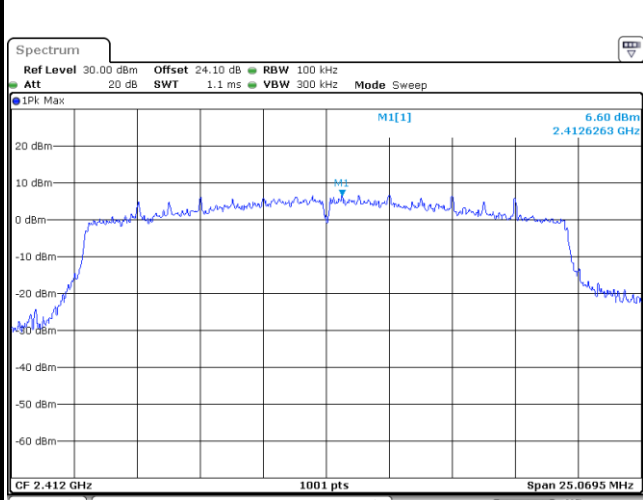




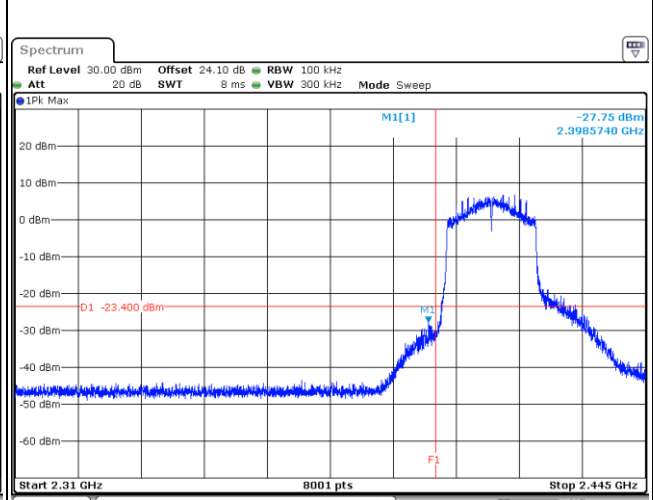
Number of TX = 2, Ant. 7 (Measured)

Test Mode :	802.11ax HE20	Test Channel :	01 Full RU
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100kHz PSD reference Level	Channel Plot
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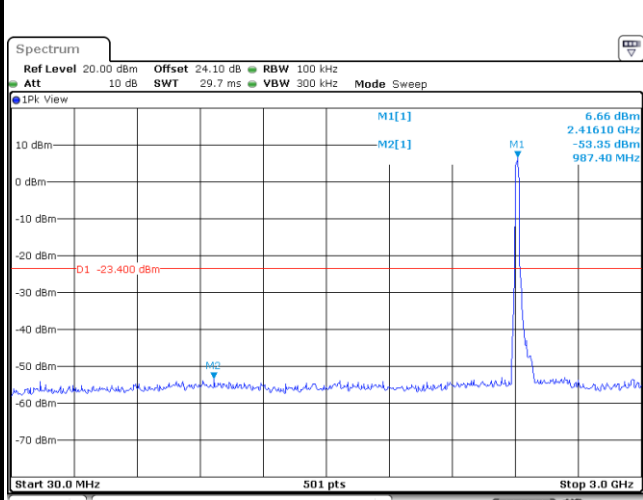


Date: 15.JUL.2022 09:55:23

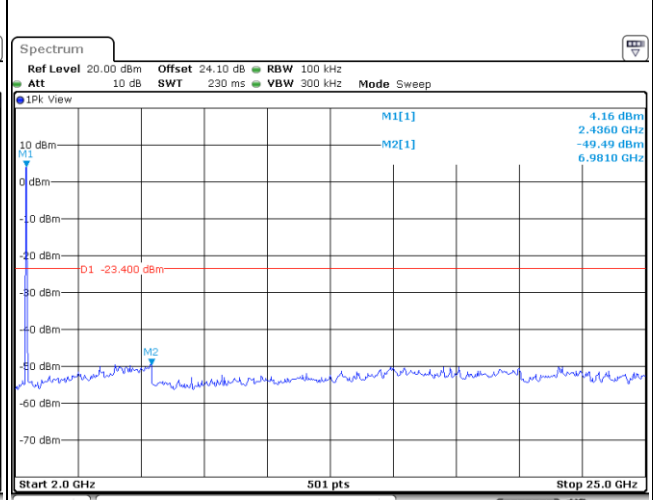


Date: 15.JUL.2022 09:56:36

Spurious Emission 30MHz~3GHz	Spurious Emission 2GHz~25GHz
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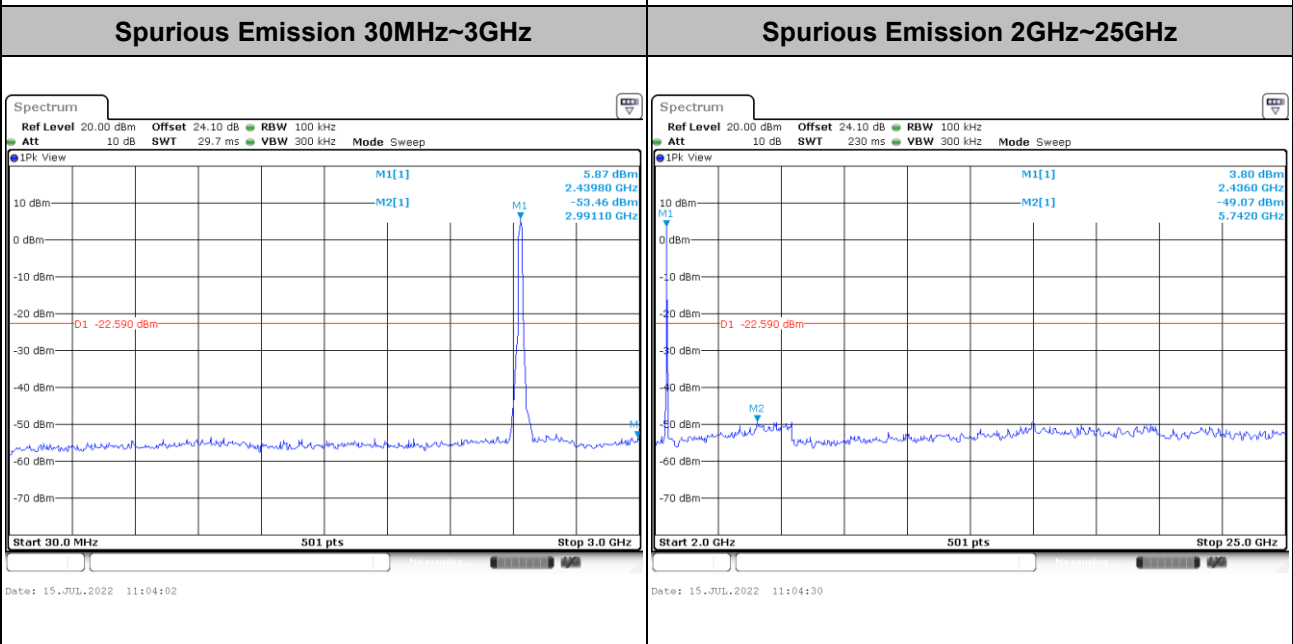
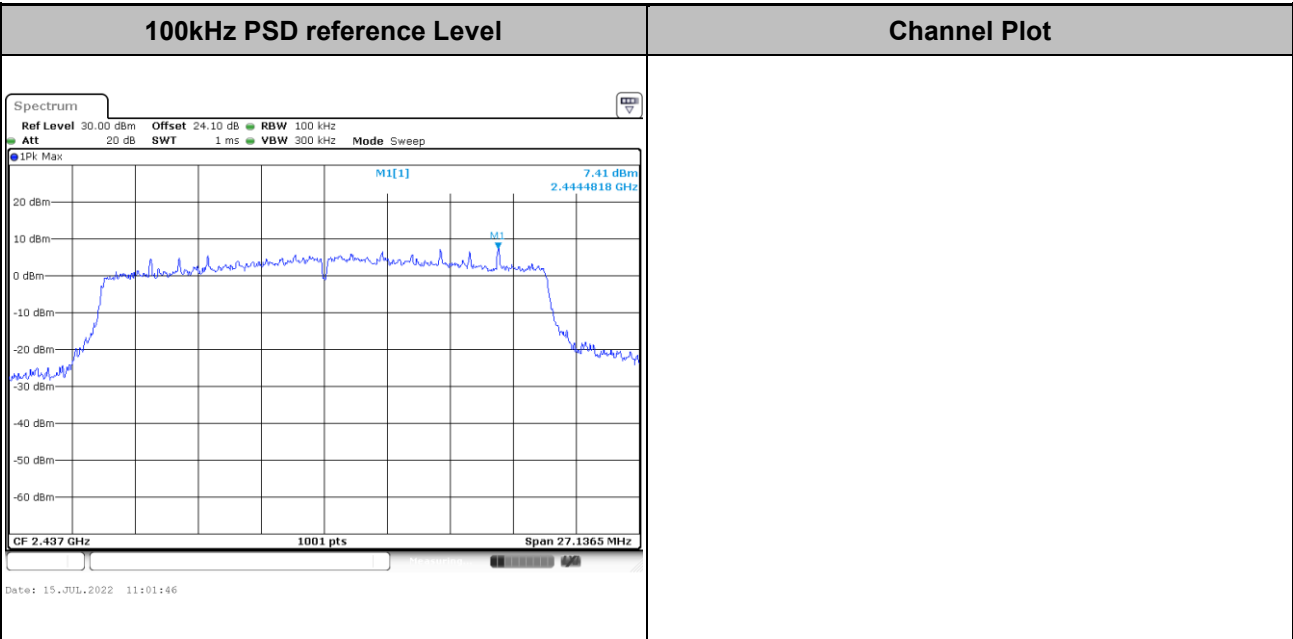
Date: 15.JUL.2022 09:57:18



Date: 15.JUL.2022 09:57:53

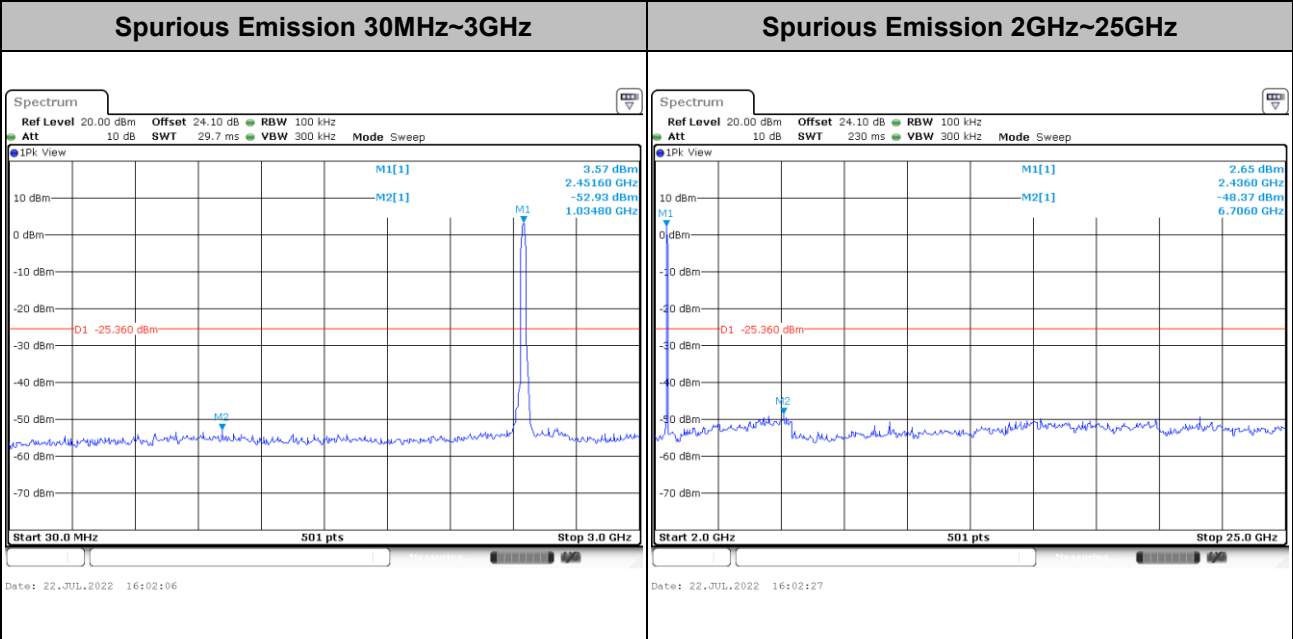
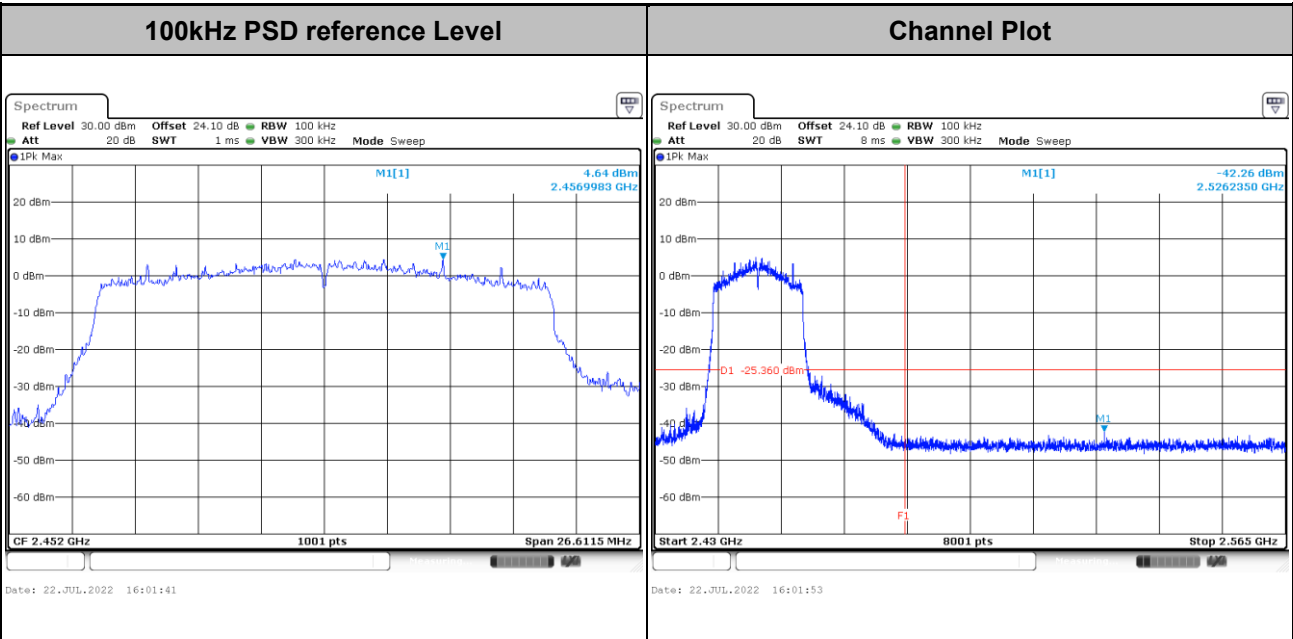


