42	58.43	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		4874	38.77	-35.23	74	56.17	31.3	10.2	58.9	-	-	P	V
		7311	42.94	-31.06	74	52.63	36.32	12.42	58.43	-	-	P	V
													V
													V
													V
													V
													V
													V
													V



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 09 2452MHz		4904	38.36	-35.64	74	55.67	31.4	10.22	58.93	-	-	P	H
		7356	44.24	-29.76	74	53.77	36.38	12.44	58.35	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		4904	38.64	-35.36	74	55.95	31.4	10.22	58.93	-	-	P	V
		7356	44.43	-29.57	74	53.96	36.38	12.44	58.35	-	-	P	V
													V
													V
													V
													V
													V
													V
												V	
												V	
												V	
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												



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

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)
2.4GHz 802.11ax HE40 LF		73.65	24.32	-15.68	40	43.08	12.6	1.16	32.52	-	-	P	H
		123.12	31.55	-11.95	43.5	45.13	17.45	1.51	32.54	-	-	P	H
		251.16	22.42	-23.58	46	34.04	18.54	2.24	32.4	-	-	P	H
		461.65	24.86	-21.14	46	31.09	23.35	2.87	32.45	-	-	P	H
		721.61	28.87	-17.13	46	30.77	26.93	3.62	32.45	-	-	P	H
		904.94	31.4	-14.6	46	29.85	29.03	4.12	31.6	-	-	P	H
													H
													H
													H
													H
													H
													H
		30	29.51	-10.49	40	36.8	24.59	0.61	32.49	-	-	P	V
		117.3	23.41	-20.09	43.5	37.24	17.26	1.45	32.54	-	-	P	V
		210.42	20.84	-22.66	43.5	36.16	15.1	2.01	32.43	-	-	P	V
		261.83	19.46	-26.54	46	29.68	19.93	2.27	32.42	-	-	P	V
		556.71	26.28	-19.72	46	29.9	25.78	3.21	32.61	-	-	P	V
		873.9	31.78	-14.22	46	30.47	29.02	4.05	31.76	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												



<TXBF Mode>

2.4GHz 2400~2483.5MHz

WIFI 802.11ax HE20 Full (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.
4+5		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE20 Full CH 01 2412MHz		2387.805	52.57	-21.43	74	49.33	27.82	16.56	41.14	321	26	P	H
		2390	40.31	-13.69	54	37.07	27.82	16.56	41.14	321	26	A	H
	*	2412	103.03	-	-	99.83	27.75	16.6	41.15	321	26	P	H
	*	2412	93.86	-	-	90.66	27.75	16.6	41.15	321	26	A	H
													H
													H
		2360.715	49.85	-24.15	74	46.58	27.88	16.52	41.13	200	254	P	V
		2388.96	39.54	-14.46	54	36.3	27.82	16.56	41.14	200	254	A	V
	*	2412	94.81	-	-	91.61	27.75	16.6	41.15	200	254	P	V
	*	2412	85.54	-	-	82.34	27.75	16.6	41.15	200	254	A	V
802.11ax HE20 Full CH 06 2437MHz													V
													V
		2333.1	50.58	-23.42	74	47.31	27.93	16.47	41.13	305	27	P	H
		2363.9	39.59	-14.41	54	36.33	27.87	16.52	41.13	305	27	A	H
	*	2430	101.81	-	-	98.65	27.68	16.63	41.15	305	27	P	H
	*	2430	91.95	-	-	88.79	27.68	16.63	41.15	305	27	A	H
		2487.89	50.21	-23.79	74	47.06	27.6	16.72	41.17	305	27	P	H
		2485.16	39.66	-14.34	54	36.52	27.6	16.71	41.17	305	27	A	H
		2345.28	50.5	-23.5	74	47.23	27.91	16.49	41.13	200	254	P	V
		2333.94	39.52	-14.48	54	36.25	27.93	16.47	41.13	200	254	A	V
	*	2437	95.06	-	-	91.92	27.65	16.64	41.15	200	254	P	V
	*	2437	85.99	-	-	82.85	27.65	16.64	41.15	200	254	A	V
		2485.16	49.74	-24.26	74	46.6	27.6	16.71	41.17	200	254	P	V
		2488.66	39.59	-14.41	54	36.44	27.6	16.72	41.17	200	254	A	V



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 11 2462MHz	*	2462	99.06	-	-	95.94	27.6	16.68	41.16	200	244	P	H
	*	2462	90.07	-	-	86.95	27.6	16.68	41.16	200	244	A	H
		2483.68	50.13	-23.87	74	46.99	27.6	16.71	41.17	200	244	P	H
		2484.04	40.63	-13.37	54	37.49	27.6	16.71	41.17	200	244	A	H
													H
													H
	*	2462	97.59	-	-	94.47	27.6	16.68	41.16	313	325	P	V
	*	2462	88.87	-	-	85.75	27.6	16.68	41.16	313	325	A	V
		2497	49.65	-24.35	74	46.49	27.6	16.73	41.17	313	325	P	V
		2483.6	39.71	-14.29	54	36.57	27.6	16.71	41.17	313	325	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

2.4GHz 2400~2483.5MHz

WIFI 802.11 ax HE20 Full (Harmonic @ 3m)

[illegible]



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 06 2437MHz		4874	39.69	-34.31	74	57.09	31.3	10.2	58.9	-	-	P	H
		7311	44.2	-29.8	74	53.89	36.32	12.42	58.43	-	-	P	H
													H
													H
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													H
													H
													H
		4874	39.07	-34.93	74	56.47	31.3	10.2	58.9	-	-	P	V
		7311	43.83	-30.17	74	53.52	36.32	12.42	58.43	-	-	P	V
													V
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													V

[illegible]



2.4GHz 2400~2483.5MHz

WIFI 802.11ax 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		2389.36	61.45	-12.55	74	58.21	27.82	16.56	41.14	388	164	P	H
		2389.2	42.84	-11.16	54	39.6	27.82	16.56	41.14	388	164	A	H
	*	2422	97.08	-	-	93.91	27.71	16.61	41.15	388	164	P	H
	*	2422	87.06	-	-	83.89	27.71	16.61	41.15	388	164	A	H
		2497.66	49.75	-24.25	74	46.59	27.6	16.73	41.17	388	164	P	H
		2490.28	40.27	-13.73	54	37.12	27.6	16.72	41.17	388	164	A	H
		2389.04	60.54	-13.46	74	57.3	27.82	16.56	41.14	250	128	P	V
		2389.04	43.41	-10.59	54	40.17	27.82	16.56	41.14	250	128	A	V
	*	2422	91.29	-	-	88.12	27.71	16.61	41.15	250	128	P	V
	*	2422	80.19	-	-	77.02	27.71	16.61	41.15	250	128	A	V
		2486.95	51.38	-22.62	74	48.24	27.6	16.71	41.17	250	128	P	V
		2496.4	40.14	-13.86	54	36.98	27.6	16.73	41.17	250	128	A	V
802.11ax HE40 Full CH 06 2437MHz		2388.72	52.52	-21.48	74	49.28	27.82	6.64	41.14	223	25	P	H
		2390	40.52	-13.48	54	37.28	27.82	6.64	41.14	223	25	A	H
	*	2437	102.66	-	-	106.24	27.65	0	41.15	223	25	P	H
	*	2437	92.47	-	-	96.05	27.65	0	41.15	223	25	A	H
		2493.16	50.44	-23.56	74	47.29	27.6	6.8	41.17	223	25	P	H
		2484.34	40.65	-13.35	54	37.51	27.6	6.79	41.17	223	25	A	H
		2383.28	51.14	-22.86	74	47.9	27.83	6.63	41.14	234	338	P	V
		2331.92	40.29	-13.71	54	37.01	27.94	6.55	41.13	234	338	A	V
	*	2437	97.52	-	-	101.1	27.65	0	41.15	234	338	P	V
	*	2437	87.65	-	-	91.23	27.65	0	41.15	234	338	A	V
		2487.58	51.21	-22.79	74	48.06	27.6	6.8	41.17	234	338	P	V
		2489.2	40.26	-13.74	54	37.11	27.6	6.8	41.17	234	338	A	V



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 09 2452MHz		2388.4	50.54	-23.46	74	47.3	27.82	16.56	41.14	350	101	P	H
		2389.52	40.2	-13.8	54	36.96	27.82	16.56	41.14	350	101	A	H
	*	2452	93.71	-	-	90.61	27.6	16.66	41.16	350	101	P	H
	*	2452	86.32	-	-	83.22	27.6	16.66	41.16	350	101	A	H
		2485.78	64.55	-9.45	74	61.41	27.6	16.71	41.17	350	101	P	H
		2485.96	47.69	-6.31	54	44.55	27.6	16.71	41.17	350	101	A	H
		2333.2	50.21	-23.79	74	46.94	27.93	16.47	41.13	241	14	P	V
		2383.44	40.12	-13.88	54	36.88	27.83	16.55	41.14	241	14	A	V
	*	2452	97.33	-	-	94.23	27.6	16.66	41.16	241	14	P	V
	*	2452	88.15	-	-	85.05	27.6	16.66	41.16	241	14	A	V
		2486.77	60.16	-13.84	74	57.02	27.6	16.71	41.17	241	14	P	V
		2486.23	45.61	-8.39	54	42.47	27.6	16.71	41.17	241	14	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 802.11 ax HE40 Full (Harmonic @ 3m)

[illegible]

[illegible]

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 09 2452MHz		4904	39.82	-34.18	74	57.13	31.4	10.22	58.93	-	-	P	H
		7356	45.52	-28.48	74	55.05	36.38	12.44	58.35	-	-	P	H
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Note symbol

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



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

WIFI	Note	Frequency	Level	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													
2412MHz		2390	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H

1. Path Loss(dB) = Cable loss(dB) + Filter loss(dB) + Attenuator loss(dB)

2. Level(dBμV/m) =

Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)

3. Over Limit(dB) = Level(dBμV/m) – Limit Line(dBμV/m)

For Peak Limit @ 2390MHz:

1. Level(dBμV/m)

= Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)

= 32.22(dB/m) + 4.58(dB) + 54.51(dBμV) – 35.86 (dB)

= 55.45 (dBμV/m)

2. Over Limit(dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 55.45(dBμV/m) – 74(dBμV/m)

= -18.55(dB)

For Average Limit @ 2390MHz:

1. Level(dBμV/m)

= Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)

= 32.22(dB/m) + 4.58(dB) + 42.6(dBμV) – 35.86 (dB)

= 43.54 (dBμV/m)

2. Over Limit(dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 43.54(dBμV/m) – 54(dBμV/m)

= -10.46(dB)