Test Mode :	802.11ax HE20	Test Channel :	06 Full RU
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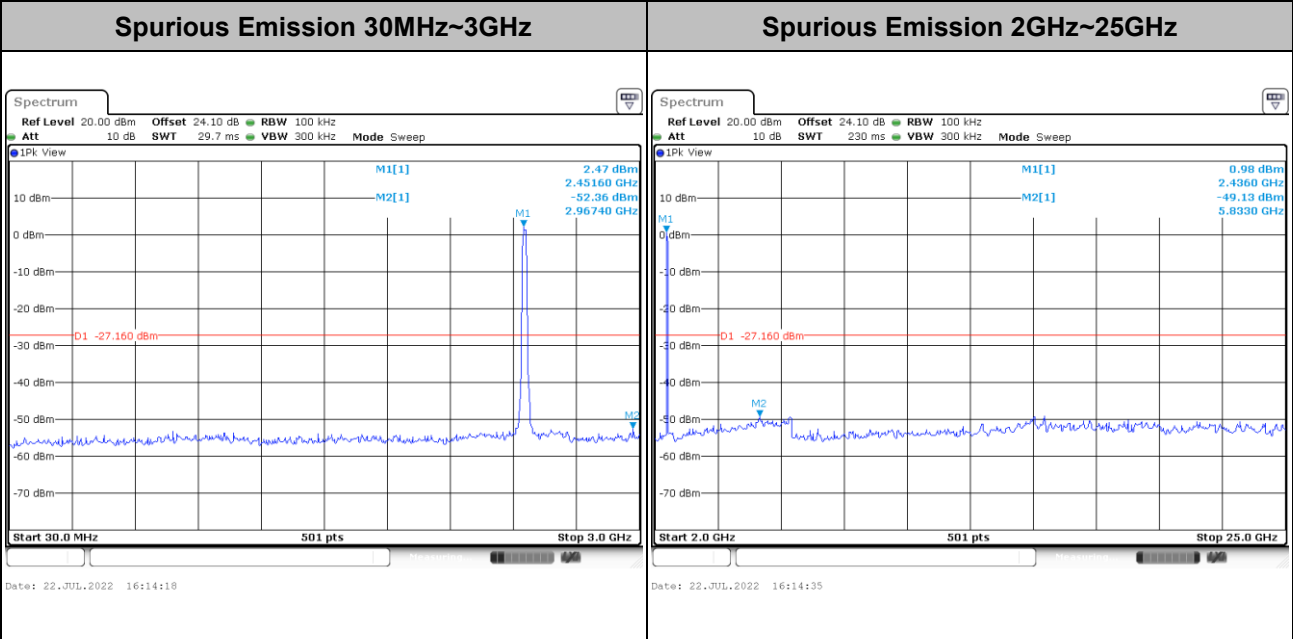
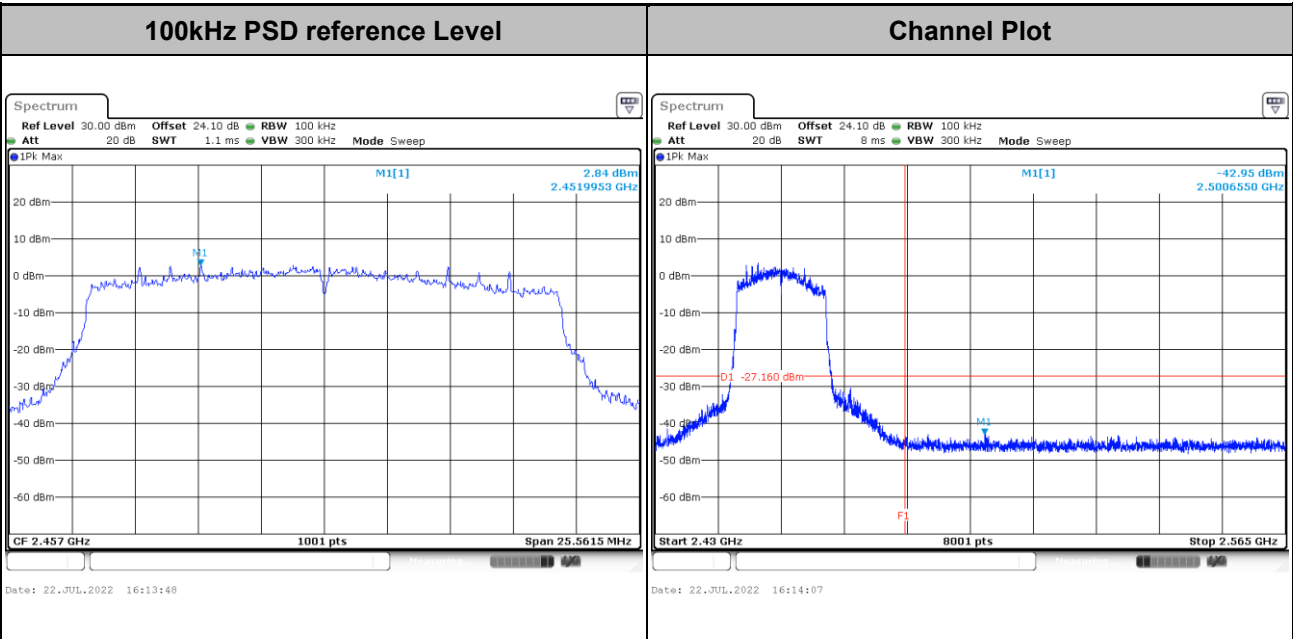


Test Mode : 802.11ax HE20	Test Channel : 09 Full RU
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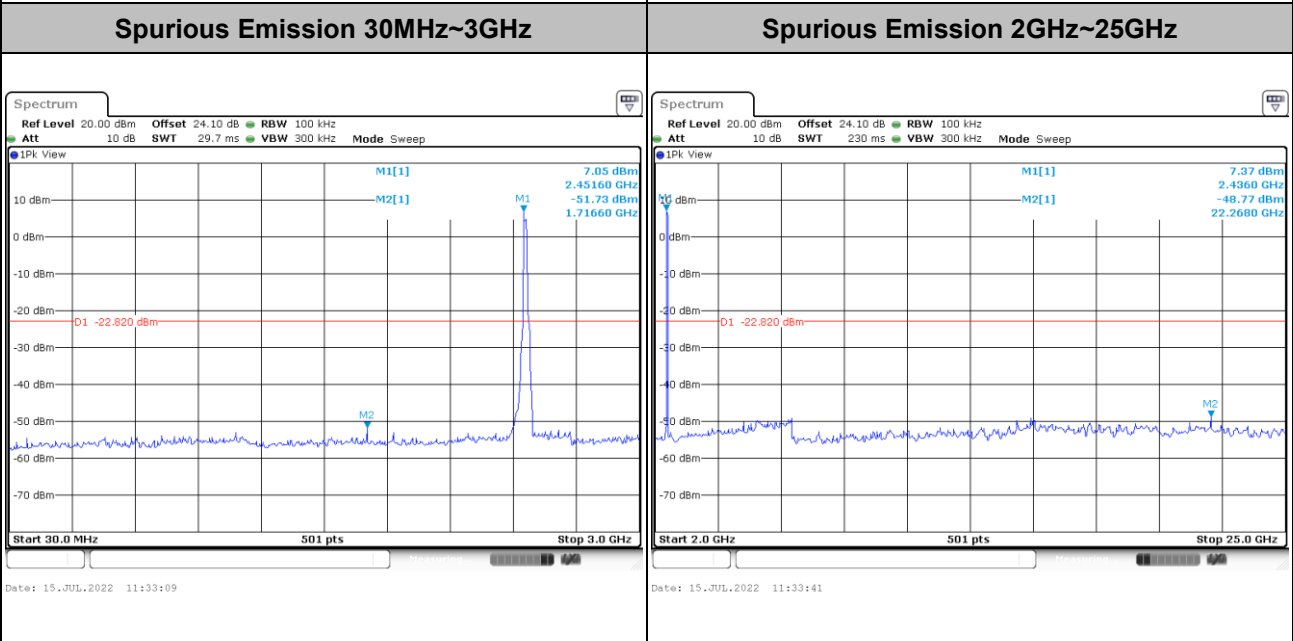
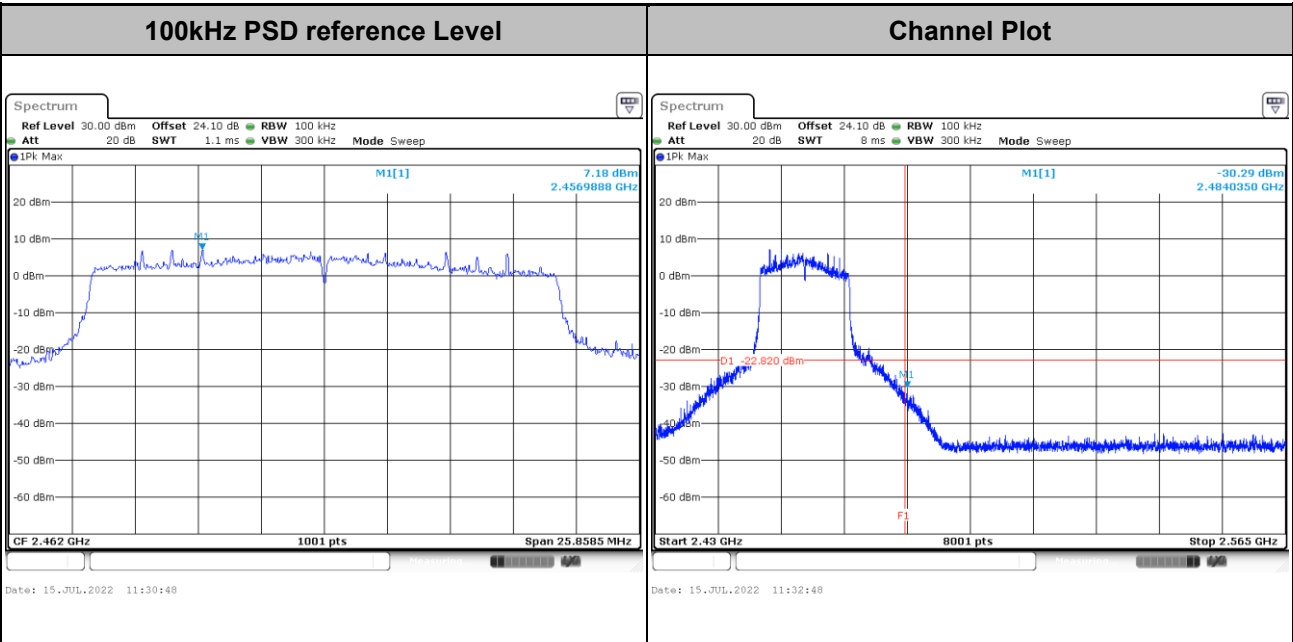


Test Mode :	802.11ax HE20	Test Channel :	10 Full RU
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Test Mode :	802.11ax HE20	Test Channel :	11 Full RU
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3.5 Radiated Band Edges and Spurious Emission Measurement

3.5.1 Limit of Radiated band edge and Spurious Emission Measurement

In any 100 kHz bandwidth outside the intentional radiator frequency band, all harmonics/spurious must be at least 20 dB below the highest emission level within the authorized band. If the output power of this device 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

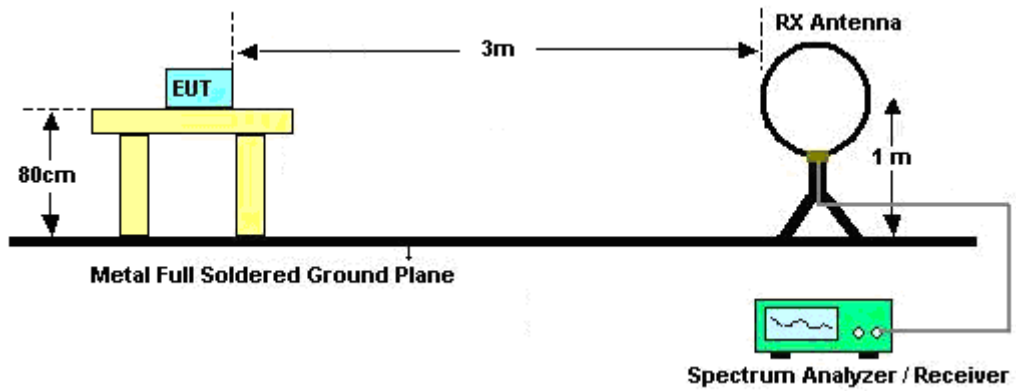
Please refer to the measuring equipment list in this test report.

**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.

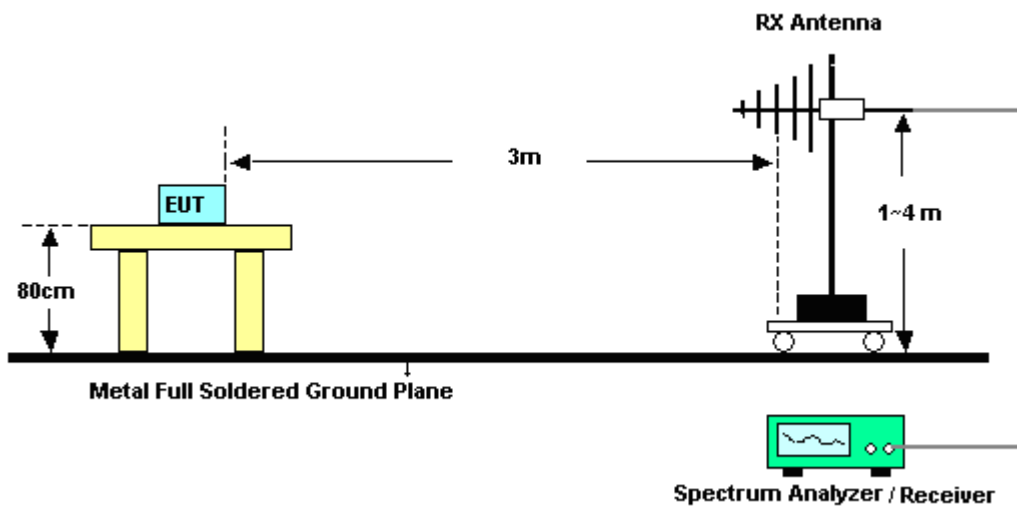
3.5.4 Test Setup

For radiated emissions below 30MHz

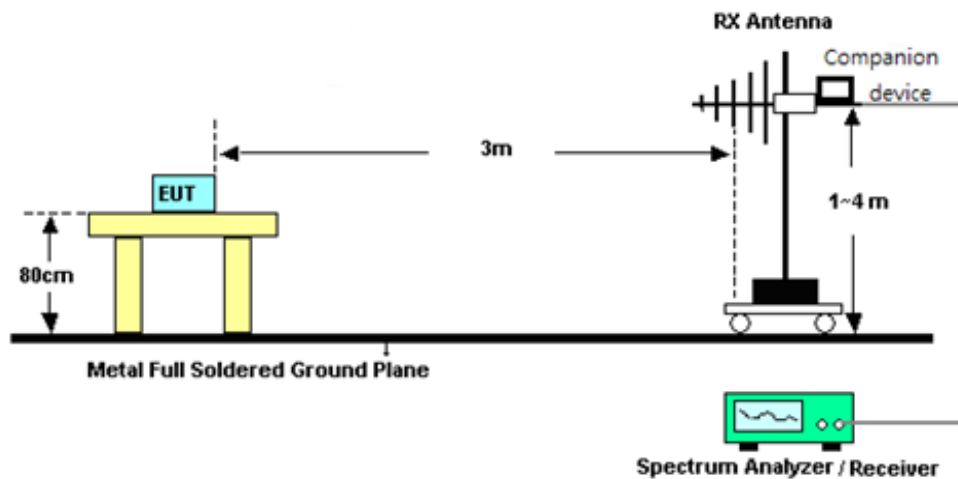


For radiated emissions from 30MHz to 1GHz

<CDD Mode>

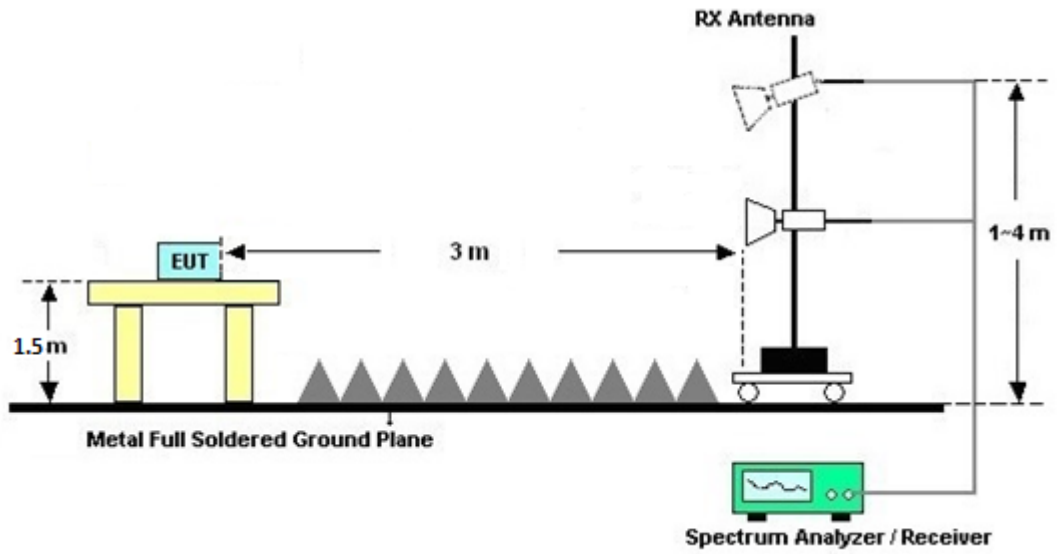


<TXBF Modes>

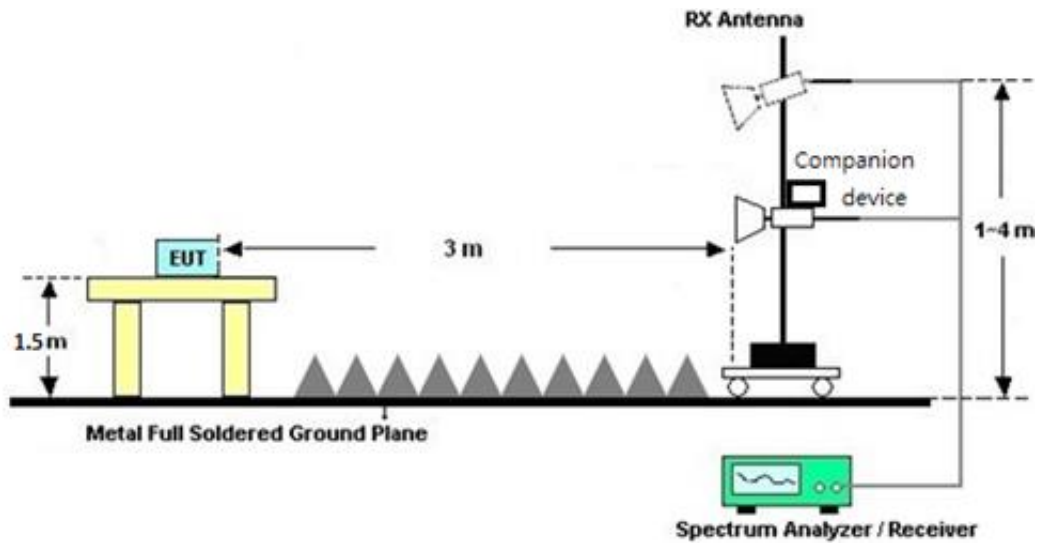


For radiated test above 1GHz

<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 B and C.

3.5.7 Duty Cycle

Please refer to Appendix D.

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

Please refer to Appendix B and C.



3.6 AC Conducted Emission Measurement

3.6.1 Limit of AC Conducted Emission

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

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

*Decreases with the logarithm of the frequency.

3.6.2 Measuring Instruments

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

3.6.3 Test Procedures

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

3.6.4 Test Setup



3.6.5 Test Result of AC Conducted Emission

Please refer to Appendix A.

3.7 Antenna Requirements

3.7.1 Standard Applicable

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

3.7.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.7.3 Antenna Gain

<CDD Modes >

For power measurements on IEEE 802.11 devices,

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

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

G_{ANT} is set equal to the gain of the antenna having the highest gain.