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



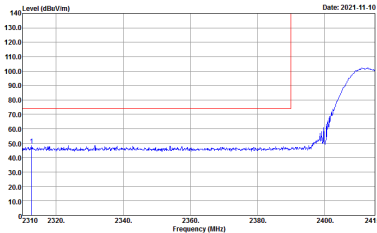
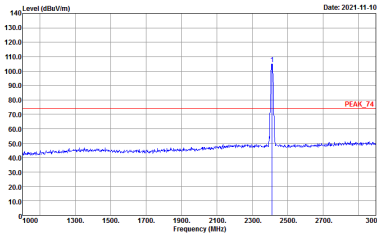
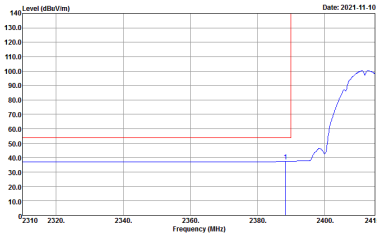
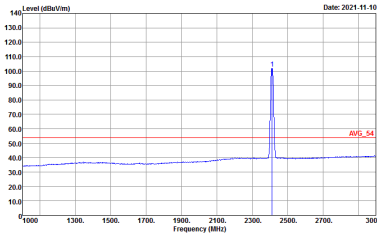
Appendix D. Radiated Spurious Emission Plots

Test Engineer :	Leo Lee, Mancy Chou and Bigshow Wang	Temperature :	22.1~23.5°C
		Relative Humidity :	55~65%

Note symbol

-L	Low channel location
-R	High channel location

<CDD 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	 Site Condition : 03CH15-HY : PEAK_BE_74 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site Condition : 03CH15-HY : PEAK_74 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site Condition : 03CH15-HY : AVG_BE_54 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site Condition : 03CH15-HY : AVG_54 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto

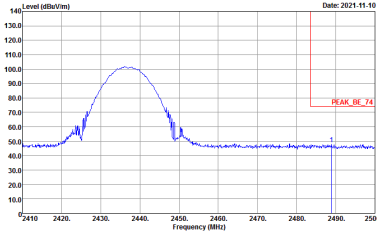
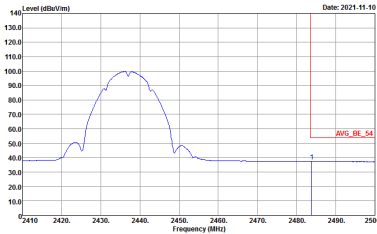


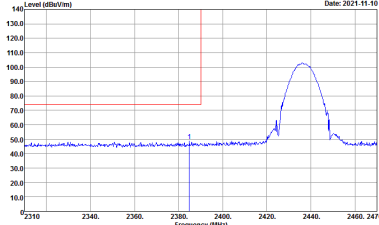
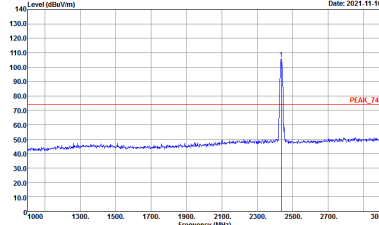
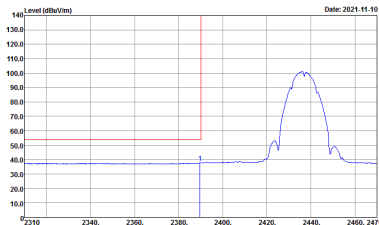
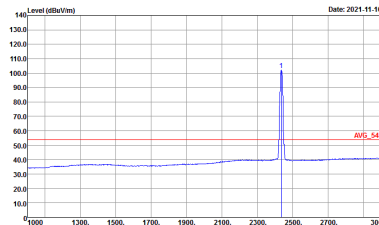
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH01 2412MHz	
4+5	Vertical	Fundamental
Peak	Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH15-HY Condition : PEAK_74 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Site : 03CH15-HY Condition : AVG_54 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto



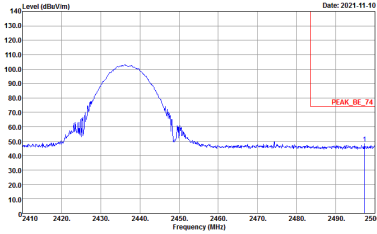
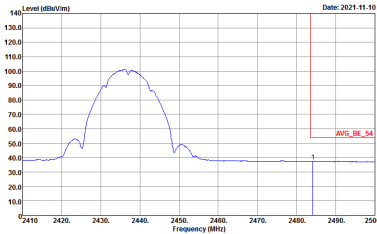
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - L	
4+5	Horizontal	Fundamental
Peak	Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH15-HY Condition : PEAK_74 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Site : 03CH15-HY Condition : AVG_54 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto



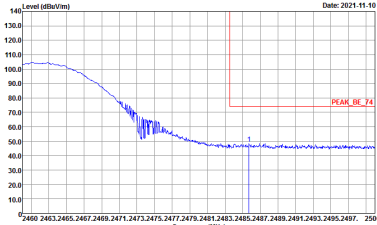
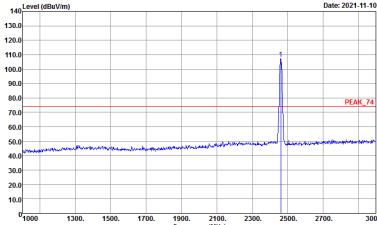
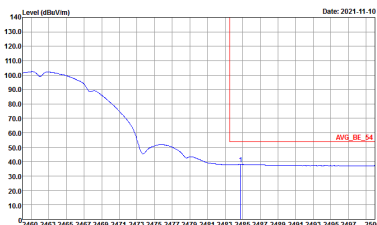
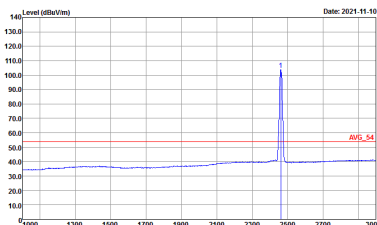
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
4+5	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - L	
4+5	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK_74 3m 91200_1620_20211025 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH15-HY Condition : AVG_54 3m 91200_1620_20211025 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto

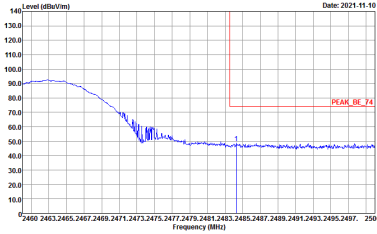
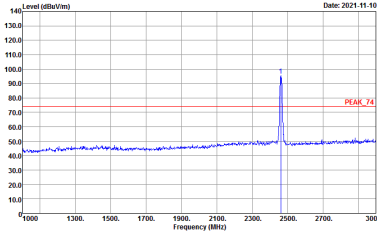
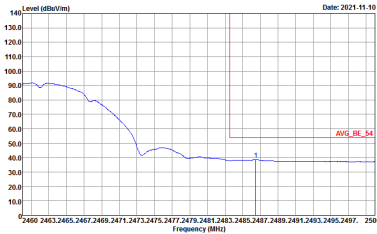
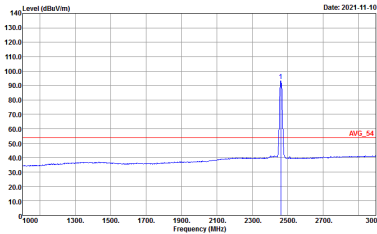


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
4+5	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank

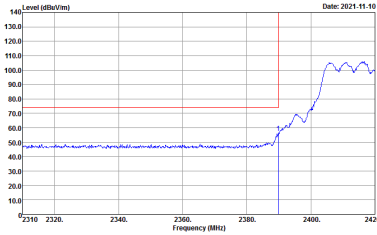
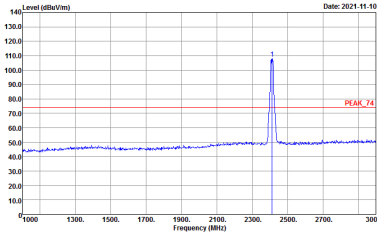
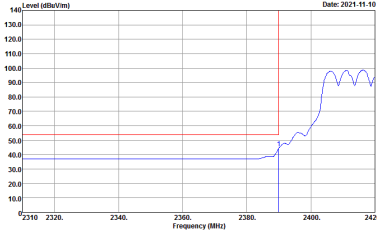
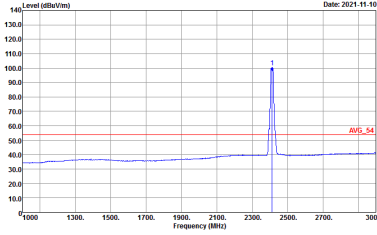


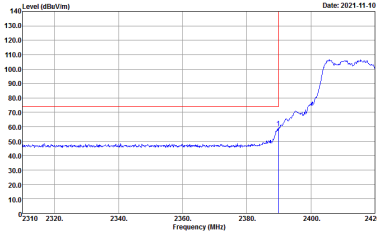
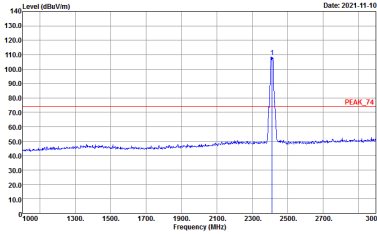
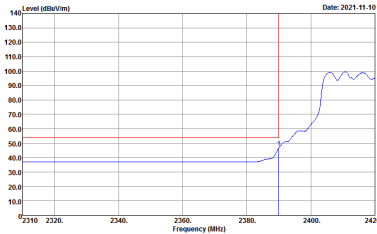
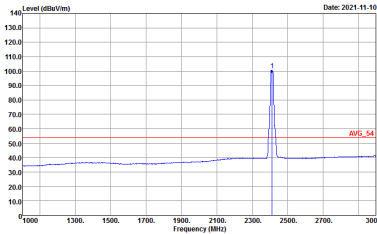
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH11 2462MHz	
4+5	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK_74 3m 91200_1620_20211025 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH15-HY Condition : AVG_54 3m 91200_1620_20211025 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH11 2462MHz	
4+5	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK_74 3m 91200_1620_20211025 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH15-HY Condition : AVG_54 3m 91200_1620_20211025 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto

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

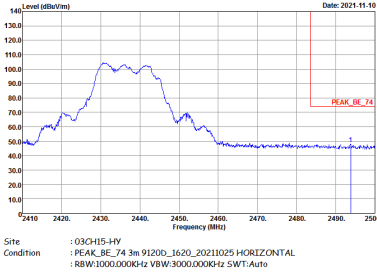
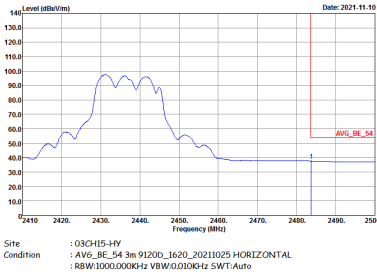
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH01 2412MHz	
4+5	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK_74 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : AVG_54 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.		

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH01 2412MHz	
4+5	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK_74 3m 91200_1620_20211025 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH15-HY Condition : AVG_54 3m 91200_1620_20211025 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto
Avg.		

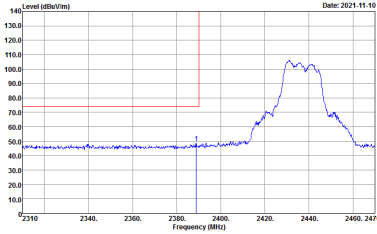
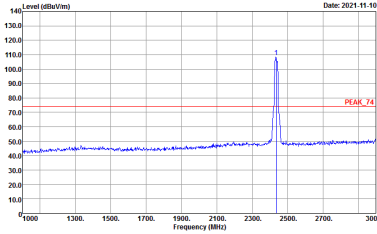
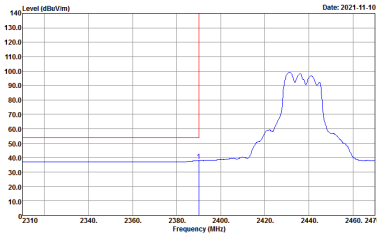
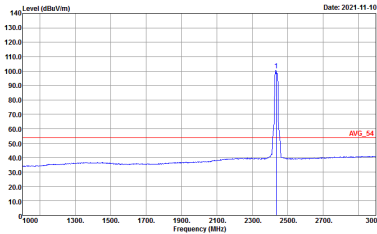


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - L	
4+5	Horizontal	Fundamental
Peak	Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH15-HY Condition : PEAK_74 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Site : 03CH15-HY Condition : AVG_54 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
4+5	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank



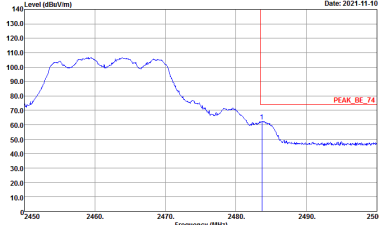
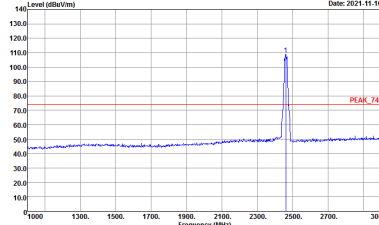
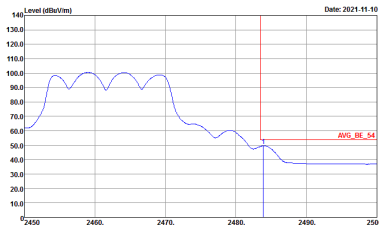
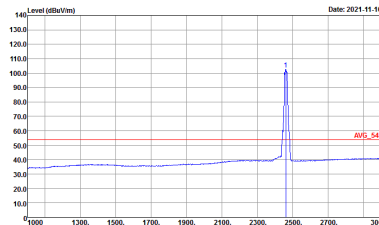
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - L	
4+5	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK_74 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH15-HY Condition : AVG_54 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
4+5	Vertical	Fundamental
Peak	Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left Blank
Avg.	Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left Blank



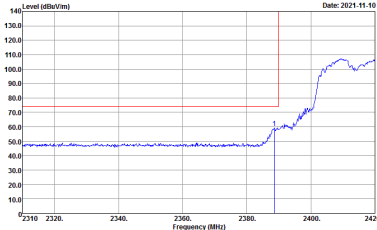
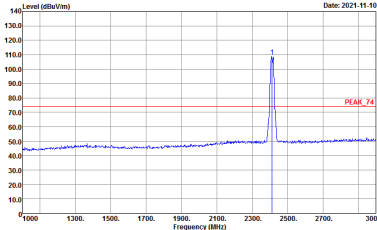
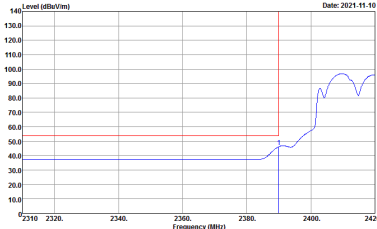
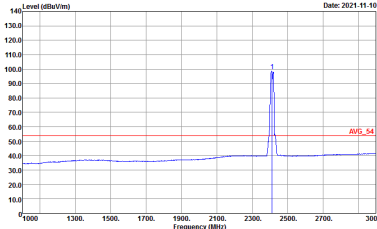
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH11 2462MHz	
4+5	Horizontal	Fundamental
Peak	Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH15-HY Condition : PEAK_74 3m 91200_1620_20211025 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Site : 03CH15-HY Condition : AVG_54 3m 91200_1620_20211025 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH11 2462MHz	
4+5	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK_74 3m 91200_1620_20211025 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH15-HY Condition : AVG_54 3m 91200_1620_20211025 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto
Avg.		

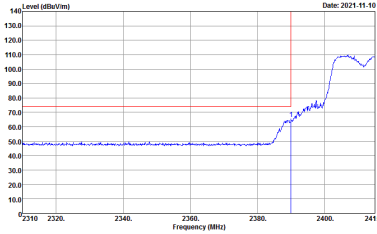
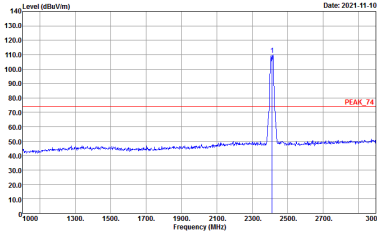
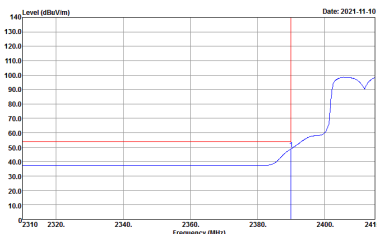
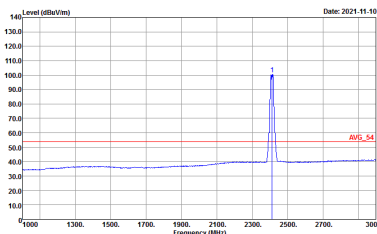


2.4GHz 2400~2483.5MHz

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

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH01 2412MHz	
4+5	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK_74 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH15-HY Condition : AVG_54 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

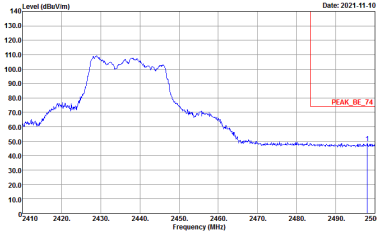
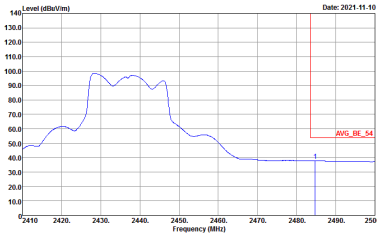


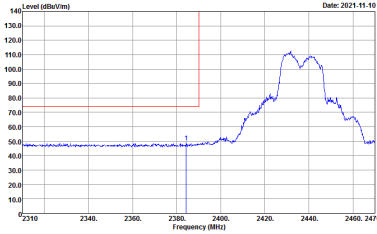
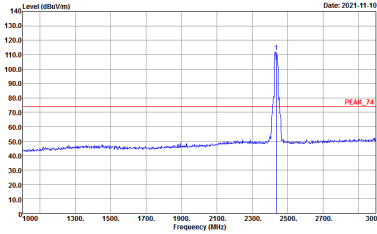
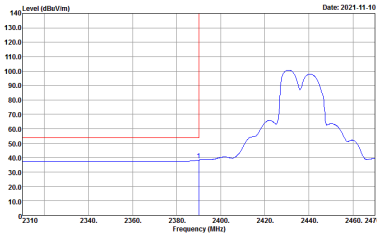
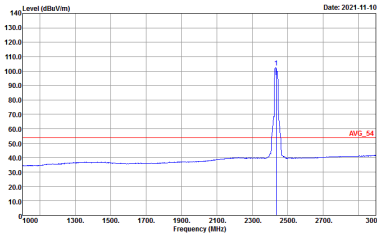
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH01 2412MHz	
4+5	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK_74 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH15-HY Condition : AVG_54 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH06 2437MHz - L	
4+5	Horizontal	Fundamental
Peak	Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH15-HY Condition : PEAK_74 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Site : 03CH15-HY Condition : AVG_54 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto



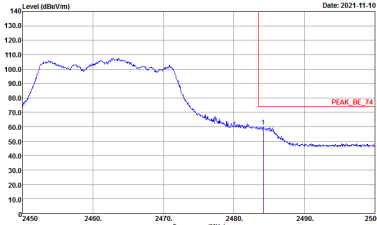
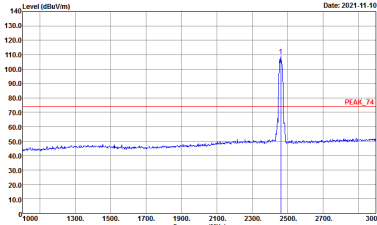
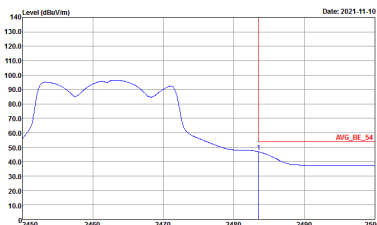
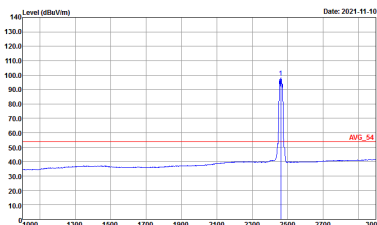
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH06 2437MHz - R	
4+5	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH06 2437MHz - L	
4+5	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK_74 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH15-HY Condition : AVG_54 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto
Avg.		