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

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

where

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

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

N_{ANT} = the total number of antennas

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

As minimum $N_{SS}=1$ is supported by EUT, the formula can be simplified as:

Directional gain = $10 \cdot \log[(10^{G_1 / 20} + 10^{G_2 / 20} + \dots + 10^{G_N / 20})^2 / N_{ANT}]$ dBi

Where G_1, G_2, \dots, G_N denote single antenna gain.

For example: If a device has two antenna, $G_{ANT1} = 3.6$ dBi; $G_{ANT2} = 4.2$ dBi

Directional gain of power measurement = $\max(3.6, 4.2) + 0 = 4.2$ dBi

Directional gain of PSD measurement = $10 \cdot \log[(10^{3.6/20} + 10^{4.2/20})^2 / 2] = 6.92$ dBi



			DG	DG	Power	PSD
			for	for	Limit	Limit
	Ant. 6	Ant. 7	Power	PSD	Reduction	Reduction
	(dBi)	(dBi)	(dBi)	(dBi)	(dB)	(dB)
2.4 GHz	1.39	0.47	1.39	3.95	0.00	0.00

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

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

Calculation example:

The DG for PSD is derived from formula is

$$10 \times \log \left\{ \left[10^{1.39} + 10^{0.47} \right] / 2 \right\} = 3.95 \text{ dBi}$$



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
	Ant. 6	Ant. 7	for	for	Limit	Limit
	(dBi)	(dBi)	Power	PSD	Reduction	Reduction
			(dBi)	(dBi)	(dB)	(dB)
2.4 GHz	1.39	0.47	3.95	3.95	0.00	0.00

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

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

Calculation example:

For the DG for PSD is derived from formula is

$$10 \times \log \left\{ \left[10^{1.39 / 20} + 10^{0.47 / 20} \right]^2 / 2 \right\}$$

$$= 3.95 \text{ dBi}$$



4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	May 13, 2022	Jun. 23, 2022~ Jun. 30, 2022	May 12, 2023	Radiation (03CH16-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00802N1D01N- 06	47020 & 06	30MHz to 1GHz	Oct. 09, 2021	Jun. 23, 2022~ Jun. 30, 2022	Oct. 08, 2022	Radiation (03CH16-HY)
Horn Antenna	SCHWARZBE CK	BBHA 9120 D	9120D-1522	1G~18GHz	Mar. 10, 2022	Jun. 23, 2022~ Jun. 30, 2022	Mar. 09, 2023	Radiation (03CH16-HY)
SHF-EHF Horn Antenna	SCHWARZBE CK	BBHA 9170	00993	18GHz ~40GHz	Nov. 30, 2021	Jun. 23, 2022~ Jun. 30, 2022	Nov. 29, 2022	Radiation (03CH16-HY)
Amplifier	SONOMA	310N	371607	9kHz~1G	Jul. 05, 2021	Jun. 23, 2022~ Jun. 30, 2022	Jul. 04, 2022	Radiation (03CH16-HY)
Preamplifier	EMEC	EM18G40G	060812	18GHz~40GHz	Dec. 27, 2021	Jun. 23, 2022~ Jun. 30, 2022	Dec. 26, 2022	Radiation (03CH16-HY)
Preamplifier	Keysight	83017A	MY53270264	1GHz~26.5GHz	Dec. 09, 2021	Jun. 23, 2022~ Jun. 30, 2022	Dec. 08, 2022	Radiation (03CH16-HY)
EMI Test Receiver	Keysight	N9038A(MXE)	MY57290111	3Hz~26.5GHz	Dec. 15, 2021	Jun. 23, 2022~ Jun. 30, 2022	Dec. 14, 2022	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY11680/4PE	NA	Aug. 28, 2021	Jun. 23, 2022~ Jun. 30, 2022	Aug. 27, 2022	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY11688/4PE	NA	Aug. 28, 2021	Jun. 23, 2022~ Jun. 30, 2022	Aug. 27, 2022	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	EC-A5-300-57 57	NA	Aug. 28, 2021	Jun. 23, 2022~ Jun. 30, 2022	Aug. 27, 2022	Radiation (03CH16-HY)
Software	Audix	E3 6.2009-8-24	RK-001136	N/A	N/A	Jun. 23, 2022~ Jun. 30, 2022	N/A	Radiation (03CH16-HY)
Controller	ChainTek	3000-1	N/A	Control Turn table & Ant Mast	N/A	Jun. 23, 2022~ Jun. 30, 2022	N/A	Radiation (03CH16-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Jun. 23, 2022~ Jun. 30, 2022	N/A	Radiation (03CH16-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Jun. 23, 2022~ Jun. 30, 2022	N/A	Radiation (03CH16-HY)
AC Power Source	ACPOWER	AFC-11003G	F317040033	N/A	N/A	Jul. 04, 2022	N/A	Conduction (CO07-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Jul. 04, 2022	N/A	Conduction (CO07-HY)
Pulse Limiter	SCHWARZBE CK	VTSD 9561-F N	9561-F N00373	9kHz-200MHz	Oct. 29, 2021	Jul. 04, 2022	Oct. 28, 2022	Conduction (CO07-HY)
RF Cable	HUBER + SUHNER	RG 214/U	1358175	9kHz~30MHz	Mar. 16, 2022	Jul. 04, 2022	Mar. 15, 2023	Conduction (CO07-HY)
Two-Line V-Network	TESEQ	NNB 51	45051	N/A	Feb. 16, 2022	Jul. 04, 2022	Feb. 15, 2023	Conduction (CO07-HY)
EMI Test Receiver	Rohde & Schwarz	ESCI7	100724	9kHz~7GHz	Fed. 24, 2022	Jul. 04, 2022	Feb. 23, 2023	Conduction (CO07-HY)



Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Hygrometer	TECPEL	DTM-303A	TP201996	N/A	Nov. 16, 2021	Jun. 14, 2022~ Jul. 22, 2022	Nov. 15, 2022	Conducted (TH05-HY)
Power Sensor	DARE	RPR3006W	16I00054SNO 12 (NO:113)	10MHz~6GHz	Dec. 16, 2021	Jun. 14, 2022~ Jul. 22, 2022	Dec. 15, 2022	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101566	10Hz~40GHz	Aug. 30, 2021	Jun. 14, 2022~ Jul. 22, 2022	Aug. 29, 2022	Conducted (TH05-HY)
Switch Control Mainframe	E-IUSTRUMENT	ETF-1405-0	EC1900067 (BOX7)	N/A	Aug. 12, 2021	Jun. 14, 2022~ Jul. 22, 2022	Aug. 11, 2022	Conducted (TH05-HY)



5 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	2.3 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% ($U = 2Uc(y)$)	5.2 dB
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Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.8 dB
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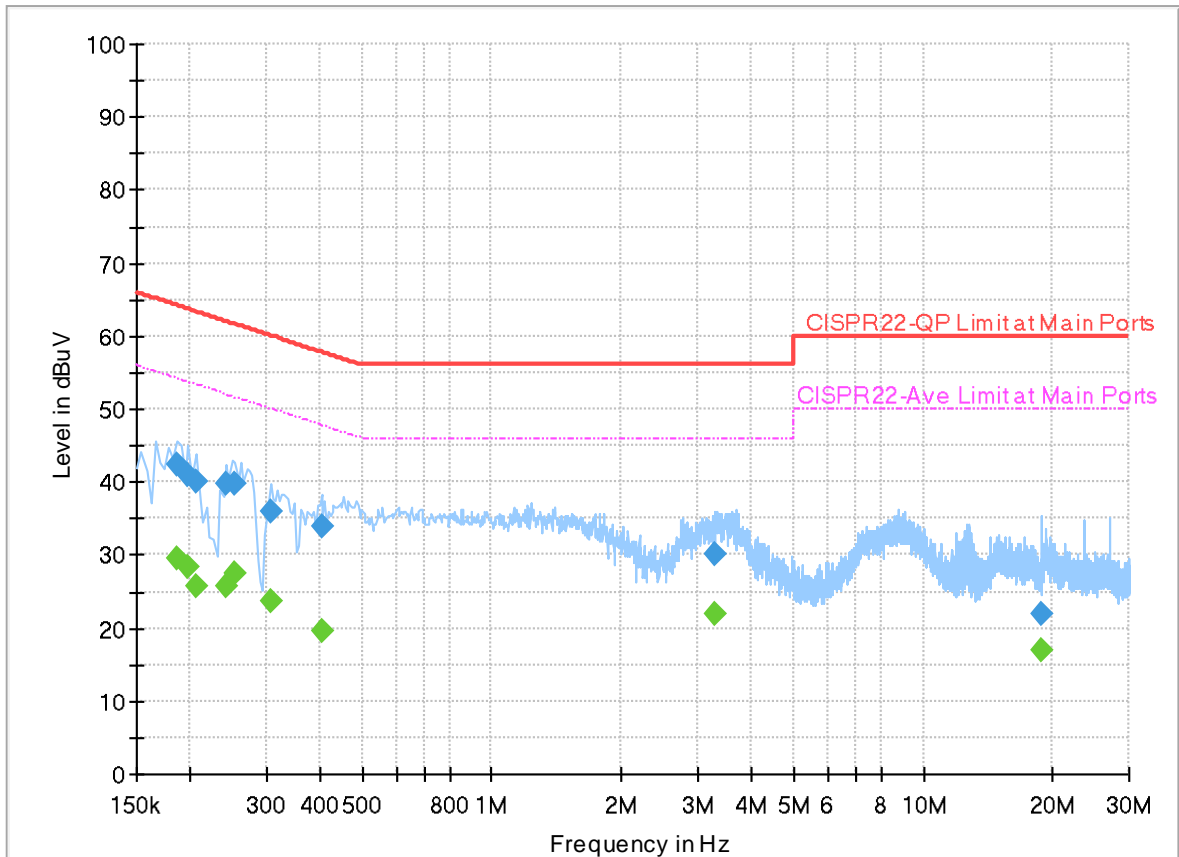
Appendix A. AC Conducted Emission Test Results

Test Engineer :	Louis Chung	Temperature :	22.2~26.3°C
		Relative Humidity :	48.2~58.7%

EUT Information

Report NO : 1N2541
 Test Mode : Mode 1
 Test Voltage : 120Vac/60Hz
 Phase : Line

Full Spectrum



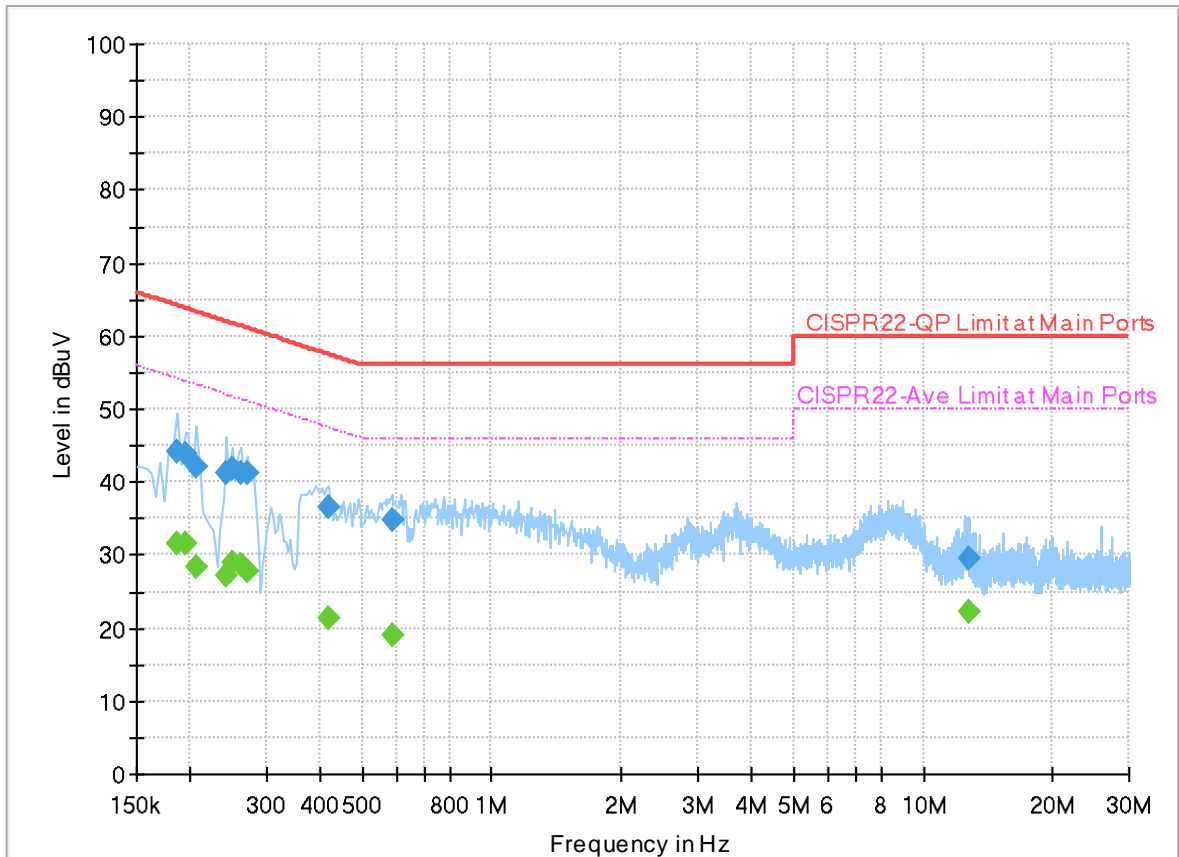
Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.186000	---	29.64	54.21	24.57	L1	OFF	20.0
0.186000	42.41	---	64.21	21.80	L1	OFF	20.0
0.198000	---	28.30	53.69	25.39	L1	OFF	20.0
0.198000	40.97	---	63.69	22.72	L1	OFF	20.0
0.206000	---	25.66	53.37	27.71	L1	OFF	20.0
0.206000	40.05	---	63.37	23.32	L1	OFF	20.0
0.242000	---	25.77	52.03	26.26	L1	OFF	20.0
0.242000	39.86	---	62.03	22.17	L1	OFF	20.0
0.254000	---	27.63	51.63	24.00	L1	OFF	20.0
0.254000	39.74	---	61.63	21.89	L1	OFF	20.0
0.306000	---	23.55	50.08	26.53	L1	OFF	20.0
0.306000	35.86	---	60.08	24.22	L1	OFF	20.0
0.402000	---	19.63	47.81	28.18	L1	OFF	20.0
0.402000	34.05	---	57.81	23.76	L1	OFF	20.0
3.286000	---	22.03	46.00	23.97	L1	OFF	20.0
3.286000	30.11	---	56.00	25.89	L1	OFF	20.0
18.826000	---	16.91	50.00	33.09	L1	OFF	20.2
18.826000	21.87	---	60.00	38.13	L1	OFF	20.2

EUT Information

Report NO : 1N2541
 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)
0.186000	---	31.60	54.21	22.61	N	OFF	20.0
0.186000	44.26	---	64.21	19.95	N	OFF	20.0
0.194000	---	31.48	53.86	22.38	N	OFF	20.0
0.194000	43.72	---	63.86	20.14	N	OFF	20.0
0.206000	---	28.41	53.37	24.96	N	OFF	20.0
0.206000	42.09	---	63.37	21.28	N	OFF	20.0
0.242000	---	27.33	52.03	24.70	N	OFF	20.0
0.242000	41.16	---	62.03	20.87	N	OFF	20.0
0.250000	---	29.05	51.76	22.71	N	OFF	20.0
0.250000	41.70	---	61.76	20.06	N	OFF	20.0
0.262000	---	28.68	51.37	22.69	N	OFF	20.0
0.262000	41.32	---	61.37	20.05	N	OFF	20.0
0.270000	---	27.78	51.12	23.34	N	OFF	20.0
0.270000	41.15	---	61.12	19.97	N	OFF	20.0
0.418000	---	21.28	47.49	26.21	N	OFF	20.0
0.418000	36.69	---	57.49	20.80	N	OFF	20.0
0.586000	---	19.15	46.00	26.85	N	OFF	20.0
0.586000	34.77	---	56.00	21.23	N	OFF	20.0
12.718000	---	22.17	50.00	27.83	N	OFF	20.2

12.718000	29.44	---	60.00	30.56	N	OFF	20.2
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Appendix B. Radiated Spurious Emission

Test Engineer :	Andy Yang, Karl Hou and Steven Wu	Temperature :	20~25°C
		Relative Humidity :	50~60%



<CDD Mode>

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

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.	
6+7		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)	
802.11b CH 01 2412MHz		2387.28	56.55	-17.45	74	41.06	27.35	18.21	30.07	100	78	P	H	
		2389.905	47.7	-6.3	54	32.19	27.36	18.22	30.07	100	78	A	H	
	*	2412	111.9	-	-	96.24	27.47	18.26	30.07	100	78	P	H	
	*	2412	108.88	-	-	93.22	27.47	18.26	30.07	100	78	A	H	
													H	
														H
			2390	57.93	-16.07	74	42.42	27.36	18.22	30.07	383	203	P	V
			2390	47.62	-6.38	54	32.11	27.36	18.22	30.07	383	203	A	V
	*		2412	110.87	-	-	95.21	27.47	18.26	30.07	383	203	P	V
	*		2412	107.85	-	-	92.19	27.47	18.26	30.07	383	203	A	V
														V
														V
802.11b CH 06 2437MHz		2326.34	56.67	-17.33	74	41.47	27.2	18.09	30.09	358	344	P	H	
		2389.98	44.87	-9.13	54	29.36	27.36	18.22	30.07	358	344	A	H	
	*	2437	114.25	-	-	98.38	27.62	18.31	30.06	358	344	P	H	
	*	2437	111.26	-	-	95.39	27.62	18.31	30.06	358	344	A	H	
			2483.5	58.38	-15.62	74	42.2	27.83	18.39	30.04	358	344	P	H
			2485.09	48.38	-5.62	54	32.19	27.84	18.39	30.04	358	344	A	H
			2379.316	56.35	-17.65	74	40.91	27.32	18.2	30.08	371	205	P	V
			2389.98	44.31	-9.69	54	28.8	27.36	18.22	30.07	371	205	A	V
	*		2437	111.58	-	-	95.71	27.62	18.31	30.06	371	205	P	V
	*		2437	108.48	-	-	92.61	27.62	18.31	30.06	371	205	A	V
			2489.01	58.3	-15.7	74	42.08	27.86	18.4	30.04	371	205	P	V
			2485.58	47.93	-6.07	54	31.74	27.84	18.39	30.04	371	205	A	V