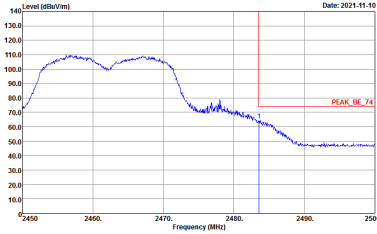
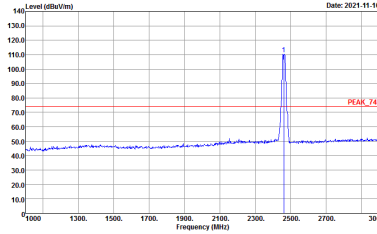
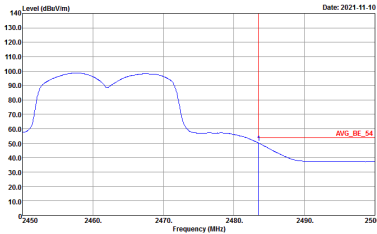
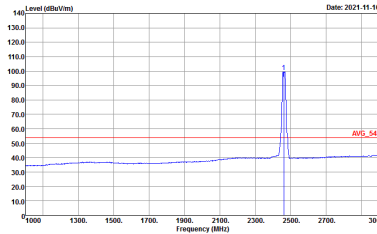


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH06 2437MHz - R	
4+5	Vertical	Fundamental
Peak	Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank

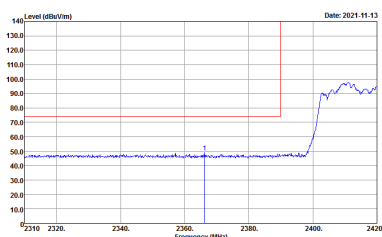
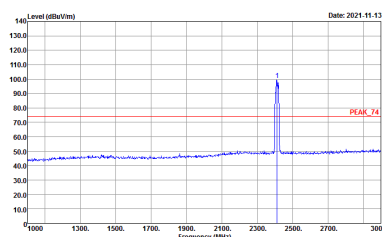
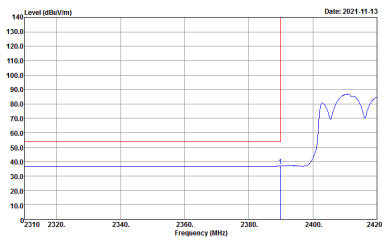
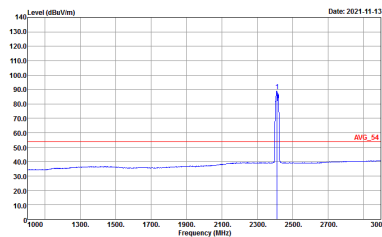


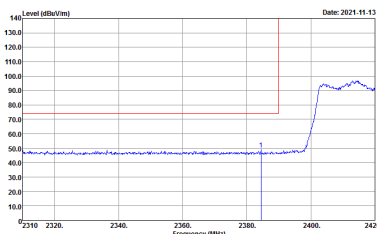
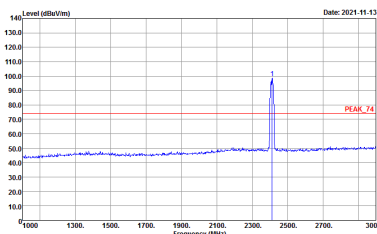
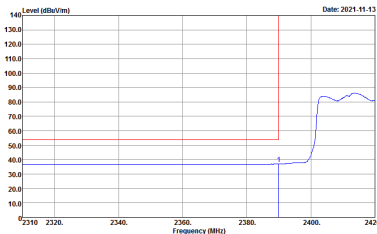
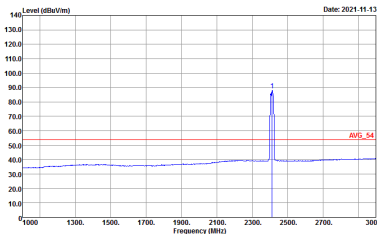
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH11 2462MHz	
4+5	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK_74 3m 91200_1620_20211025 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH15-HY Condition : AVG_54 3m 91200_1620_20211025 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto



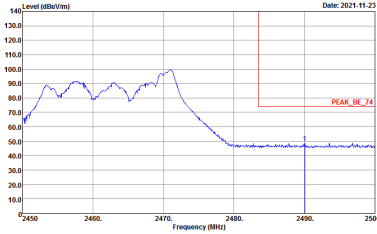
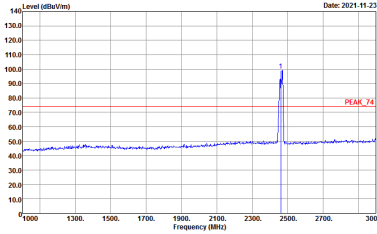
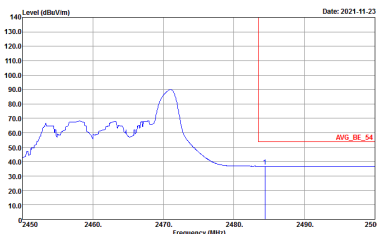
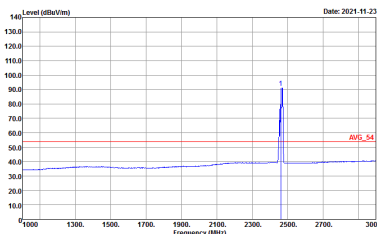
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH11 2462MHz	
4+5	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK_74 3m 91200_1620_20211025 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH15-HY Condition : AVG_54 3m 91200_1620_20211025 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto

2.4GHz 2400~2483.5MHz
WIFI 802.11ax HE20 Partial 26 (Band Edge @ 3m)

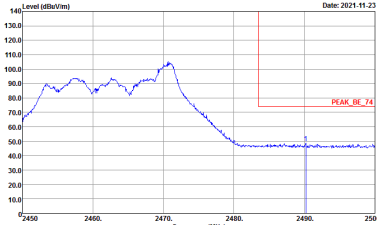
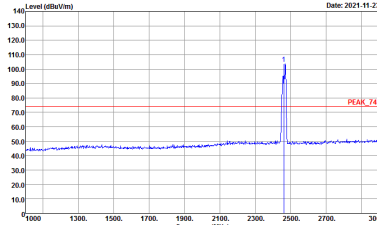
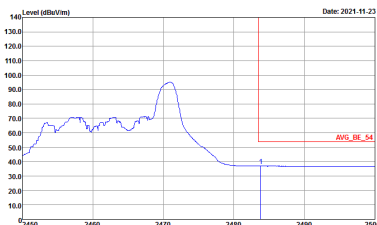
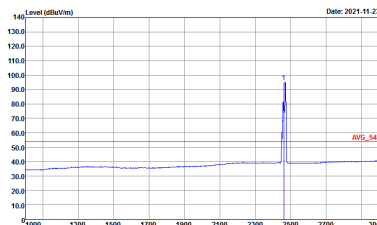
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 26/0 CH01 2412MHz	
4+5	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK_74 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH15-HY Condition : AVG_54 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto
Avg.		

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 26/0 CH01 2412MHz	
4+5	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK_74 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH15-HY Condition : AVG_54 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto
Avg.		

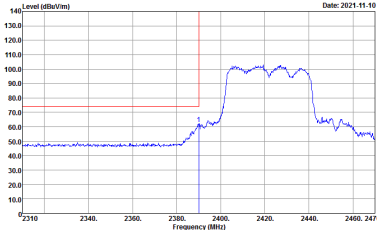
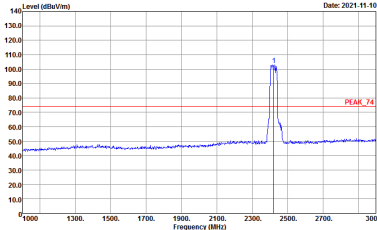
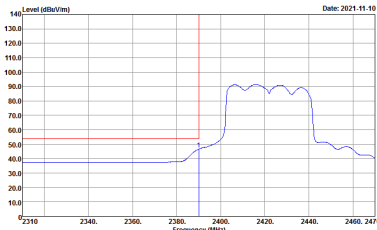
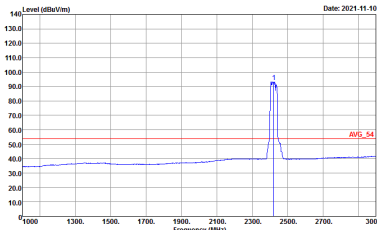


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 26/8 CH11 2462MHz	
4+5	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK_74 3m 91200_1620_20211025 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH15-HY Condition : AVG_54 3m 91200_1620_20211025 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto

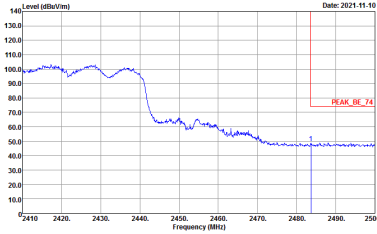
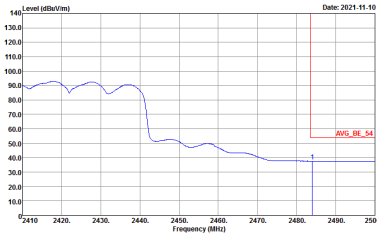


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 26/8 CH11 2462MHz	
4+5	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK_74 3m 91200_1620_20211025 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH15-HY Condition : AVG_54 3m 91200_1620_20211025 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto

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	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK_74 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH15-HY Condition : AVG_54 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

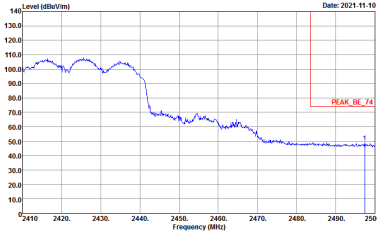
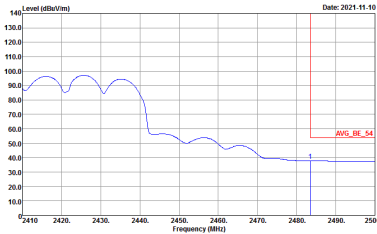


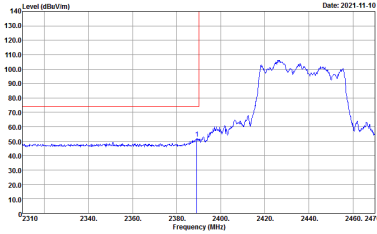
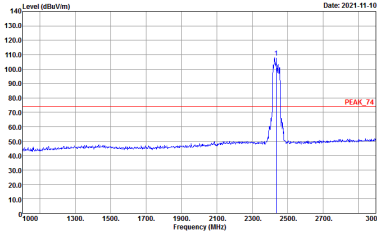
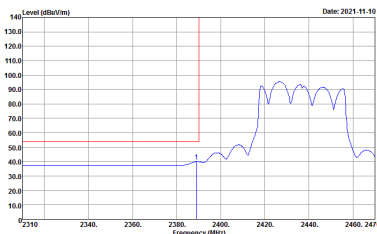
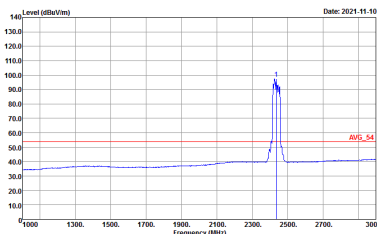
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH03 2422MHz - R	
4+5	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank



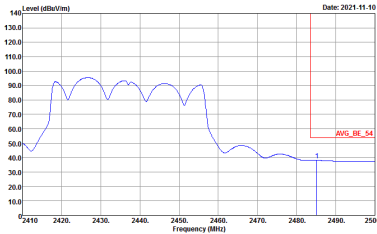
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH03 2422MHz - L	
4+5	Vertical	Fundamental
Peak	Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH15-HY Condition : PEAK_74 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Site : 03CH15-HY Condition : AVG_54 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

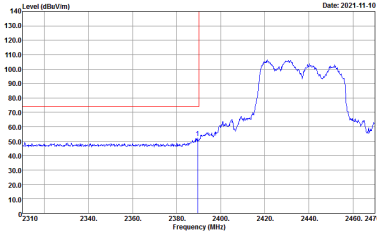
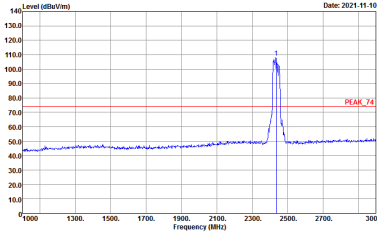
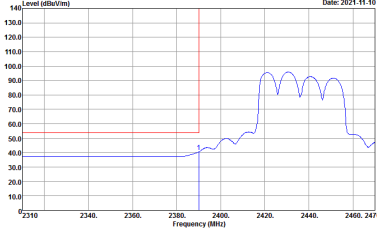
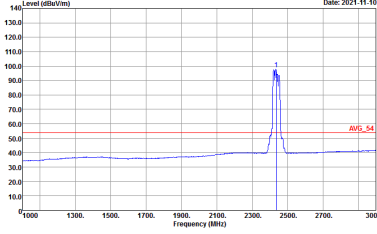


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH03 2422MHz - R	
4+5	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank

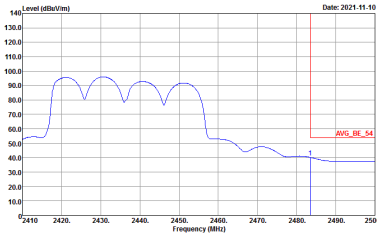
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH06 2437MHz - L	
4+5	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK_74 3m 91200_1620_20211025 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH15-HY Condition : AVG_54 3m 91200_1620_20211025 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto



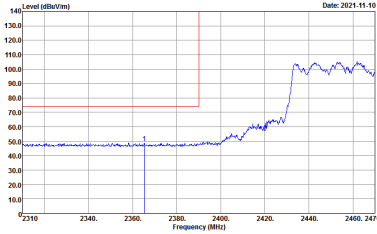
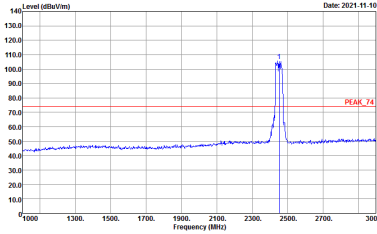
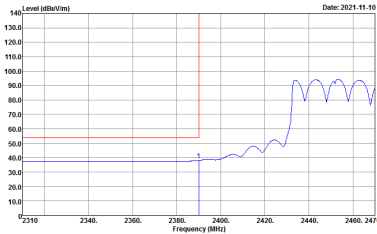
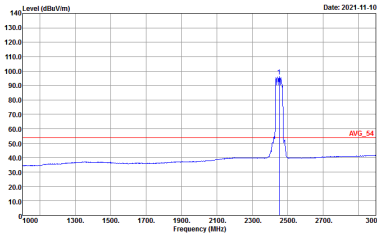
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH06 2437MHz - R	
4+5	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH06 2437MHz - L	
4+5	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK_74 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH15-HY Condition : AVG_54 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

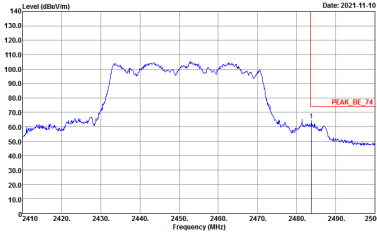
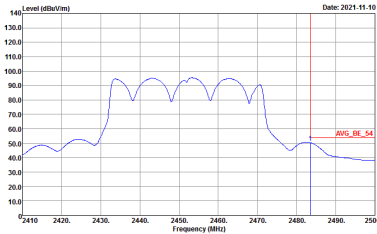


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH06 2437MHz - R	
4+5	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank

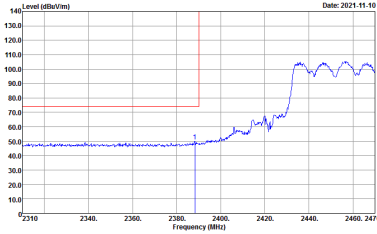
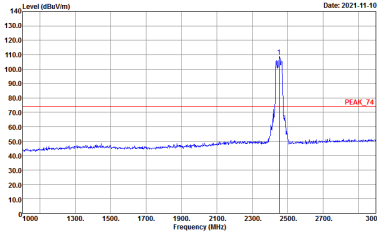
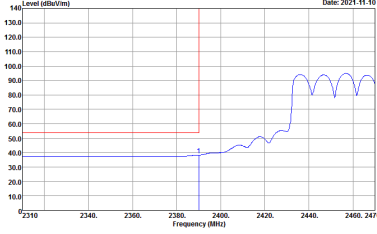
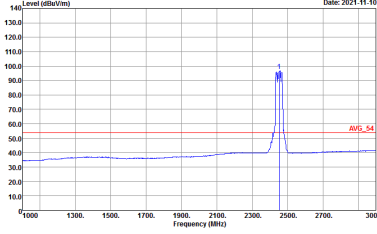


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH09 2452MHz - L	
4+5	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK_74 3m 91200_1620_20211025 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH15-HY Condition : AVG_54 3m 91200_1620_20211025 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto

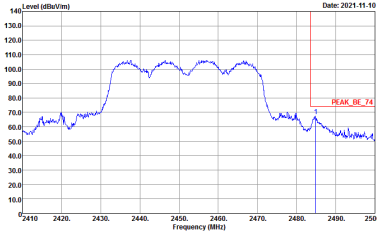
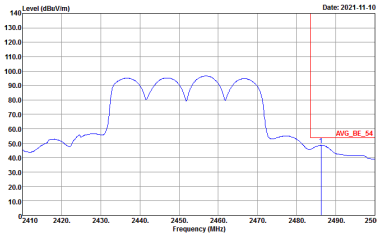


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH09 2452MHz - R	
4+5	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH09 2452MHz - L	
4+5	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK_74 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH15-HY Condition : AVG_54 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

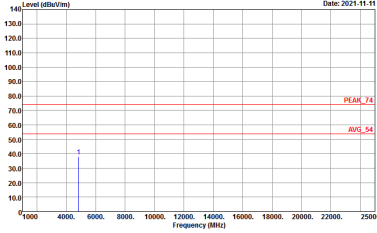
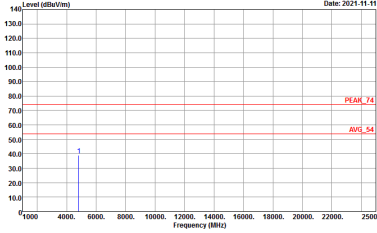


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH09 2452MHz - R	
4+5	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank

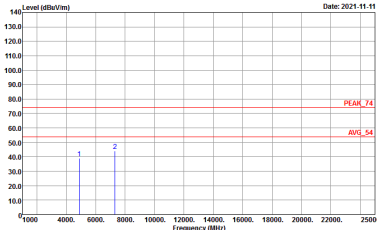
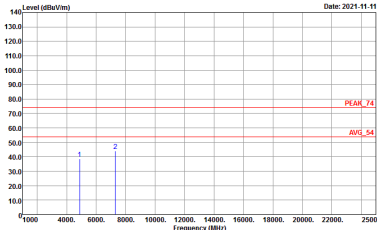


2.4GHz 2400~2483.5MHz

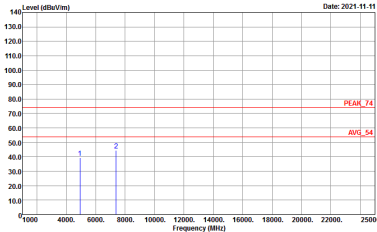
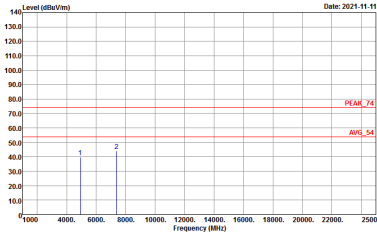
WIFI 802.11b (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH01 2412MHz	
4+5	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HY Condition : PEAK_74 3m 9120D_1620_20211025 HORIZONTAL	 Site : 03CH15-HY Condition : PEAK_74 3m 9120D_1620_20211025 VERTICAL



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH06 2437MHz	
4+5	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HY Condition : PEAK_74 3m 91200_1620_20211025 HORIZONTAL	 Site : 03CH15-HY Condition : PEAK_74 3m 91200_1620_20211025 VERTICAL



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH11 2462MHz	
4+5	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HY Condition : PEAK_74 3m 91200_1620_20211025 HORIZONTAL	 Site : 03CH15-HY Condition : PEAK_74 3m 91200_1620_20211025 VERTICAL

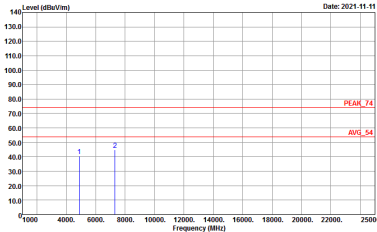
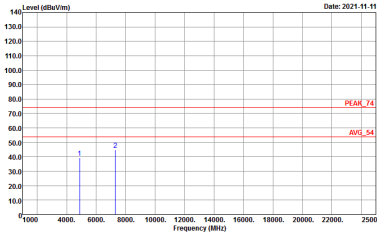


2.4GHz 2400~2483.5MHz

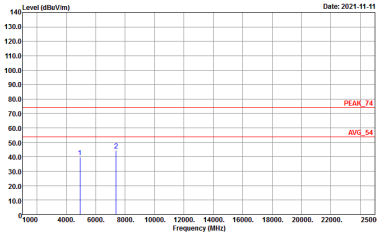
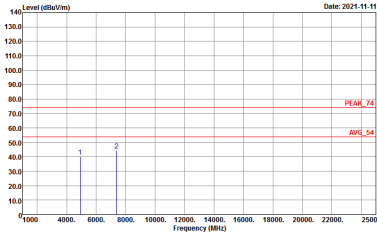
WIFI 802.11g (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH01 2412MHz	
4+5	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2021-11-11 Site : 03CH15-HY Condition : PEAK_74 3m 9120D_1620_20211025 HORIZONTAL	Level (dBuV/m) Date: 2021-11-11 Site : 03CH15-HY Condition : PEAK_74 3m 9120D_1620_20211025 VERTICAL