802.11b CH 11 2462MHz	*	2462	112.07	-	-	96.02	27.75	18.35	30.05	161	153	P	H
	*	2462	109.08	-	-	93.03	27.75	18.35	30.05	161	153	A	H
		2488.6	58.77	-15.23	74	42.56	27.85	18.4	30.04	161	153	P	H
		2488.6	50.31	-3.69	54	34.1	27.85	18.4	30.04	161	153	A	H
													H
													H
	*	2462	110.1	-	-	94.05	27.75	18.35	30.05	400	190	P	V
	*	2462	107.12	-	-	91.07	27.75	18.35	30.05	400	190	A	V
		2488.52	58.96	-15.04	74	42.75	27.85	18.4	30.04	400	190	P	V
		2488.6	49.94	-4.06	54	33.73	27.85	18.4	30.04	400	190	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. 6+7	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	39.57	-34.43	74	60.95	32.44	12.34	66.16	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
			4824	39.18	-34.82	74	60.56	32.44	12.34	66.16	-	-	P
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V



WIFI Ant. 6+7	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 06 2437MHz		4874	40.54	-33.46	74	61.64	32.7	12.32	66.12	-	-	P	H
		7311	47.44	-26.56	74	60.2	37.13	15.83	65.72	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
			4874	39.9	-34.1	74	61	32.7	12.32	66.12	-	-	P
		7311	47.19	-26.81	74	59.95	37.13	15.83	65.72	-	-	P	V
													V
													V
													V
													V
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													V



WIFI Ant. 6+7	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	39.36	-34.64	74	60.2	32.94	12.3	66.08	-	-	P	H	
		7386	50.07	-23.93	74	62.82	36.76	16.25	65.76	263	306	P	H	
		7386	42.84	-11.16	54	55.59	36.76	16.25	65.76	263	306	A	H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
			4924	39.55	-34.45	74	60.39	32.94	12.3	66.08	-	-	P	V
			7386	45.86	-28.14	74	58.61	36.76	16.25	65.76	-	-	P	V
														V
														V
														V
														V
														V
														V
														V
													V	
Remark	<ol style="list-style-type: none"> No other spurious found. All results are PASS against Peak and Average limit line. 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. 6+7	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		2389.38	61.55	-12.45	74	46.04	27.36	18.22	30.07	118	353	P	H	
		2390	52.02	-1.98	54	36.51	27.36	18.22	30.07	118	353	A	H	
	*	2412	113.16	-	-	97.5	27.47	18.26	30.07	118	353	P	H	
	*	2412	105.58	-	-	89.92	27.47	18.26	30.07	118	353	A	H	
													H	
														H
			2390	63.8	-10.2	74	48.29	27.36	18.22	30.07	387	199	P	V
			2390	48.76	-5.24	54	33.25	27.36	18.22	30.07	387	199	A	V
	*		2412	107.71	-	-	92.05	27.47	18.26	30.07	387	199	P	V
	*		2412	100.77	-	-	85.11	27.47	18.26	30.07	387	199	A	V
														V
														V
802.11g CH 06 2437MHz		2385.88	56.18	-17.82	74	40.7	27.34	18.21	30.07	112	354	P	H	
		2389.94	46.24	-7.76	54	30.73	27.36	18.22	30.07	112	354	A	H	
	*	2437	115.52	-	-	99.65	27.62	18.31	30.06	112	354	P	H	
	*	2437	107.74	-	-	91.87	27.62	18.31	30.06	112	354	A	H	
			2484.46	65.48	-8.52	74	49.29	27.84	18.39	30.04	112	354	P	H
			2483.62	52.4	-1.6	54	36.22	27.83	18.39	30.04	112	354	A	H
			2365.86	56.15	-17.85	74	40.8	27.26	18.17	30.08	400	186	P	V
			2389.94	45.41	-8.59	54	29.9	27.36	18.22	30.07	400	186	A	V
	*		2437	110.3	-	-	94.43	27.62	18.31	30.06	400	186	P	V
	*		2437	102.84	-	-	86.97	27.62	18.31	30.06	400	186	A	V
			2483.97	59.97	-14.03	74	43.78	27.84	18.39	30.04	400	186	P	V
			2483.55	48.8	-5.2	54	32.62	27.83	18.39	30.04	400	186	A	V



802.11g CH 08 2447MHz	*	2447	113.49	-	-	97.55	27.68	18.32	30.06	116	354	P	H
	*	2447	106.08	-	-	90.14	27.68	18.32	30.06	116	354	A	H
		2484.46	68.57	-5.43	74	52.38	27.84	18.39	30.04	116	354	P	H
		2484.28	52.24	-1.76	54	36.05	27.84	18.39	30.04	116	354	A	H
													H
													H
	*	2447	107	-	-	91.06	27.68	18.32	30.06	400	189	P	V
	*	2447	99.99	-	-	84.05	27.68	18.32	30.06	400	189	A	V
		2484.16	59.76	-14.24	74	43.57	27.84	18.39	30.04	400	189	P	V
		2483.5	48.84	-5.16	54	32.66	27.83	18.39	30.04	400	189	A	V
													V
	802.11g CH 09 2452MHz	*	2452	112	-	-	96.01	27.71	18.33	30.05	106	352	P
*		2452	104.59	-	-	88.6	27.71	18.33	30.05	106	352	A	H
		2484.82	66.26	-7.74	74	50.07	27.84	18.39	30.04	106	352	P	H
		2483.92	51.42	-2.58	54	35.23	27.84	18.39	30.04	106	352	A	H
													H
													H
*		2452	105.3	-	-	89.31	27.71	18.33	30.05	400	182	P	V
*		2452	97.8	-	-	81.81	27.71	18.33	30.05	400	182	A	V
		2485	57.97	-16.03	74	41.78	27.84	18.39	30.04	400	182	P	V
		2483.5	47.28	-6.72	54	31.1	27.83	18.39	30.04	400	182	A	V
													V
													V



802.11g CH 10 2457MHz	*	2457	110.41	-	-	94.39	27.73	18.34	30.05	100	355	P	H
	*	2457	102.79	-	-	86.77	27.73	18.34	30.05	100	355	A	H
		2483.8	68.74	-5.26	74	52.55	27.84	18.39	30.04	100	355	P	H
		2484.22	51.66	-2.34	54	35.47	27.84	18.39	30.04	100	355	A	H
													H
													H
	*	2457	105.36	-	-	89.34	27.73	18.34	30.05	400	198	P	V
	*	2457	97.77	-	-	81.75	27.73	18.34	30.05	400	198	A	V
		2484.46	64.56	-9.44	74	48.37	27.84	18.39	30.04	400	198	P	V
		2483.62	49.32	-4.68	54	33.14	27.83	18.39	30.04	400	198	A	V
													V
													V
802.11g CH 11 2462MHz	*	2462	109.39	-	-	93.34	27.75	18.35	30.05	100	355	P	H
	*	2462	101.97	-	-	85.92	27.75	18.35	30.05	100	355	A	H
		2483.68	65.66	-8.34	74	49.48	27.83	18.39	30.04	100	355	P	H
		2483.52	52.38	-1.62	54	36.2	27.83	18.39	30.04	100	355	A	H
													H
													H
	*	2462	105.82	-	-	89.77	27.75	18.35	30.05	400	176	P	V
	*	2462	98.33	-	-	82.28	27.75	18.35	30.05	400	176	A	V
		2483.52	65.96	-8.04	74	49.78	27.83	18.39	30.04	400	176	P	V
		2483.56	52.64	-1.36	54	36.46	27.83	18.39	30.04	400	176	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. 6+7	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	39.2	-34.8	74	60.58	32.44	12.34	66.16	-	-	P	H
													H
													H
													H
													H
													H
													H
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													H
													H
													H
													H
			4824	39.3	-34.7	74	60.68	32.44	12.34	66.16	-	-	P
													V
													V
													V
													V
													V
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													V
													V
													V



WIFI Ant. 6+7	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 06 2437MHz		4874	39.48	-34.52	74	60.58	32.7	12.32	66.12	-	-	P	H
		7311	47.16	-26.84	74	59.92	37.13	15.83	65.72	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
			4874	39.19	-34.81	74	60.29	32.7	12.32	66.12	-	-	P
		7311	45.88	-28.12	74	58.64	37.13	15.83	65.72	-	-	P	V
													V
													V
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WIFI Ant. 6+7	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 11 2462MHz		4924	39.26	-34.74	74	60.08	32.94	12.32	66.08	-	-	P	H
		7386	44.63	-29.37	74	57.59	36.76	16.04	65.76	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
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													H
													H
													H
													H
													H
			4924	39.02	-34.98	74	59.84	32.94	12.32	66.08	-	-	P
		7386	44.73	-29.27	74	57.69	36.76	16.04	65.76	-	-	P	V
													V
													V
													V
													V
													V
													V
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													V
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													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 6+7	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		2390	63.39	-10.61	74	47.88	27.36	18.22	30.07	119	354	P	H	
		2390	51.99	-2.01	54	36.48	27.36	18.22	30.07	119	354	A	H	
	*	2412	112.81	-	-	97.15	27.47	18.26	30.07	119	354	P	H	
	*	2412	104.48	-	-	88.82	27.47	18.26	30.07	119	354	A	H	
													H	
														H
			2390	62.44	-11.56	74	46.93	27.36	18.22	30.07	381	207	P	V
			2389.905	51.34	-2.66	54	35.83	27.36	18.22	30.07	381	207	A	V
		*	2412	109.26	-	-	93.6	27.47	18.26	30.07	381	207	P	V
		*	2412	100.27	-	-	84.61	27.47	18.26	30.07	381	207	A	V
													V	
													V	
802.11ax HE20 Full CH 06 2437MHz		2389.8	56.93	-17.07	74	41.42	27.36	18.22	30.07	105	351	P	H	
		2389.8	45.89	-8.11	54	30.38	27.36	18.22	30.07	105	351	A	H	
	*	2437	113.93	-	-	98.06	27.62	18.31	30.06	105	351	P	H	
	*	2437	105.04	-	-	89.17	27.62	18.31	30.06	105	351	A	H	
			2486.49	62.95	-11.05	74	46.74	27.85	18.4	30.04	105	351	P	H
			2483.76	51.89	-2.11	54	35.7	27.84	18.39	30.04	105	351	A	H
			2338.42	55.93	-18.07	74	40.7	27.2	18.12	30.09	372	189	P	V
			2389.94	44.8	-9.2	54	29.29	27.36	18.22	30.07	372	189	A	V
		*	2437	110.66	-	-	94.79	27.62	18.31	30.06	372	189	P	V
		*	2437	100.71	-	-	84.84	27.62	18.31	30.06	372	189	A	V
		2483.69	58.56	-15.44	74	42.38	27.83	18.39	30.04	372	189	P	V	
		2483.76	47.3	-6.7	54	31.11	27.84	18.39	30.04	372	189	A	V	



WIFI Ant. 6+7	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 10 2457MHz	*	2457	111.21	-	-	95.19	27.73	18.34	30.05	165	0	P	H
	*	2457	103.09	-	-	87.07	27.73	18.34	30.05	165	0	A	H
		2485.36	65.32	-8.68	74	49.13	27.84	18.39	30.04	165	0	P	H
		2483.5	52.04	-1.96	54	35.86	27.83	18.39	30.04	165	0	A	H
													H
													H
	*	2457	106.86	-	-	90.84	27.73	18.34	30.05	366	195	P	V
	*	2457	98.71	-	-	82.69	27.73	18.34	30.05	366	195	A	V
		2484.94	66.44	-7.56	74	50.25	27.84	18.39	30.04	366	195	P	V
		2483.5	49.3	-4.7	54	33.12	27.83	18.39	30.04	366	195	A	V
												V	
												V	
802.11ax HE20 Full CH 11 2462MHz	*	2462	108.76	-	-	92.71	27.75	18.35	30.05	100	353	P	H
	*	2462	99.77	-	-	83.72	27.75	18.35	30.05	100	353	A	H
		2483.8	63.68	-10.32	74	47.49	27.84	18.39	30.04	100	353	P	H
		2483.52	51.6	-2.4	54	35.42	27.83	18.39	30.04	100	353	A	H
													H
													H
	*	2462	103.36	-	-	87.31	27.75	18.35	30.05	399	177	P	V
	*	2462	95.88	-	-	79.83	27.75	18.35	30.05	399	177	A	V
		2484.56	65.2	-8.8	74	49.01	27.84	18.39	30.04	399	177	P	V
		2484.12	49.61	-4.39	54	33.42	27.84	18.39	30.04	399	177	A	V
												V	
												V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11 ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 6+7	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		4824	39.07	-34.93	74	60.42	32.44	12.37	66.16	-	-	P	H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
			4824	39.15	-34.85	74	60.5	32.44	12.37	66.16	-	-	P	V
														V
													V	
													V	
													V	
													V	
													V	
													V	
													V	
													V	
													V	
													V	
													V	
													V	



WIFI Ant. 6+7	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	39.95	-34.05	74	61.05	32.7	12.32	66.12	-	-	P	H
		7311	45.32	-28.68	74	58.08	37.13	15.83	65.72	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
			4874	38.97	-35.03	74	60.07	32.7	12.32	66.12	-	-	P
		7311	46.11	-27.89	74	58.87	37.13	15.83	65.72	-	-	P	V
													V
													V
													V
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WIFI Ant. 6+7	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		4924	39.52	-34.48	74	60.34	32.94	12.32	66.08	-	-	P	H	
		7386	44.45	-29.55	74	57.41	36.76	16.04	65.76	-	-	P	H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
			4924	40.23	-33.77	74	61.05	32.94	12.32	66.08	-	-	P	V
			7386	44.55	-29.45	74	57.51	36.76	16.04	65.76	-	-	P	V
													V	
													V	
													V	
													V	
													V	
													V	
													V	
													V	
													V	
													V	
													V	
													V	
Remark	<ol style="list-style-type: none"> No other spurious found. All results are PASS against Peak and Average limit line. 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 802.11ax HE20 Partial 106 (Band Edge @ 3m)**

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11ax HE20 Partial 106/53 CH 01 2412MHz		2390	63.67	-10.33	74	48.16	27.36	18.22	30.07	115	354	P	H	
		2390	51.37	-2.63	54	35.86	27.36	18.22	30.07	115	354	A	H	
	*	2412	114.52	-	-	98.86	27.47	18.26	30.07	115	354	P	H	
	*	2412	106.07	-	-	90.41	27.47	18.26	30.07	115	354	A	H	
													H	
													H	
			2389.905	62.47	-11.53	74	46.96	27.36	18.22	30.07	385	202	P	V
			2390	46.63	-7.37	54	31.12	27.36	18.22	30.07	385	202	A	V
	*		2412	110.93	-	-	95.27	27.47	18.26	30.07	385	202	P	V
	*		2412	102.18	-	-	86.52	27.47	18.26	30.07	385	202	A	V
													V	
													V	
802.11ax HE20 Partial 106/54 CH 11 2462MHz	*	2462	111.67	-	-	95.62	27.75	18.35	30.05	100	353	P	H	
	*	2462	103.33	-	-	87.28	27.75	18.35	30.05	100	353	A	H	
			2483.52	71.35	-2.65	74	55.17	27.83	18.39	30.04	100	353	P	H
			2483.52	50.87	-3.13	54	34.69	27.83	18.39	30.04	100	353	A	H
													H	
													H	
	*		2462	105.73	-	-	89.68	27.75	18.35	30.05	400	173	P	V
	*		2462	97.37	-	-	81.32	27.75	18.35	30.05	400	173	A	V
			2483.68	69.63	-4.37	74	53.45	27.83	18.39	30.04	400	173	P	V
			2483.52	49.5	-4.5	54	33.32	27.83	18.39	30.04	400	173	A	V
													V	
													V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



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

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.	
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.		
6+7		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)	
2.4GHz 802.11g LF		37.76	25.02	-14.98	40	35.52	20.79	1.01	32.3	-	-	P	H	
		65.89	27.08	-12.92	40	45.88	12.04	1.44	32.28	-	-	P	H	
		125.06	25.72	-17.78	43.5	38.53	17.49	1.97	32.27	-	-	P	H	
		454.86	23.8	-22.2	46	29.14	23.34	3.74	32.42	-	-	P	H	
		704.15	28.23	-17.77	46	29.51	26.54	4.57	32.39	-	-	P	H	
		947.62	34.21	-11.79	46	29.57	30.47	5.39	31.22	-	-	P	H	
														H
														H
														H
														H
														H
														H
			37.76	33.9	-6.1	40	44.4	20.79	1.01	32.3	-	-	P	V
			66.86	33.55	-6.45	40	52.24	12.14	1.45	32.28	-	-	P	V
			181.32	28.82	-14.68	43.5	43.63	15.01	2.4	32.22	-	-	P	V
			474.26	26.56	-19.44	46	31.54	23.61	3.8	32.39	-	-	P	V
			560.59	27.9	-18.1	46	30.1	26.09	4.15	32.44	-	-	P	V
			947.62	34.62	-11.38	46	29.98	30.47	5.39	31.22	-	-	P	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 and emission level has at least 6dB margin against limit or emission is 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.	
6+7		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)	
802.11ax HE20 Full CH 01 2412MHz		2389.905	66.19	-7.81	74	50.68	27.36	18.22	30.07	163	135	P	H	
		2390	51.3	-2.7	54	35.79	27.36	18.22	30.07	163	135	A	H	
	*	2412	107.46	-	-	91.8	27.47	18.26	30.07	163	135	P	H	
	*	2412	99.16	-	-	83.5	27.47	18.26	30.07	163	135	A	H	
													H	
														H
			2389.905	65.4	-8.6	74	49.89	27.36	18.22	30.07	386	205	P	V
			2389.905	52.11	-1.89	54	36.6	27.36	18.22	30.07	386	205	A	V
		*	2412	108	-	-	92.34	27.47	18.26	30.07	386	205	P	V
		*	2412	99.21	-	-	83.55	27.47	18.26	30.07	386	205	A	V
													V	
													V	
802.11ax HE20 Full CH 06 2437MHz		2377.34	55.3	-18.7	74	39.88	27.31	18.19	30.08	103	353	P	H	
		2380.14	45.06	-8.94	54	29.62	27.32	18.2	30.08	103	353	A	H	
	*	2437	113.04	-	-	97.17	27.62	18.31	30.06	103	353	P	H	
	*	2437	104.62	-	-	88.75	27.62	18.31	30.06	103	353	A	H	
			2484.88	58.46	-15.54	74	42.27	27.84	18.39	30.04	103	353	P	H
			2484.6	48.87	-5.13	54	32.68	27.84	18.39	30.04	103	353	A	H
			2388.68	56.51	-17.49	74	41.01	27.35	18.22	30.07	400	186	P	V
			2389.8	45.36	-8.64	54	29.85	27.36	18.22	30.07	400	186	A	V
		*	2437	108.31	-	-	92.44	27.62	18.31	30.06	400	186	P	V
		*	2437	100.15	-	-	84.28	27.62	18.31	30.06	400	186	A	V
		2483.55	58.38	-15.62	74	42.2	27.83	18.39	30.04	400	186	P	V	
		2483.5	48.01	-5.99	54	31.83	27.83	18.39	30.04	400	186	A	V	



WIFI Ant. 6+7	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 09 2452MHz	*	2452	112.65	-	-	96.66	27.71	18.33	30.05	100	351	P	H	
	*	2452	103.8	-	-	87.81	27.71	18.33	30.05	100	351	A	H	
		2485.18	66.63	-7.37	74	50.44	27.84	18.39	30.04	100	351	P	H	
		2484.82	52.41	-1.59	54	36.22	27.84	18.39	30.04	100	351	A	H	
													H	
														H
	*	2452	110.37	-	-	94.38	27.71	18.33	30.05	400	25	P	V	
	*	2452	98.34	-	-	82.35	27.71	18.33	30.05	400	25	A	V	
		2485.54	62.71	-11.29	74	46.52	27.84	18.39	30.04	400	25	P	V	
		2483.86	47.78	-6.22	54	31.59	27.84	18.39	30.04	400	25	A	V	
													V	
													V	
802.11ax HE20 Full CH 10 2457MHz	*	2457	110.85	-	-	94.83	27.73	18.34	30.05	112	352	P	H	
	*	2457	103.02	-	-	87	27.73	18.34	30.05	112	352	A	H	
		2483.8	66.06	-7.94	74	49.87	27.84	18.39	30.04	112	352	P	H	
		2483.5	51.89	-2.11	54	35.71	27.83	18.39	30.04	112	352	A	H	
														H
														H
	*	2457	106.36	-	-	90.34	27.73	18.34	30.05	366	191	P	V	
	*	2457	98.75	-	-	82.73	27.73	18.34	30.05	366	191	A	V	
		2483.5	61.91	-12.09	74	45.73	27.83	18.39	30.04	366	191	P	V	
		2483.62	50.06	-3.94	54	33.88	27.83	18.39	30.04	366	191	A	V	
													V	
													V	



WIFI Ant. 6+7	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	109.69	-	-	93.64	27.75	18.35	30.05	108	360	P	H
	*	2462	99.79	-	-	83.74	27.75	18.35	30.05	108	360	A	H
		2484.84	64.79	-9.21	74	48.6	27.84	18.39	30.04	108	360	P	H
		2483.5	52.62	-1.38	54	36.44	27.83	18.39	30.04	108	360	A	H
													H
													H
	*	2462	110.53	-	-	94.48	27.75	18.35	30.05	400	23	P	V
	*	2462	107.01	-	-	90.96	27.75	18.35	30.05	400	23	A	V
		2484.8	60.84	-13.16	74	44.65	27.84	18.39	30.04	400	23	P	V
		2483.56	49.32	-4.68	54	33.14	27.83	18.39	30.04	400	23	A	V
												V	
												V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11 ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 6+7	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		4824	39.68	-34.32	74	61.06	32.44	12.34	66.16	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
			4824	42.18	-31.82	74	63.56	32.44	12.34	66.16	-	-	P
													V
													V
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WIFI Ant. 6+7	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	39.5	-34.5	74	60.6	32.7	12.32	66.12	-	-	P	H
		7311	46.5	-27.5	74	59.26	37.13	15.83	65.72	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
			4874	39.25	-34.75	74	60.35	32.7	12.32	66.12	-	-	P
		7311	46	-28	74	58.76	37.13	15.83	65.72	-	-	P	V
													V
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WIFI Ant. 6+7	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		4924	43.48	-30.52	74	64.32	32.94	12.3	66.08	-	-	P	H
		7386	45.89	-28.11	74	58.64	36.76	16.25	65.76	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
			4924	45.94	-28.06	74	66.78	32.94	12.3	66.08	-	-	P
		7386	46.28	-27.72	74	59.03	36.76	16.25	65.76	-	-	P	V
													V
													V
													V
													V
													V
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													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.												



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.	
6+7		(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 C. Radiated Spurious Emission Plots

Test Engineer :	Andy Yang, Karl Hou and Steven Wu	Temperature :	20~25°C
		Relative Humidity :	50~60%

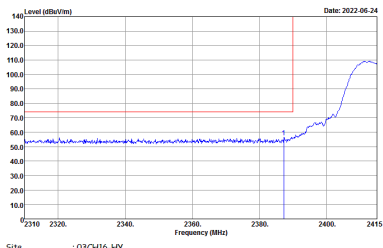
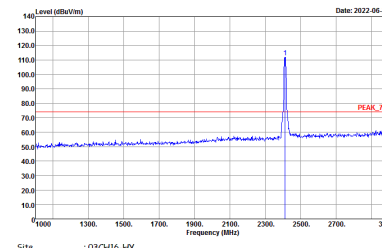
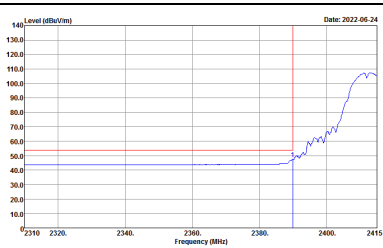
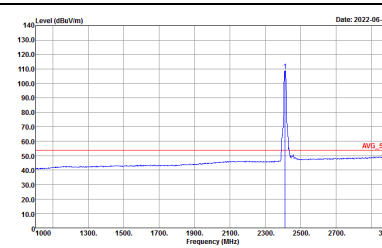
Note symbol

-L	Low channel location
-R	High channel location



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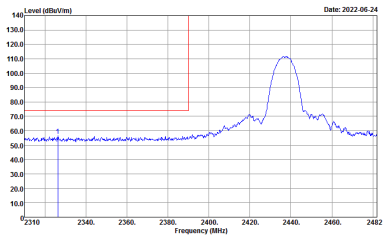
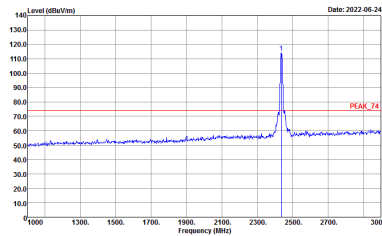
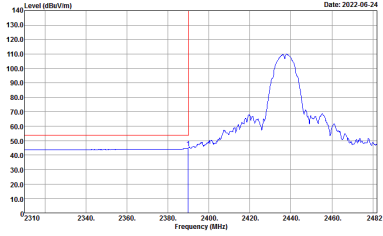
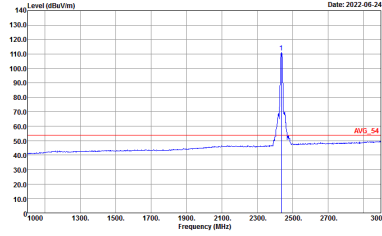
2.4GHz 2400~2483.5MHz
WIFI 802.11b (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH01 2412MHz	
6+7	Horizontal	Fundamental
Peak	 <p>Site : 03CH16-HY Condition : PEAK_SE_74 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	 <p>Site : 03CH16-HY Condition : AVG_54 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH01 2412MHz	
6+7	Vertical	Fundamental
Peak	<p>Level (dBuV/m) vs Frequency (MHz) plot for Vertical Peak. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 2310 to 2415 MHz. A red vertical line is at 2412 MHz. A blue curve shows the spectrum with a peak at 2412 MHz. A red horizontal line is at approximately 75 dBuV/m.</p> <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_220310 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Level (dBuV/m) vs Frequency (MHz) plot for Fundamental Peak. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 1000 to 3000 MHz. A red vertical line is at 2412 MHz. A blue curve shows the spectrum with a sharp peak at 2412 MHz. A red horizontal line is at approximately 75 dBuV/m.</p> <p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_220310 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
	Avg.	<p>Level (dBuV/m) vs Frequency (MHz) plot for Vertical Avg. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 2310 to 2415 MHz. A red vertical line is at 2412 MHz. A blue curve shows the spectrum with a peak at 2412 MHz. A red horizontal line is at approximately 55 dBuV/m.</p> <p>Site : 03CH16-HY Condition : AV6_BE_54 3m 91200_1522_220310 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>

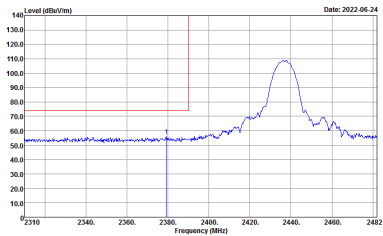
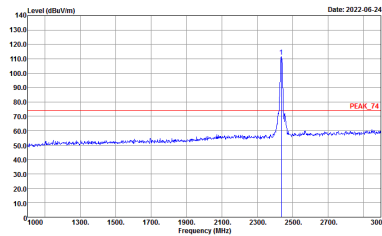
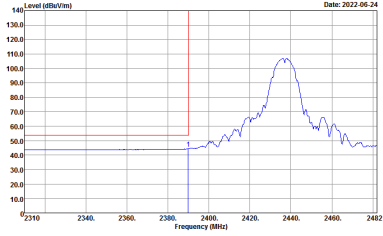
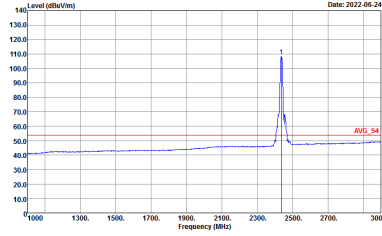


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - L	
6+7	Horizontal	Fundamental
Peak	 <p>Level (dBuV/m) vs Frequency (MHz) plot showing a peak at approximately 2437 MHz. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 2310 to 2482 MHz. A red vertical line marks the peak. Below the plot, the following text is present: Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Level (dBuV/m) vs Frequency (MHz) plot showing a sharp peak at approximately 2437 MHz. The y-axis ranges from 0 to 140 dBuV/m, and the x-axis ranges from 1000 to 3000 MHz. A red horizontal line is labeled 'PEAK 74'. Below the plot, the following text is present: Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Level (dBuV/m) vs Frequency (MHz) plot showing an average spectrum with a peak at approximately 2437 MHz. The y-axis ranges from 0 to 140 dBuV/m, and the x-axis ranges from 2310 to 2482 MHz. Below the plot, the following text is present: Site : 03CH16-HY Condition : AV6_BE_54 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	 <p>Level (dBuV/m) vs Frequency (MHz) plot showing an average spectrum with a peak at approximately 2437 MHz. The y-axis ranges from 0 to 140 dBuV/m, and the x-axis ranges from 1000 to 3000 MHz. A red horizontal line is labeled 'AVG 54'. Below the plot, the following text is present: Site : 03CH16-HY Condition : AV6_54 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>

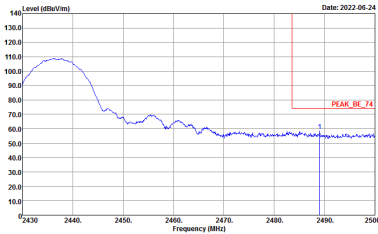
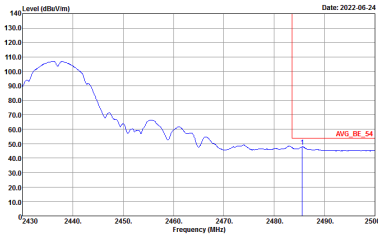


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
6+7	Horizontal	Fundamental
Peak	<p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank
Avg.	<p>Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:0.100KHz SWT:Auto</p>	Left blank

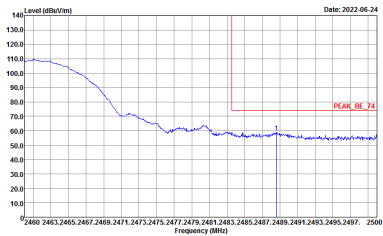
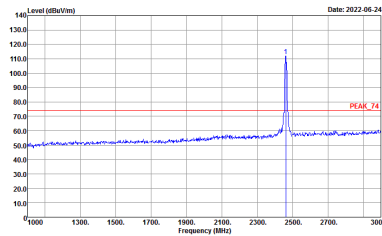
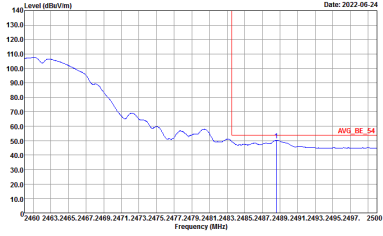
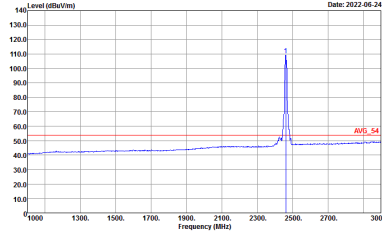


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - L	
6+7	Vertical	Fundamental
Peak	 <p>Level (dBuV/m) vs Frequency (MHz) plot showing a peak at approximately 2437 MHz. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 2310 to 2482 MHz. A red vertical line marks the peak at 2437 MHz.</p> <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_220310 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Level (dBuV/m) vs Frequency (MHz) plot showing a peak at approximately 2437 MHz. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 1000 to 3000 MHz. A red vertical line marks the peak at 2437 MHz.</p> <p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_220310 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Level (dBuV/m) vs Frequency (MHz) plot showing an average level at approximately 2437 MHz. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 2310 to 2482 MHz. A red vertical line marks the peak at 2437 MHz.</p> <p>Site : 03CH16-HY Condition : AV6_BE_54 3m 91200_1522_220310 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	 <p>Level (dBuV/m) vs Frequency (MHz) plot showing an average level at approximately 2437 MHz. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 1000 to 3000 MHz. A red vertical line marks the peak at 2437 MHz.</p> <p>Site : 03CH16-HY Condition : AV6_54 3m 91200_1522_220310 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>

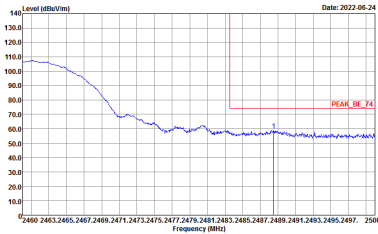
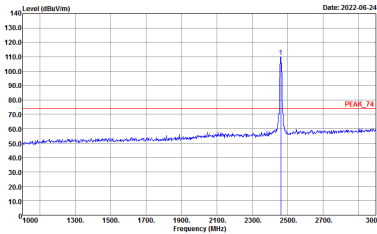
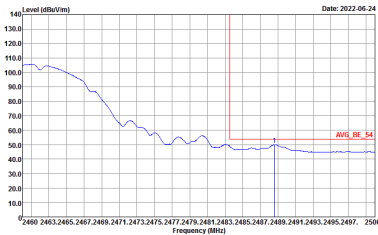
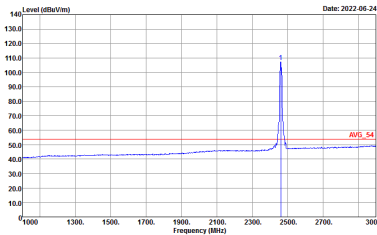


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
6+7	Vertical	Fundamental
<p>Peak</p>	 <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_220310 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Left blank</p>
<p>Avg.</p>	 <p>Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_220310 VERTICAL : RBW:1000.000KHz VBW:0.100KHz SWT:Auto</p>	<p>Left blank</p>



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH11 2462MHz	
6+7	Horizontal	Fundamental
Peak	 <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH16-HY Condition : AV6_BE_54 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	 <p>Site : 03CH16-HY Condition : AV6_54 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH11 2462MHz	
6+7	Vertical	Fundamental
Peak	 <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_220310 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_220310 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH16-HY Condition : AV6_BE_54 3m 91200_1522_220310 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	 <p>Site : 03CH16-HY Condition : AV6_54 3m 91200_1522_220310 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>