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH06 2437MHz	
4+5	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HY Condition : PEAK_74 3m 91200_1620_20211025 HORIZONTAL	 Site : 03CH15-HY Condition : PEAK_74 3m 91200_1620_20211025 VERTICAL

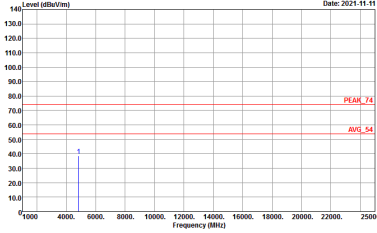
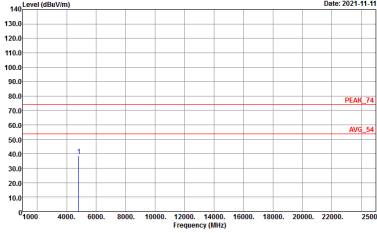


WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH11 2462MHz	
4+5	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HY Condition : PEAK_74 3m 91200_1620_20211025 HORIZONTAL	 Site : 03CH15-HY Condition : PEAK_74 3m 91200_1620_20211025 VERTICAL

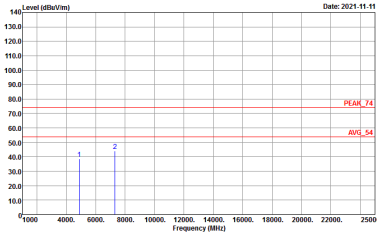
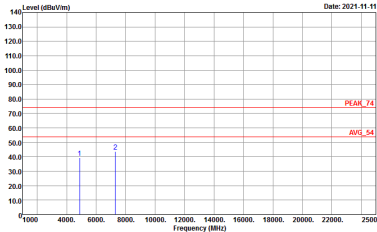


2.4GHz 2400~2483.5MHz

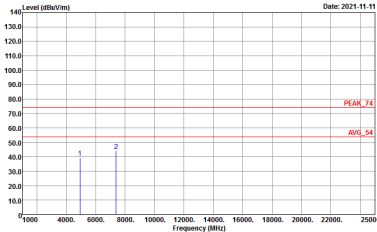
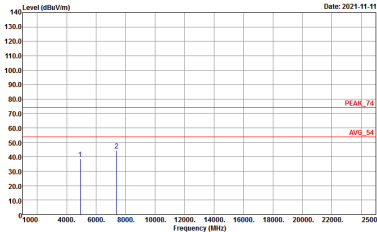
WIFI 802.11 ax HE20 Full (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE20 Full CH01 2412MHz	
4+5	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HY Condition : PEAK_74 3m 9120D_1620_20211025 HORIZONTAL	 Site : 03CH15-HY Condition : PEAK_74 3m 9120D_1620_20211025 VERTICAL



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE20 Full CH06 2437MHz	
4+5	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HY Condition : PEAK_74 3m 91200_1620_20211025 HORIZONTAL	 Site : 03CH15-HY Condition : PEAK_74 3m 91200_1620_20211025 VERTICAL

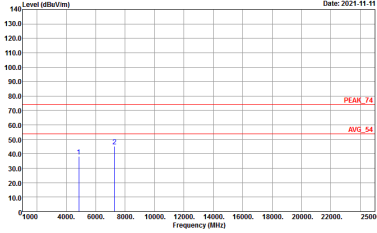
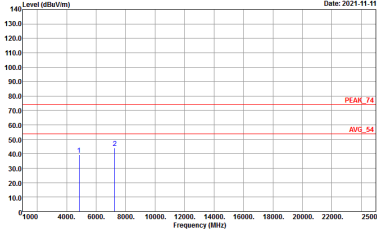


WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE20 Full CH11 2462MHz	
4+5	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HY Condition : PEAK_74 3m 91200_1620_20211025 HORIZONTAL	 Site : 03CH15-HY Condition : PEAK_74 3m 91200_1620_20211025 VERTICAL

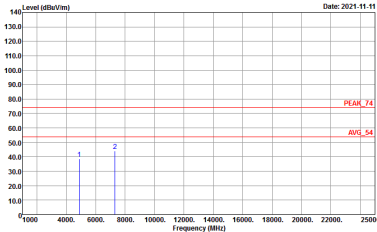
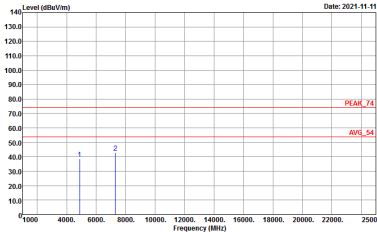


2.4GHz 2400~2483.5MHz

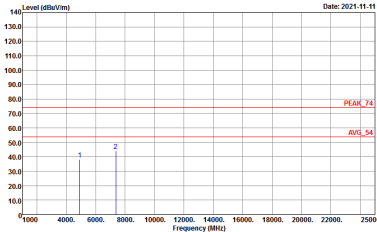
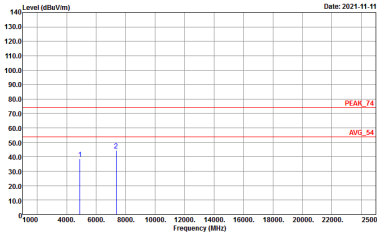
WIFI 802.11 ax HE40 Full (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE40 Full CH03 2422MHz	
4+5	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HY Condition : PEAK_74 3m 9120D_1620_20211025 HORIZONTAL	 Site : 03CH15-HY Condition : PEAK_74 3m 9120D_1620_20211025 VERTICAL

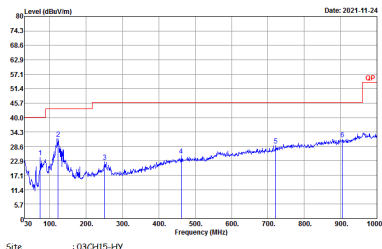
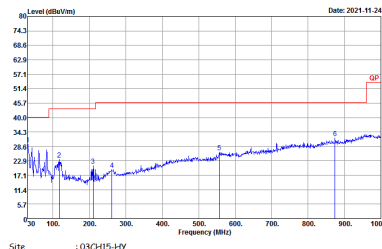


WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE40 Full CH06 2437MHz	
4+5	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HY Condition : PEAK_74 3m 91200_1620_20211025 HORIZONTAL	 Site : 03CH15-HY Condition : PEAK_74 3m 91200_1620_20211025 VERTICAL



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE40 Full CH09 2452MHz	
4+5	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HY Condition : PEAK_74 3m 91200_1620_20211025 HORIZONTAL	 Site : 03CH15-HY Condition : PEAK_74 3m 91200_1620_20211025 VERTICAL

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	 Site : 03CH15-HY Condition : QP 3m BIL06_41912_20210208 HORIZONTAL	 Site : 03CH15-HY Condition : QP 3m BIL06_41912_20210208 VERTICAL

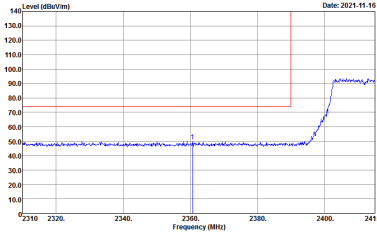
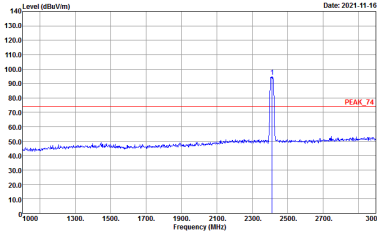
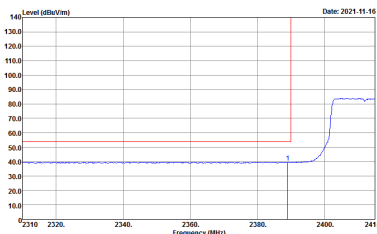
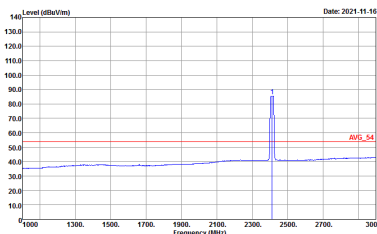


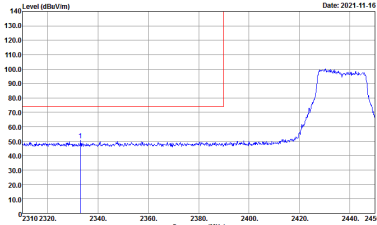
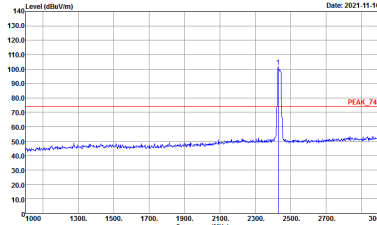
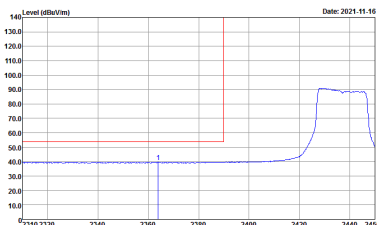
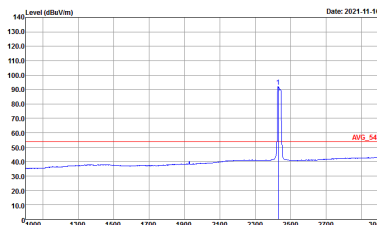
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2.4GHz 2400~2483.5MHz

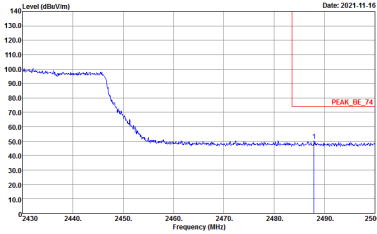
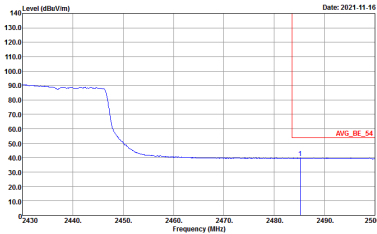
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