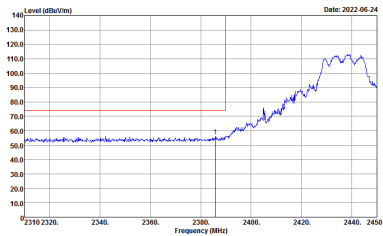
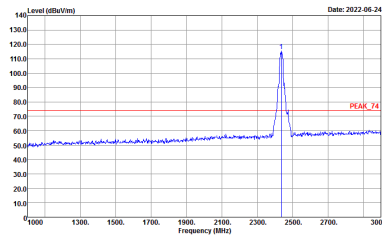
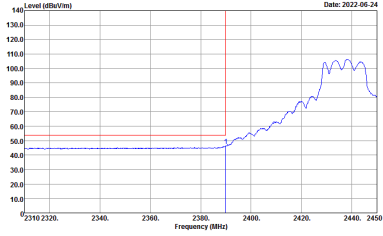
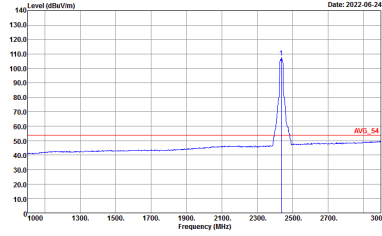
2.4GHz 2400~2483.5MHz
WIFI 802.11g (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH01 2412MHz	
6+7	Horizontal	Fundamental
Peak	<p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	<p>Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	<p>Site : 03CH16-HY Condition : AVG_54 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH01 2412MHz	
6+7	Vertical	Fundamental
Peak	<p>Level (dBm/1m) vs Frequency (MHz) for Vertical Peak. The plot shows a rising signal level starting around 2380 MHz, reaching approximately 105 dBm/1m at 2415 MHz. A red vertical line marks the peak at 2412 MHz.</p> <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_220310 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Level (dBm/1m) vs Frequency (MHz) for Fundamental Peak. The plot shows a sharp peak at 2412 MHz with a level of approximately 105 dBm/1m. A red horizontal line is labeled 'PEAK_74'.</p> <p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_220310 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
	Avg.	<p>Level (dBm/1m) vs Frequency (MHz) for Vertical Average. The plot shows a rising signal level starting around 2380 MHz, reaching approximately 105 dBm/1m at 2415 MHz. A red vertical line marks the peak at 2412 MHz.</p> <p>Site : 03CH16-HY Condition : AV6_BE_54 3m 91200_1522_220310 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - L	
6+7	Horizontal	Fundamental
Peak	 <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH16-HY Condition : AV6_BE_54 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	 <p>Site : 03CH16-HY Condition : AV6_54 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>

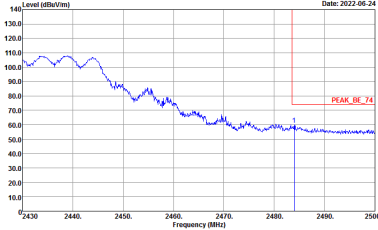
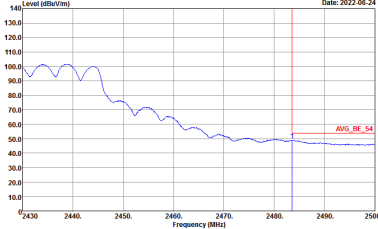


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
6+7	Horizontal	Fundamental
<p>Peak</p>		<p>Left blank</p>
<p>Avg.</p>		<p>Left blank</p>

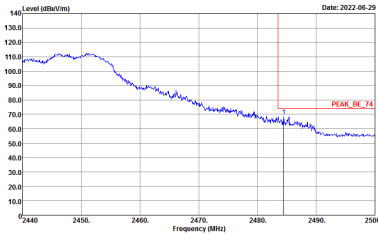
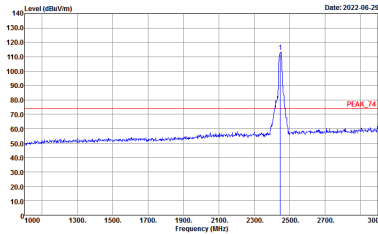
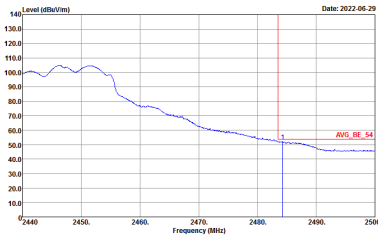
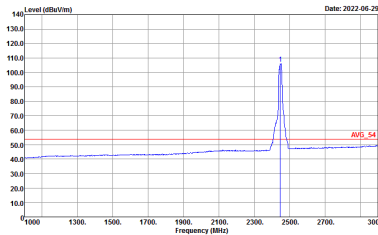


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - L	
6+7	Vertical	Fundamental
Peak	<p>Level (dBuV/m) vs Frequency (MHz) plot for Vertical Peak. The plot shows a rising signal level from approximately 50 dBuV/m at 2380 MHz to about 110 dBuV/m at 2440 MHz. A red vertical line is at 2437 MHz. Site: 03CH16-HY, Condition: PEAK_BE_74 3m 91200_1522_220310 VERTICAL, RBW:1000.000KHz VBW:3000.000KHz SWT:Auto.</p>	<p>Level (dBuV/m) vs Frequency (MHz) plot for Fundamental Peak. The plot shows a sharp peak at 2437 MHz with a level of approximately 110 dBuV/m. A red horizontal line is labeled 'PEAK_74'. Site: 03CH16-HY, Condition: PEAK_74 3m 91200_1522_220310 VERTICAL, RBW:1000.000KHz VBW:3000.000KHz SWT:Auto.</p>
	<p>Level (dBuV/m) vs Frequency (MHz) plot for Vertical Avg. The plot shows a rising signal level from approximately 50 dBuV/m at 2380 MHz to about 110 dBuV/m at 2440 MHz. A red vertical line is at 2437 MHz. Site: 03CH16-HY, Condition: AV6_BE_54 3m 91200_1522_220310 VERTICAL, RBW:1000.000KHz VBW:1000KHz SWT:Auto.</p>	<p>Level (dBuV/m) vs Frequency (MHz) plot for Fundamental Avg. The plot shows a sharp peak at 2437 MHz with a level of approximately 110 dBuV/m. A red horizontal line is labeled 'AVG_54'. Site: 03CH16-HY, Condition: AV6_54 3m 91200_1522_220310 VERTICAL, RBW:1000.000KHz VBW:1000KHz SWT:Auto.</p>

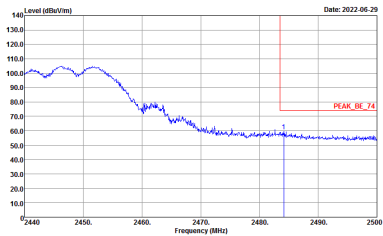
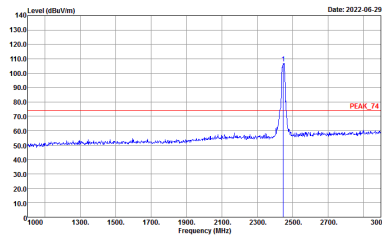
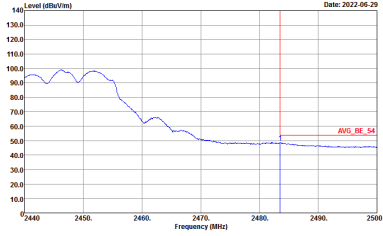
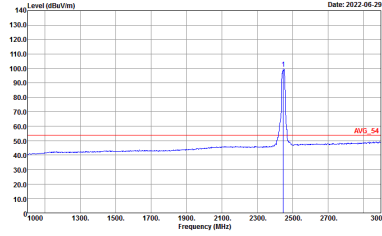


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
6+7	Vertical	Fundamental
<p>Peak</p>	 <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_220310 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Left Blank</p>
<p>Avg.</p>	 <p>Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_220310 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	<p>Left Blank</p>

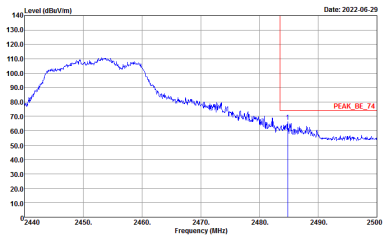
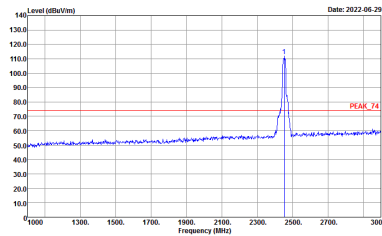
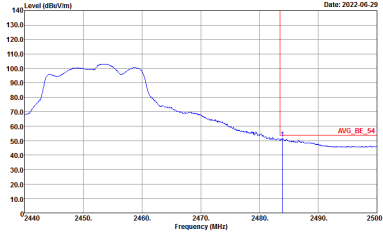
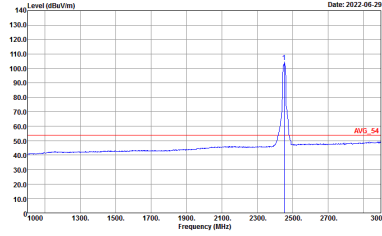


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH08 2447MHz	
6+7	Horizontal	Fundamental
Peak	 <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH16-HY Condition : AV6_BE_54 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	 <p>Site : 03CH16-HY Condition : AV6_54 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>

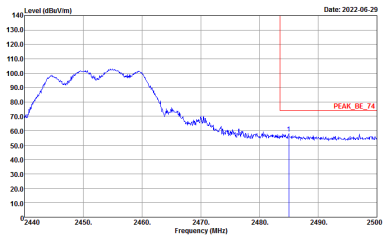
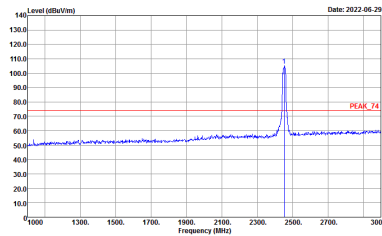
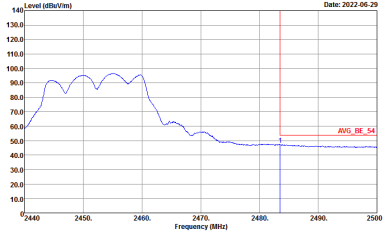
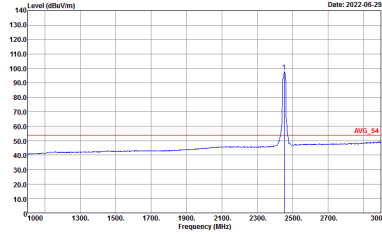


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH08 2447MHz	
6+7	Vertical	Fundamental
Peak	 <p>Level (dBuV/m) vs Frequency (MHz) plot for Vertical Peak. The x-axis ranges from 2440 to 2500 MHz, and the y-axis ranges from 10.0 to 140.0 dBuV/m. A red vertical line marks the peak at approximately 2483.5 MHz, labeled 'PEAK_BE_74'. The signal level is around 60 dBuV/m at this frequency.</p> <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_220310 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Level (dBuV/m) vs Frequency (MHz) plot for Fundamental Peak. The x-axis ranges from 1000 to 3000 MHz, and the y-axis ranges from 10.0 to 140.0 dBuV/m. A sharp peak is visible at approximately 2447 MHz, labeled 'PEAK_74'. The signal level is around 110 dBuV/m at this frequency.</p> <p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_220310 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Level (dBuV/m) vs Frequency (MHz) plot for Vertical Average. The x-axis ranges from 2440 to 2500 MHz, and the y-axis ranges from 10.0 to 140.0 dBuV/m. A red vertical line marks the average level at approximately 2483.5 MHz, labeled 'AVG_BE_54'. The signal level is around 50 dBuV/m at this frequency.</p> <p>Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_220310 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	 <p>Level (dBuV/m) vs Frequency (MHz) plot for Fundamental Average. The x-axis ranges from 1000 to 3000 MHz, and the y-axis ranges from 10.0 to 140.0 dBuV/m. A sharp peak is visible at approximately 2447 MHz, labeled 'AVG_54'. The signal level is around 110 dBuV/m at this frequency.</p> <p>Site : 03CH16-HY Condition : AVG_54 3m 91200_1522_220310 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>

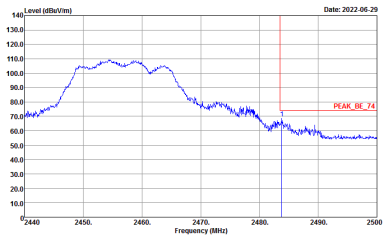
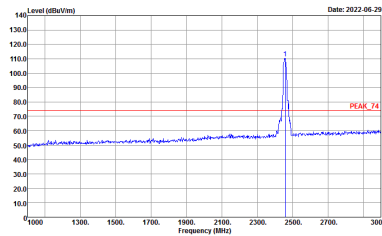
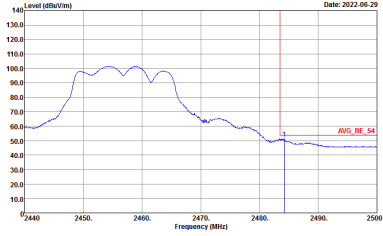
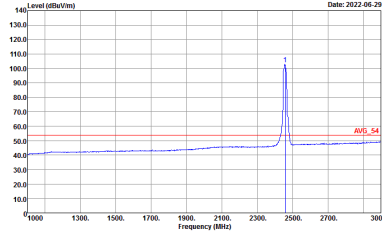


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH09 2452MHz	
6+7	Horizontal	Fundamental
Peak	 <p>Level (dBµV/m) vs Frequency (MHz) plot for Horizontal orientation. The y-axis ranges from 10.0 to 140.0 dBµV/m, and the x-axis ranges from 2440 to 2500 MHz. A red vertical line marks the peak at approximately 2483.5 MHz, labeled 'PEAK_BE_74'. The plot shows a broad signal between 2440 and 2480 MHz, followed by a sharp peak at the band edge.</p> <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Level (dBµV/m) vs Frequency (MHz) plot for Fundamental orientation. The y-axis ranges from 10.0 to 140.0 dBµV/m, and the x-axis ranges from 1000 to 3000 MHz. A red vertical line marks the peak at approximately 2452 MHz, labeled 'PEAK_74'. The plot shows a very narrow and sharp peak at the center frequency.</p> <p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Level (dBµV/m) vs Frequency (MHz) plot for Horizontal orientation. The y-axis ranges from 10.0 to 140.0 dBµV/m, and the x-axis ranges from 2440 to 2500 MHz. A red vertical line marks the average level at approximately 2483.5 MHz, labeled 'AVG_BE_54'. The plot shows a broad signal between 2440 and 2480 MHz, followed by a sharp peak at the band edge.</p> <p>Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	 <p>Level (dBµV/m) vs Frequency (MHz) plot for Fundamental orientation. The y-axis ranges from 10.0 to 140.0 dBµV/m, and the x-axis ranges from 1000 to 3000 MHz. A red vertical line marks the average level at approximately 2452 MHz, labeled 'AVG_54'. The plot shows a very narrow and sharp peak at the center frequency.</p> <p>Site : 03CH16-HY Condition : AVG_54 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>

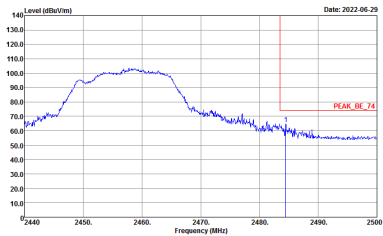
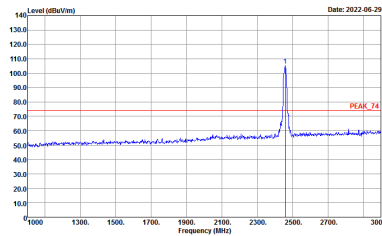
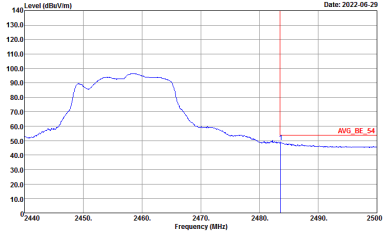
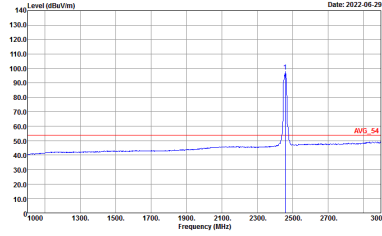


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH09 2452MHz	
6+7	Vertical	Fundamental
Peak	 <p>Level (dBuV/m) vs Frequency (MHz) plot for Vertical polarization. The plot shows a signal level starting around 80 dBuV/m at 2440 MHz, peaking near 100 dBuV/m between 2450 and 2460 MHz, and then gradually decreasing to about 60 dBuV/m by 2480 MHz. A red vertical line marks the peak at approximately 2483.5 MHz, labeled 'PEAK_BE_74'.</p> <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_220310 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Level (dBuV/m) vs Frequency (MHz) plot for Fundamental polarization. The plot shows a flat baseline around 50 dBuV/m from 1000 MHz to 2400 MHz. A sharp peak is visible at 2452 MHz, reaching approximately 110 dBuV/m. A red vertical line marks this peak, labeled 'PEAK_74'.</p> <p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_220310 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Level (dBuV/m) vs Frequency (MHz) plot for Vertical polarization. This is an averaged version of the peak plot. It shows a similar trend with a peak level of about 90 dBuV/m between 2450 and 2460 MHz, and a red vertical line at 2483.5 MHz labeled 'AVG_BE_54'.</p> <p>Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_220310 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	 <p>Level (dBuV/m) vs Frequency (MHz) plot for Fundamental polarization. This is an averaged version of the peak plot. It shows a sharp peak at 2452 MHz reaching about 100 dBuV/m, with a red vertical line labeled 'AVG_54'.</p> <p>Site : 03CH16-HY Condition : AVG_54 3m 91200_1522_220310 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>

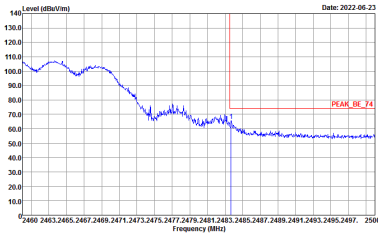
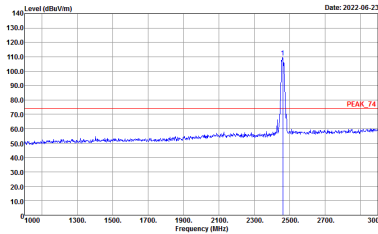
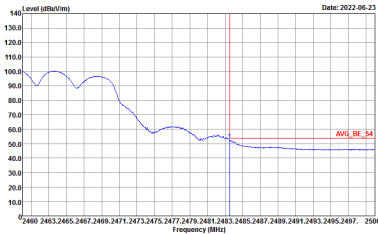
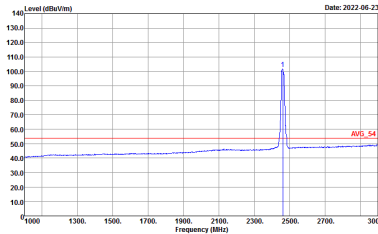


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH10 2457MHz	
6+7	Horizontal	Fundamental
Peak	 <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH16-HY Condition : AV6_BE_54 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	 <p>Site : 03CH16-HY Condition : AV6_54 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>

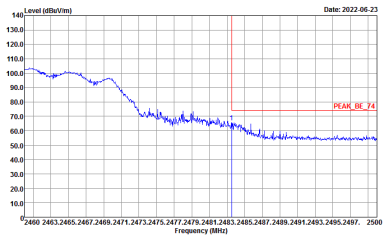
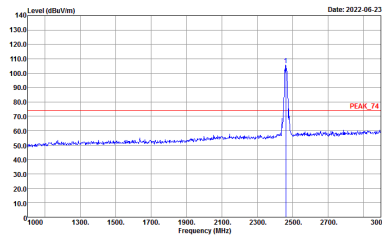
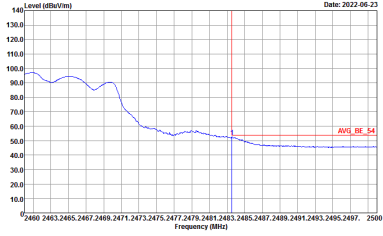
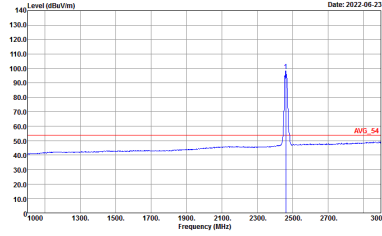


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH10 2457MHz	
6+7	Vertical	Fundamental
Peak	 <p>Level (dBuV/m) vs Frequency (MHz) plot for Vertical Peak. The plot shows a broad signal between 2440 and 2480 MHz, with a peak level of approximately 100 dBuV/m. A red vertical line marks the peak at 2457 MHz, labeled 'PEAK_BE_74'. Date: 2022-06-29 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_220310 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Level (dBuV/m) vs Frequency (MHz) plot for Fundamental Peak. The plot shows a sharp peak at 2457 MHz with a level of approximately 110 dBuV/m. A red vertical line marks the peak, labeled 'PEAK_74'. Date: 2022-06-29 Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_220310 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Level (dBuV/m) vs Frequency (MHz) plot for Vertical Average. The plot shows a broad signal between 2440 and 2480 MHz, with an average level of approximately 80 dBuV/m. A red vertical line marks the average at 2457 MHz, labeled 'AVG_BE_54'. Date: 2022-06-29 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_220310 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	 <p>Level (dBuV/m) vs Frequency (MHz) plot for Fundamental Average. The plot shows a sharp peak at 2457 MHz with an average level of approximately 100 dBuV/m. A red vertical line marks the average, labeled 'AVG_54'. Date: 2022-06-29 Site : 03CH16-HY Condition : AVG_54 3m 91200_1522_220310 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH11 2462MHz	
6+7	Horizontal	Fundamental
Peak	 <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	 <p>Site : 03CH16-HY Condition : AVG_54 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>

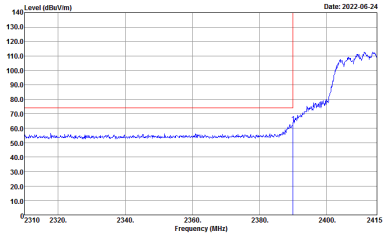
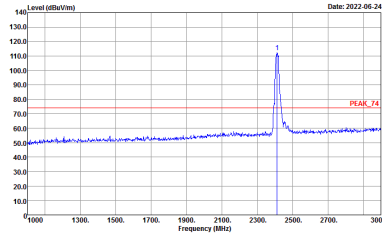
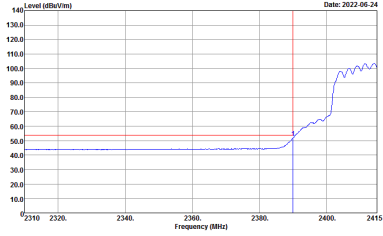
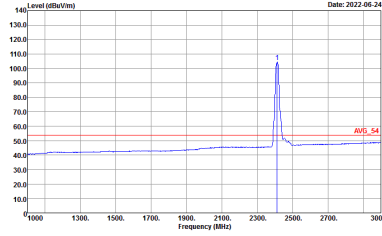


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH11 2462MHz	
6+7	Vertical	Fundamental
Peak	 <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_220310 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_220310 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_220310 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	 <p>Site : 03CH16-HY Condition : AVG_54 3m 91200_1522_220310 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>

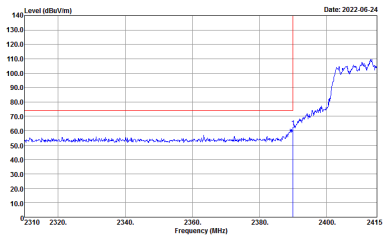
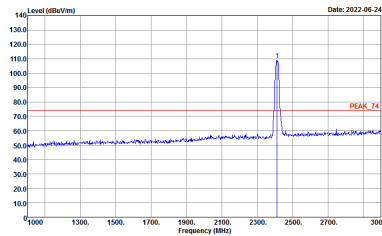
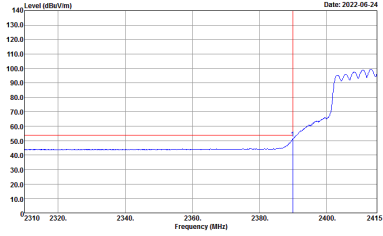
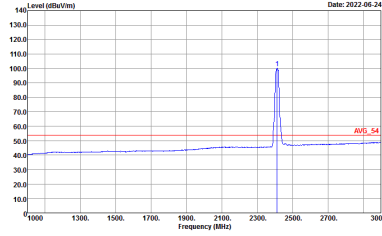


2.4GHz 2400~2483.5MHz

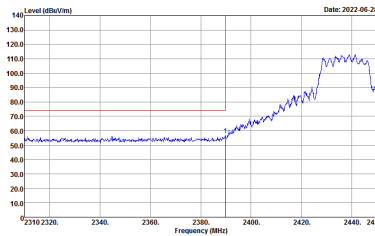
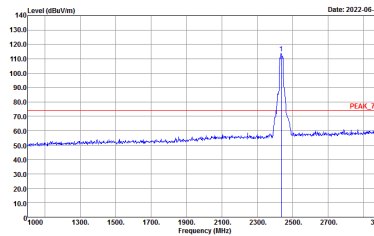
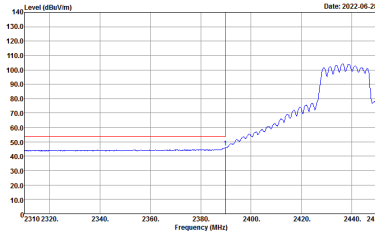
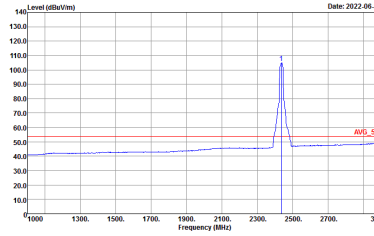
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH01 2412MHz	
6+7	Horizontal	Fundamental
Peak.	 <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto</p>	 <p>Site : 03CH16-HY Condition : AVG_54 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto</p>

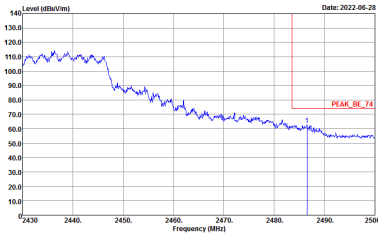
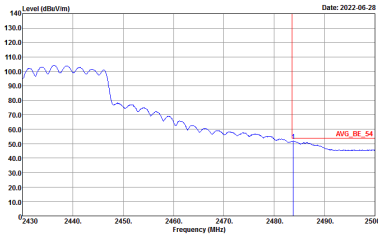


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH01 2412MHz	
6+7	Vertical	Fundamental
Peak.	 <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_220310 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_220310 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH16-HY Condition : AV6_BE_54 3m 91200_1522_220310 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto</p>	 <p>Site : 03CH16-HY Condition : AV6_54 3m 91200_1522_220310 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto</p>

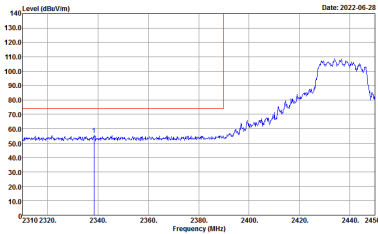
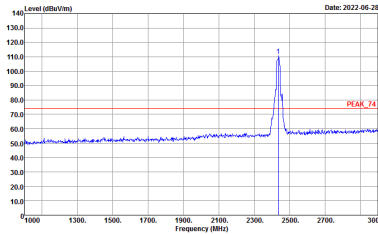
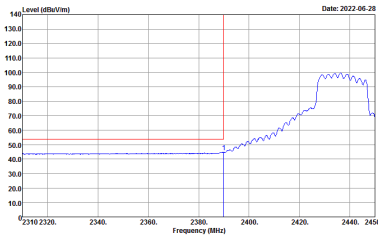
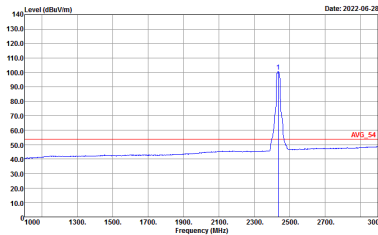


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH06 2437MHz - L	
6+7	Horizontal	Fundamental
Peak.	 <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_220310 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_220310 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_220310 HORIZONTAL Detector : Peak Project : IN2541</p>	 <p>Site : 03CH16-HY Condition : AVG_54 3m 91200_1522_220310 HORIZONTAL Detector : Peak Project : IN2541</p>

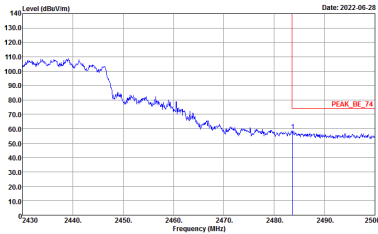
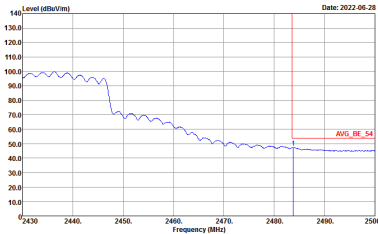


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH06 2437MHz - R	
6+7	Horizontal	Fundamental
<p>Peak.</p>	 <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Left blank</p>
<p>Avg.</p>	 <p>Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto</p>	<p>Left blank</p>

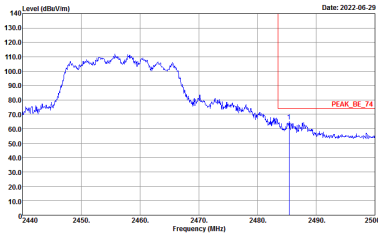
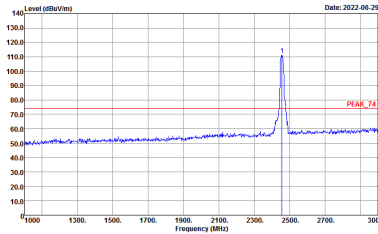
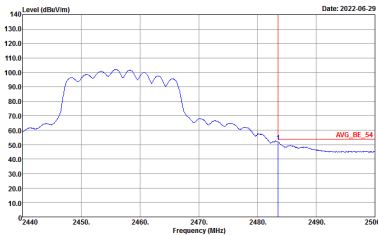
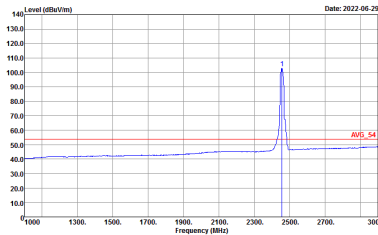


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH06 2437MHz - L	
6+7	Vertical	Fundamental
Peak.	 <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_220310 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_220310 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH16-HY Condition : AV6_BE_54 3m 91200_1522_220310 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto</p>	 <p>Site : 03CH16-HY Condition : AV6_54 3m 91200_1522_220310 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto</p>

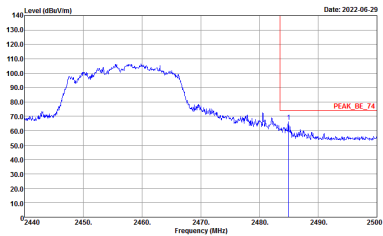
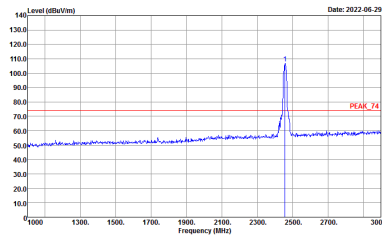
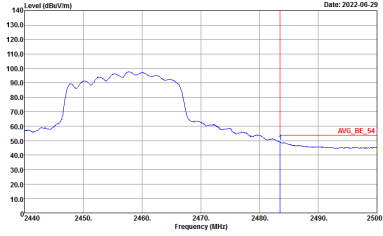
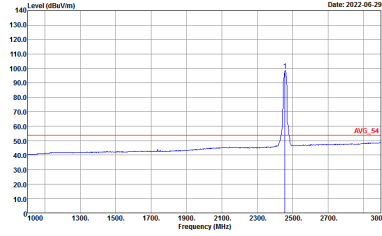


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH06 2437MHz - R	
6+7	Vertical	Fundamental
<p>Peak.</p>	 <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_220310 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Left blank</p>
<p>Avg.</p>	 <p>Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_220310 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto</p>	<p>Left blank</p>

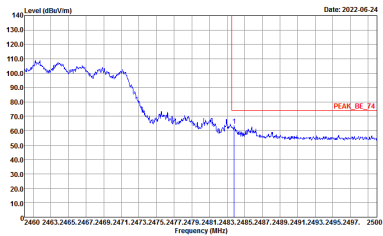
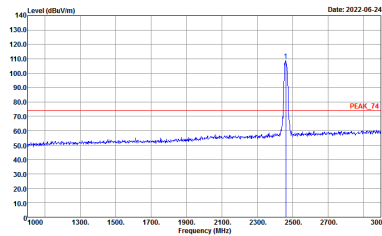
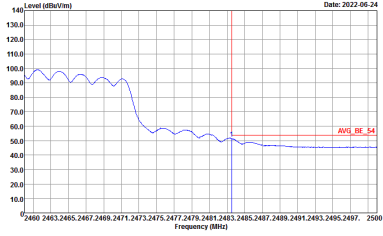
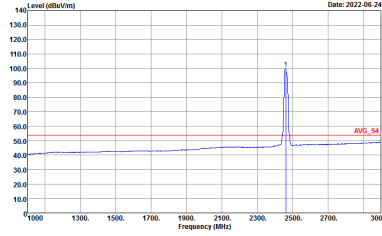


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH10 2457MHz	
6+7	Horizontal	Fundamental
Peak.	 <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH16-HY Condition : AV6_BE_54 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto</p>	 <p>Site : 03CH16-HY Condition : AV6_54 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto</p>

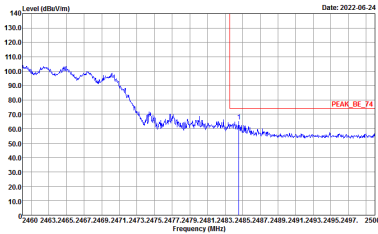
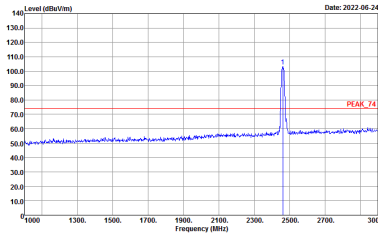
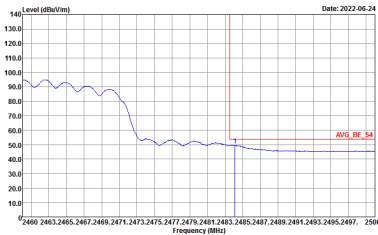
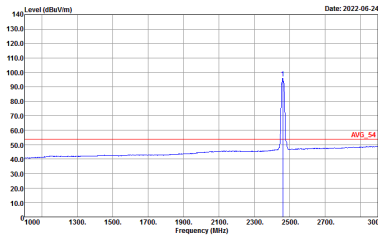


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH10 2457MHz	
6+7	Vertical	Fundamental
Peak.	 <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_220310 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_220310 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH16-HY Condition : AV6_BE_54 3m 91200_1522_220310 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto</p>	 <p>Site : 03CH16-HY Condition : AV6_54 3m 91200_1522_220310 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto</p>



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH11 2462MHz	
6+7	Horizontal	Fundamental
Peak.	 <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH16-HY Condition : AV6_BE_54 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto</p>	 <p>Site : 03CH16-HY Condition : AV6_54 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto</p>



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH11 2462MHz	
6+7	Vertical	Fundamental
Peak.	 <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_220310 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_220310 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH16-HY Condition : AV6_BE_54 3m 91200_1522_220310 VERTICAL RBW:1000.000KHz VBW:0.300KHz SWT:Auto</p>	 <p>Site : 03CH16-HY Condition : AV6_54 3m 91200_1522_220310 VERTICAL RBW:1000.000KHz VBW:0.300KHz SWT:Auto</p>