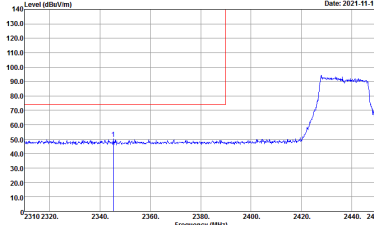
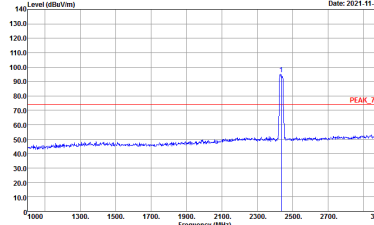
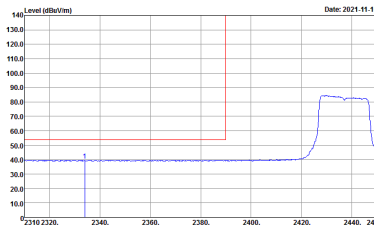
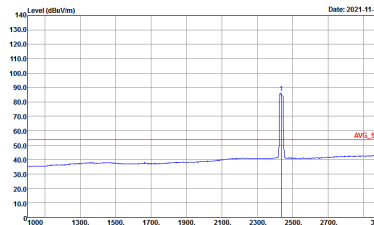
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH01 2412MHz	
4+5	Horizontal	Fundamental
Peak	Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH15-HY Condition : PEAK_74 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000KHz SWT:Auto	Site : 03CH15-HY Condition : AVG_54 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000KHz SWT:Auto

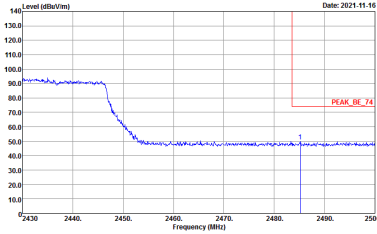
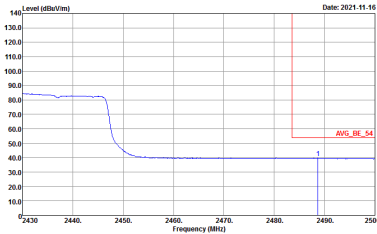
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH01 2412MHz	
4+5	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK_74 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto	 Site : 03CH15-HY Condition : AVG_54 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto
Avg.		

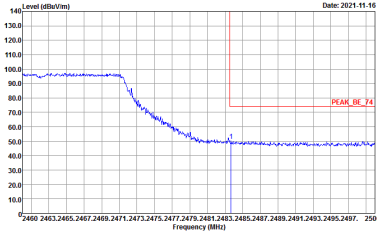
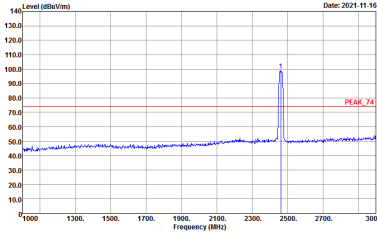
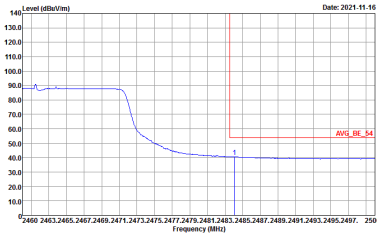
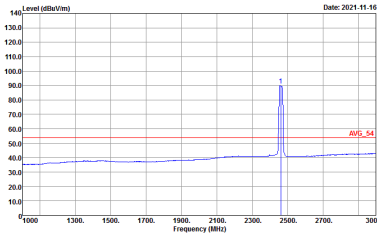
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH06 2437MHz - L	
4+5	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK_74 3m 91200_1620_20211025 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 HORIZONTAL RBW:1000.000KHz VBW:0.300KHz SWT:Auto	 Site : 03CH15-HY Condition : AVG_54 3m 91200_1620_20211025 HORIZONTAL RBW:1000.000KHz VBW:0.300KHz SWT:Auto

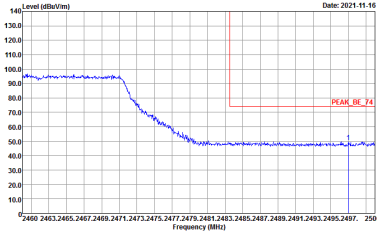
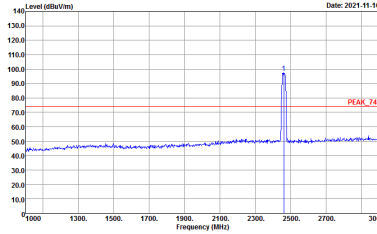
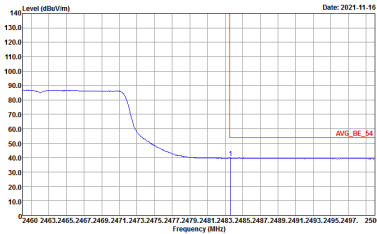
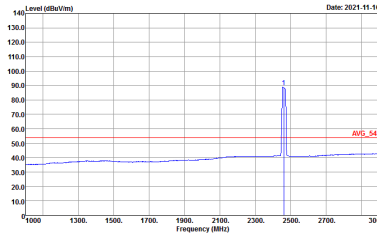


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH06 2437MHz - R	
4+5	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH06 2437MHz - L	
4+5	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK_74 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto	 Site : 03CH15-HY Condition : AVG_54 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH06 2437MHz - R	
4+5	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

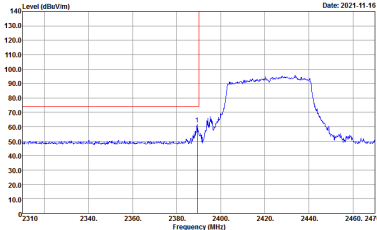
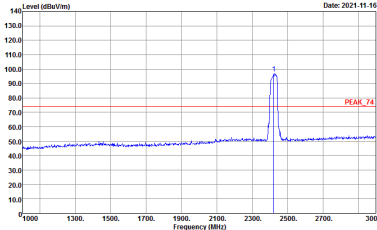
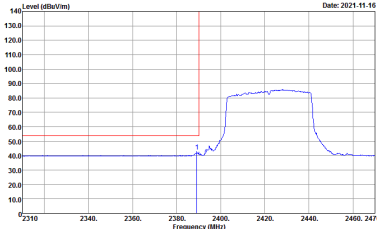
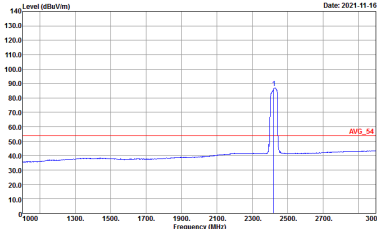
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH11 2462MHz	
4+5	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK_74 3m 91200_1620_20211025 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 HORIZONTAL RBW:1000.000KHz VBW:0.300KHz SWT:Auto	 Site : 03CH15-HY Condition : AVG_54 3m 91200_1620_20211025 HORIZONTAL RBW:1000.000KHz VBW:0.300KHz SWT:Auto

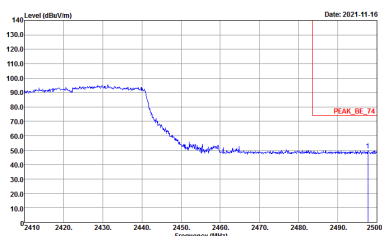
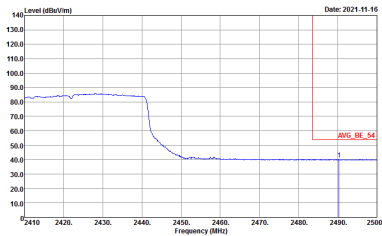
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH11 2462MHz	
4+5	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK_74 3m 91200_1620_20211025 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 VERTICAL RBW:1000.000KHz VBW:0.300KHz SWT:Auto	 Site : 03CH15-HY Condition : AVG_54 3m 91200_1620_20211025 VERTICAL RBW:1000.000KHz VBW:0.300KHz SWT:Auto
Avg.		

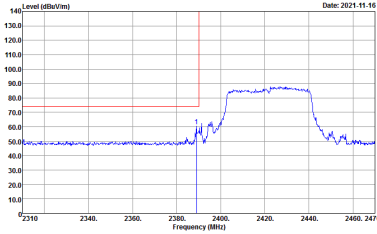
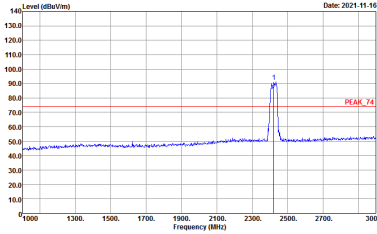
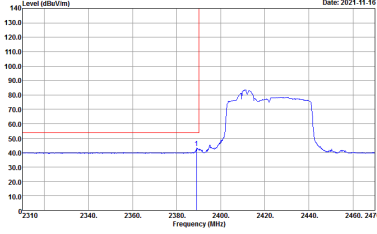
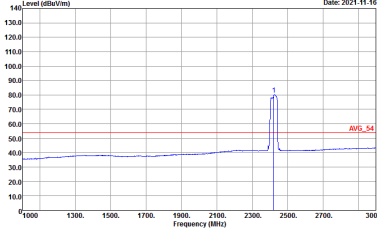


2.4GHz 2400~2483.5MHz

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

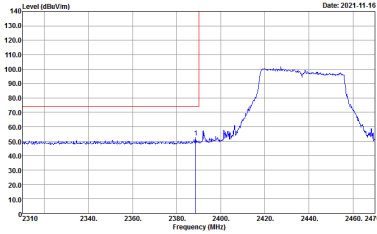
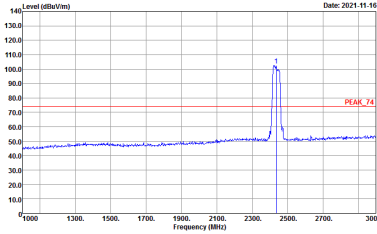
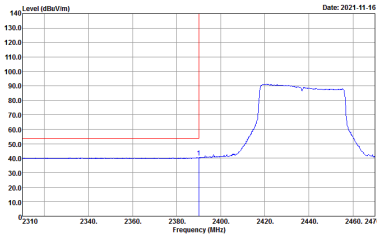
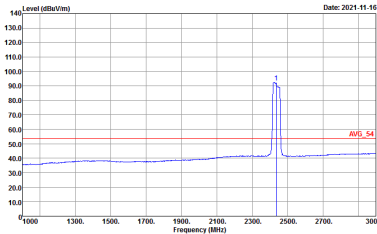
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH03 2422MHz - L	
4+5	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK_74 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	 Site : 03CH15-HY Condition : AVG_54 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH03 2422MHz - R	
4+5	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank

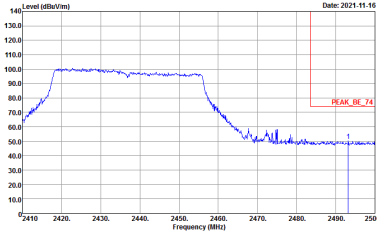
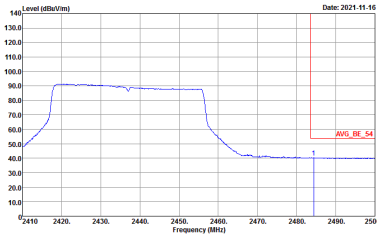
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH03 2422MHz - L	
4+5	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK_74 3m 91200_1620_20211025 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH15-HY Condition : AVG_54 3m 91200_1620_20211025 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto
Avg.		

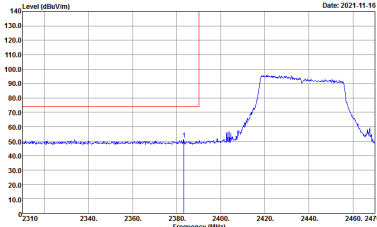
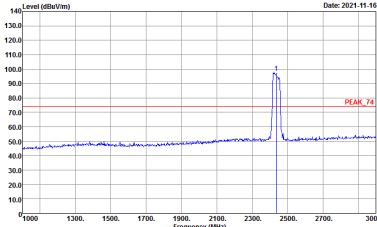
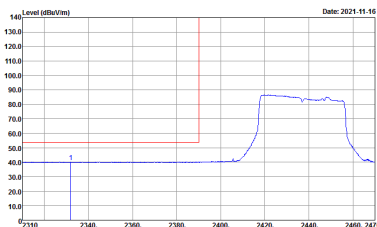
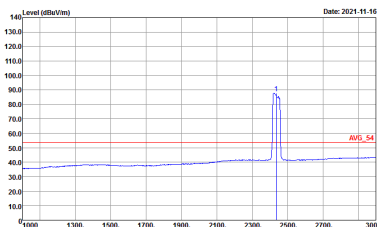


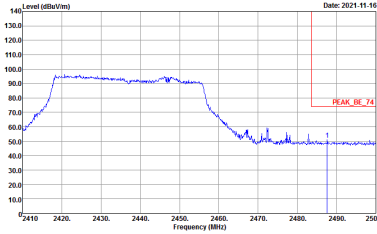
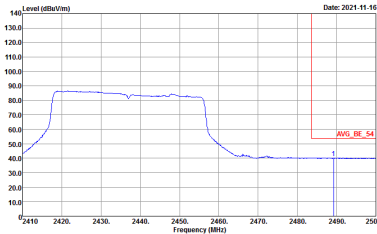
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH03 2422MHz - R	
4+5	Vertical	Fundamental
Peak	Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH06 2437MHz - L	
4+5	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK_74 3m 91200_1620_20211025 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH15-HY Condition : AVG_54 3m 91200_1620_20211025 HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto

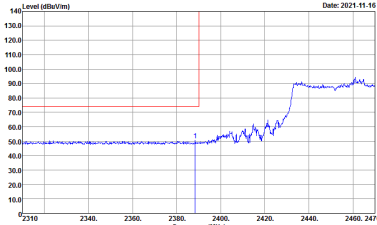
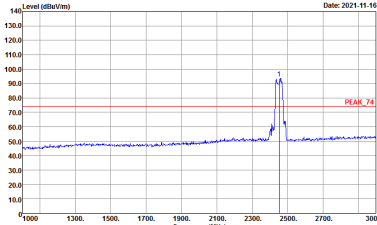
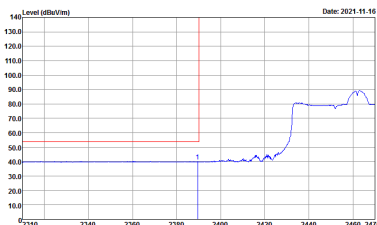
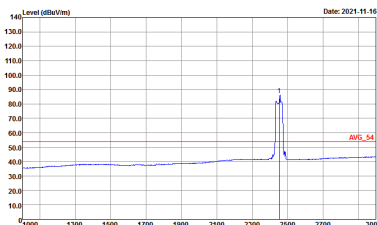


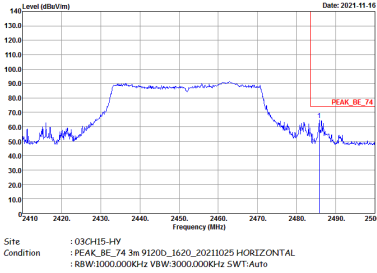
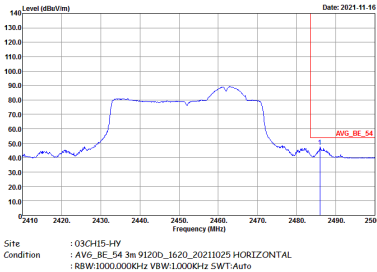
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH06 2437MHz - R	
4+5	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH06 2437MHz - L	
4+5	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK_74 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH15-HY Condition : AVG_54 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto

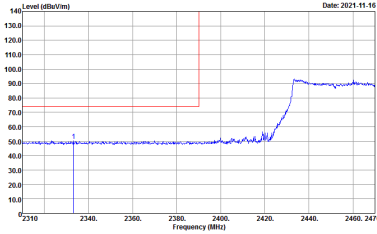
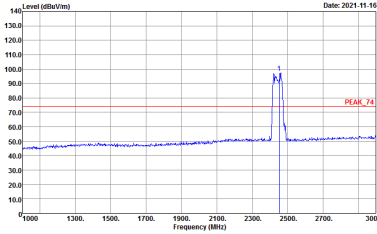
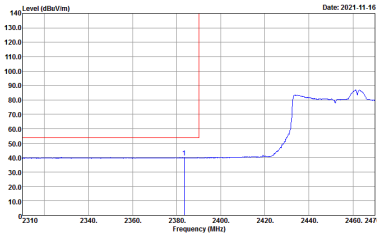
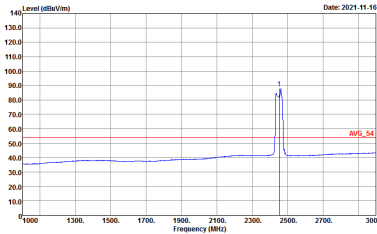
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH06 2437MHz - R	
4+5	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 VERTICAL RBW:3000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 VERTICAL RBW:3000.000KHz VBW:1000KHz SWT:Auto	Left blank



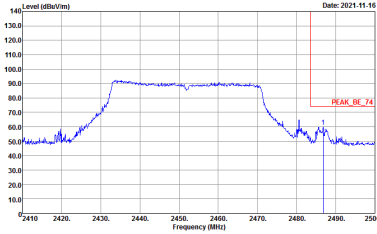
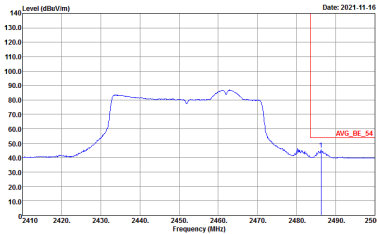
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH09 2452MHz - L	
4+5	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK_74 3m 91200_1620_20211025 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH15-HY Condition : AVG_54 3m 91200_1620_20211025 HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH09 2452MHz - R	
4+5	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

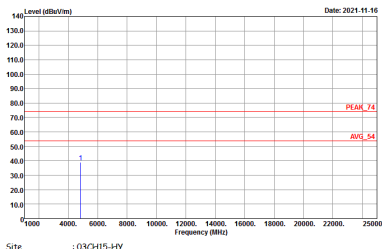
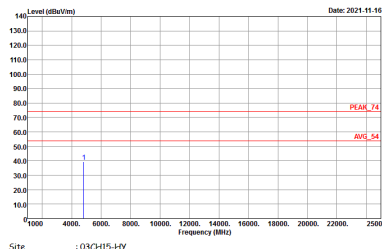


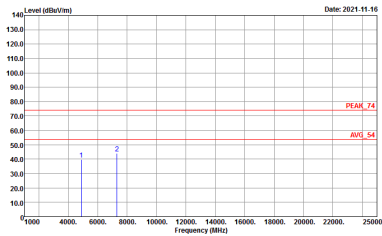
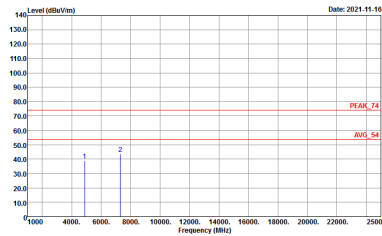
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH09 2452MHz - L	
4+5	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK_74 3m 91200_1620_20211025 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH15-HY Condition : AVG_54 3m 91200_1620_20211025 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH09 2452MHz - R	
4+5	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank

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

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE20 Full CH01 2412MHz	
4+5	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HY Condition : PEAK_74 3m 9120D_1620_20211025 HORIZONTAL	 Site : 03CH15-HY Condition : PEAK_74 3m 9120D_1620_20211025 VERTICAL

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE20 Full CH06 2437MHz	
4+5	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HY Condition : PEAK_74 3m 91200_1620_20211025 HORIZONTAL	 Site : 03CH15-HY Condition : PEAK_74 3m 91200_1620_20211025 VERTICAL



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE20 Full CH11 2462MHz	
4+5	Horizontal	Vertical
Peak Avg.	Site : 03CH15-HY Condition : PEAK_74 3m 91200_1620_20211025 HORIZONTAL	Site : 03CH15-HY Condition : PEAK_74 3m 91200_1620_20211025 VERTICAL



2.4GHz 2400~2483.5MHz

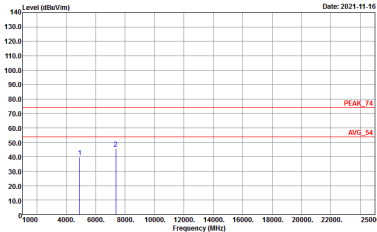
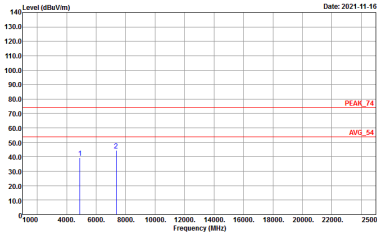
WIFI 802.11 ax HE40 Full (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE40 Full CH03 2422MHz	
4+5	Horizontal	Vertical
Peak Avg.	Site : 03CH15-HY Condition : PEAK_74 3m 9120D_1620_20211025 HORIZONTAL	Site : 03CH15-HY Condition : PEAK_74 3m 9120D_1620_20211025 VERTICAL



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE40 Full CH06 2437MHz	
4+5	Horizontal	Vertical
Peak Avg.	Site : 03CH15-HY Condition : PEAK_74 3m 91200_1620_20211025 HORIZONTAL	Site : 03CH15-HY Condition : PEAK_74 3m 91200_1620_20211025 VERTICAL



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE40 Full CH09 2452MHz	
4+5	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HY Condition : PEAK_74 3m 91200_1620_20211025 HORIZONTAL	 Site : 03CH15-HY Condition : PEAK_74 3m 91200_1620_20211025 VERTICAL