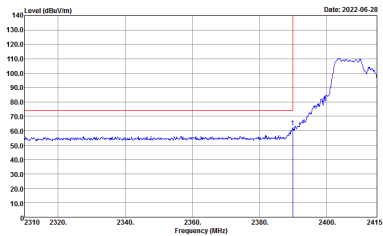
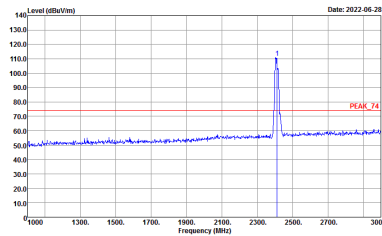
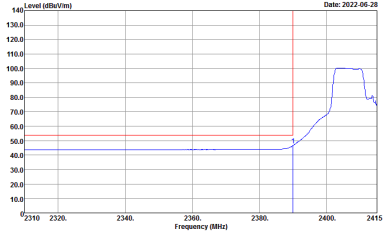
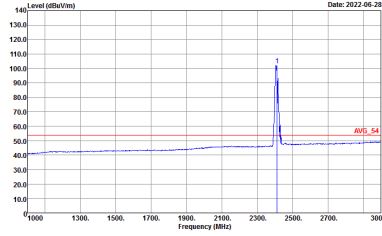


2.4GHz 2400~2483.5MHz

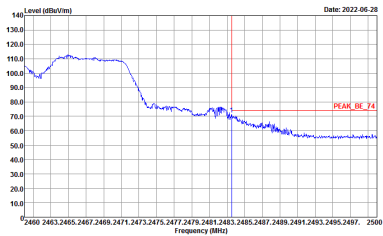
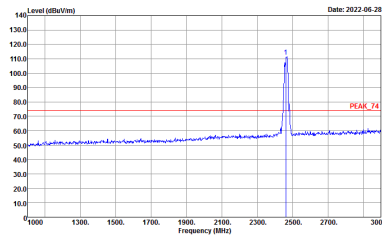
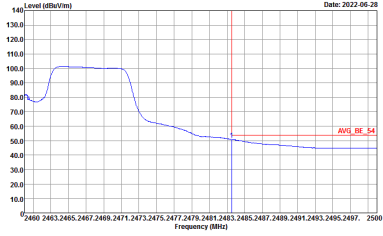
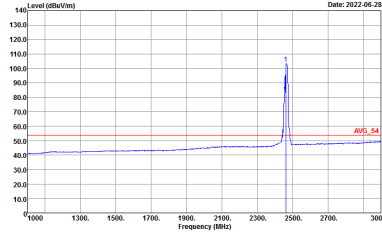
WIFI 802.11ax HE20 Partial 106 (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/53 CH01 2412MHz	
6+7	Horizontal	Fundamental
Peak	<p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	<p>Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	<p>Site : 03CH16-HY Condition : AVG_54 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>

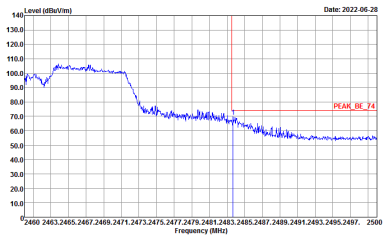
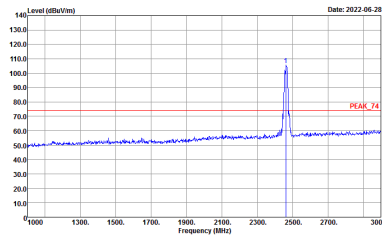
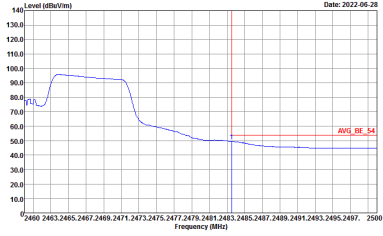
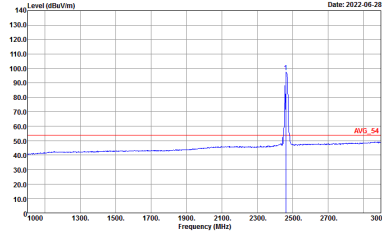


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/53 CH01 2412MHz	
6+7	Vertical	Fundamental
Peak	 <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_220310 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_220310 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH16-HY Condition : AV6_BE_54 3m 91200_1522_220310 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	 <p>Site : 03CH16-HY Condition : AV6_54 3m 91200_1522_220310 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/54 CH11 2462MHz	
6+7	Horizontal	Fundamental
Peak	 <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_220310 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_220310 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH16-HY Condition : AV6_BE_54 3m 91200_1522_220310 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	 <p>Site : 03CH16-HY Condition : AV6_54 3m 91200_1522_220310 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/54 CH11 2462MHz	
6+7	Vertical	Fundamental
Peak	 <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_220310 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_220310 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH16-HY Condition : AV6_BE_54 3m 91200_1522_220310 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	 <p>Site : 03CH16-HY Condition : AV6_54 3m 91200_1522_220310 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>



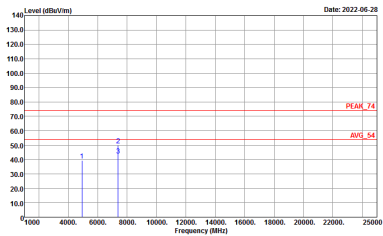
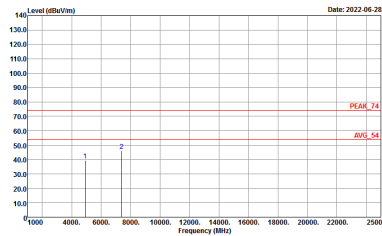
2.4GHz 2400~2483.5MHz
WIFI 802.11b (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH01 2412MHz	
6+7	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_220310 HORIZONTAL Detector : Peak</p>	<p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_220310 VERTICAL Detector : Peak</p>



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH06 2437MHz	
6+7	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH16-HY Condition : PEAK_T4 3m 9120D_1522_220310 HORIZONTAL Detector : Peak</p>	<p>Site : 03CH16-HY Condition : PEAK_T4 3m 9120D_1522_220310 VERTICAL Detector : Peak</p>



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH11 2462MHz	
6+7	Horizontal	Vertical
<p>Peak</p> <p>Avg.</p>	 <p>Site : 03CH16-HY Condition : PEAK_T4 3m 9120D_1522_220310 HORIZONTAL Detector : Peak</p>	 <p>Site : 03CH16-HY Condition : PEAK_T4 3m 9120D_1522_220310 VERTICAL Detector : Peak</p>



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

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH01 2412MHz	
6+7	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_220310 HORIZONTAL Detector : Peak</p>	<p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_220310 VERTICAL Detector : Peak</p>



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH06 2437MHz	
6+7	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH16-HY Condition : PEAK_T4 3m 9120D_1522_220310 HORIZONTAL Detector : Peak</p>	<p>Site : 03CH16-HY Condition : PEAK_T4 3m 9120D_1522_220310 VERTICAL Detector : Peak</p>



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH11 2462MHz	
6+7	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH16-HY Condition : PEAK_T4 3m 9120D_1522_220310 HORIZONTAL Detector : Peak</p>	<p>Site : 03CH16-HY Condition : PEAK_T4 3m 9120D_1522_220310 VERTICAL Detector : Peak</p>



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	
6+7	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_220310 HORIZONTAL Detector : Peak</p>	<p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_220310 VERTICAL Detector : Peak</p>



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE20 Full CH06 2437MHz	
6+7	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH16-HY Condition : PEAK_T4 3m 9120D_1522_220310 HORIZONTAL Detector : Peak</p>	<p>Site : 03CH16-HY Condition : PEAK_T4 3m 9120D_1522_220310 VERTICAL Detector : Peak</p>



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE20 Full CH11 2462MHz	
6+7	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH16-HY Condition : PEAK_T4 3m 9120D_1522_220310 HORIZONTAL Detector : Peak</p>	<p>Site : 03CH16-HY Condition : PEAK_T4 3m 9120D_1522_220310 VERTICAL Detector : Peak</p>



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

WIFI	2.4GHz 2400~2483.5MHz	
ANT	802.11g LF	
6+7	Horizontal	Vertical
QP / Peak	<p>Site : 03CH16-HY Condition : QP 3m BIL06_47020_211009 HORIZONTAL Detector : Peak</p>	<p>Site : 03CH16-HY Condition : QP 3m BIL06_47020_211009 VERTICAL Detector : Peak</p>



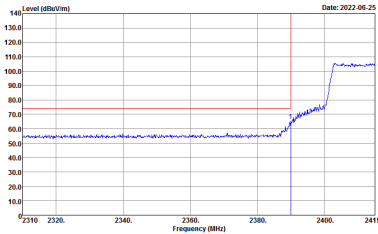
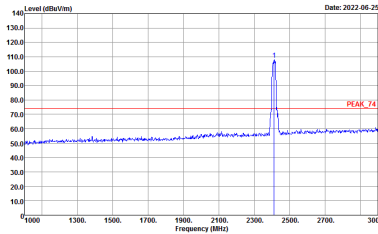
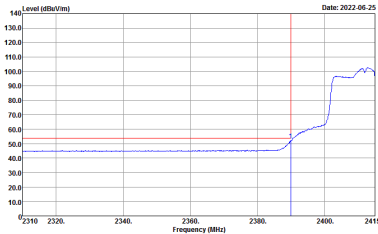
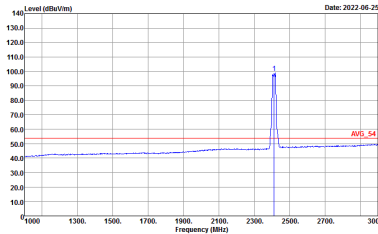
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2.4GHz 2400~2483.5MHz

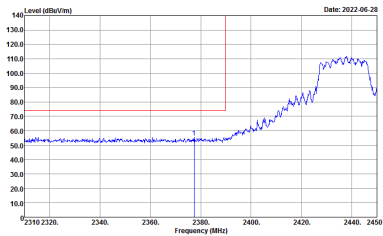
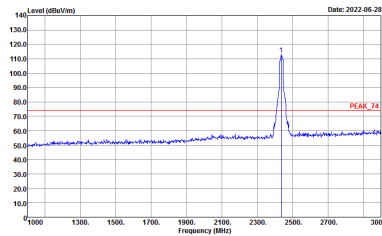
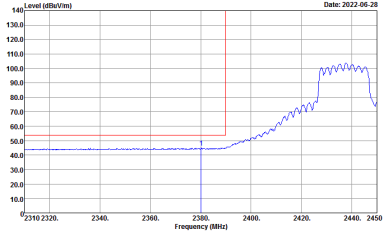
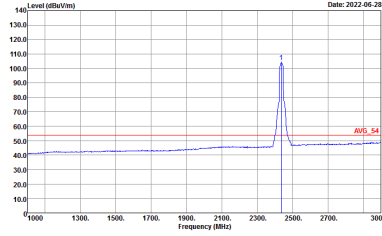
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH01 2412MHz	
6+7	Horizontal	Fundamental
Peak.	<p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	<p>Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	<p>Site : 03CH16-HY Condition : AVG_54 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>

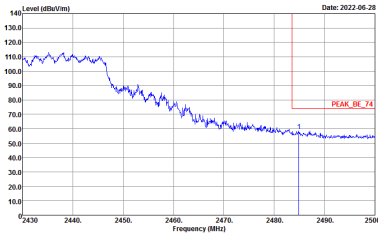
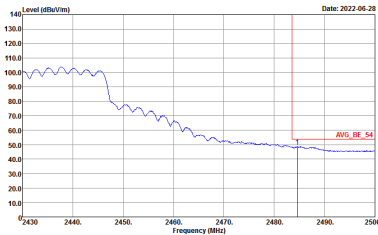


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH01 2412MHz	
6+7	Vertical	Fundamental
Peak.	 <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_220310 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_220310 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH16-HY Condition : AV6_BE_54 3m 91200_1522_220310 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	 <p>Site : 03CH16-HY Condition : AV6_54 3m 91200_1522_220310 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>

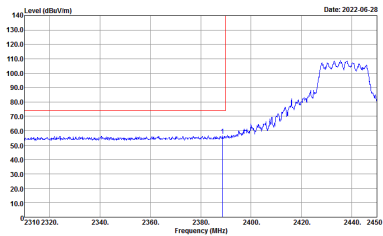
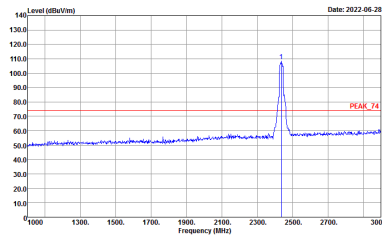
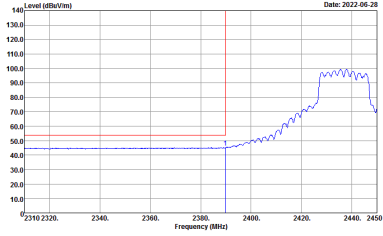
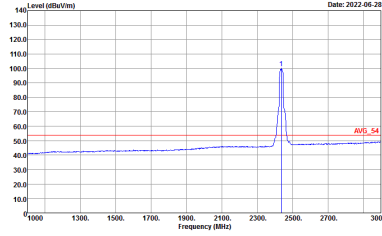


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH06 2437MHz - L	
6+7	Horizontal	Fundamental
Peak.	 <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH16-HY Condition : AV6_BE_54 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	 <p>Site : 03CH16-HY Condition : AV6_54 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>

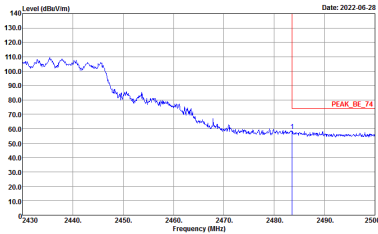
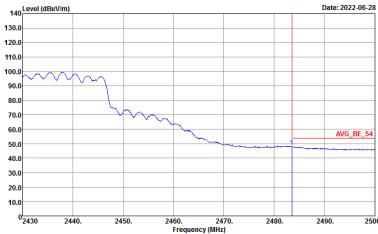


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH06 2437MHz - R	
6+7	Horizontal	Fundamental
Peak.	 <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank
Avg.	 <p>Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank

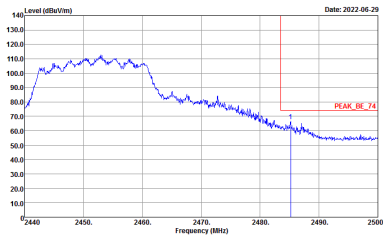
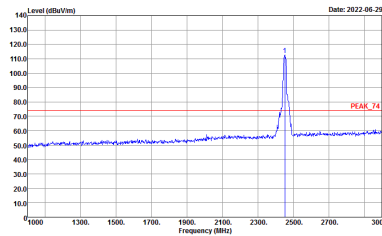
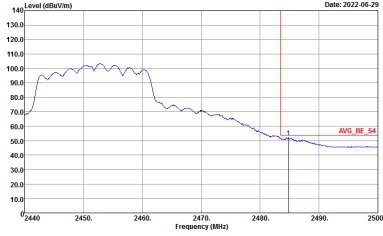
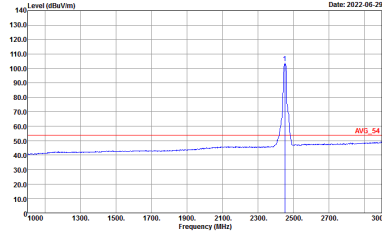


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH06 2437MHz - L	
6+7	Vertical	Fundamental
Peak.	 <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_220310 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_220310 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH16-HY Condition : AV6_BE_54 3m 91200_1522_220310 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	 <p>Site : 03CH16-HY Condition : AV6_54 3m 91200_1522_220310 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>

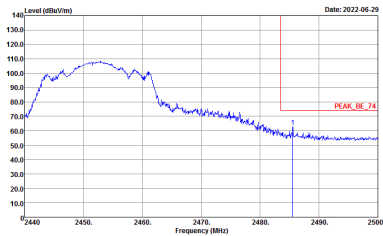
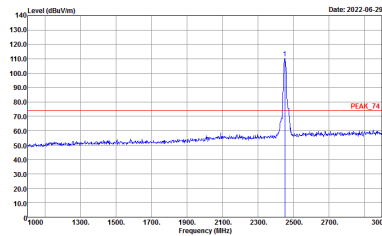
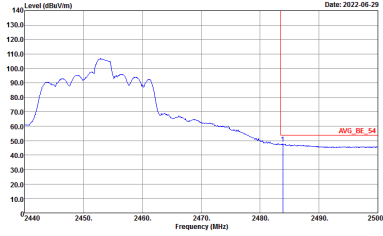
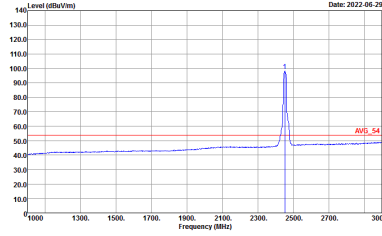


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH06 2437MHz - R	
6+7	Vertical	Fundamental
<p>Peak.</p>	 <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_220310 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Left blank</p>
<p>Avg.</p>	 <p>Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_220310 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	<p>Left blank</p>

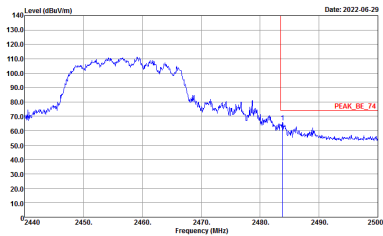
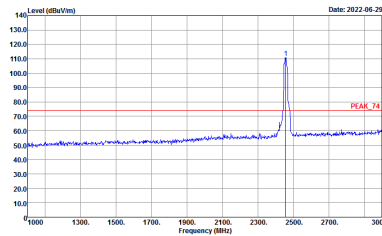
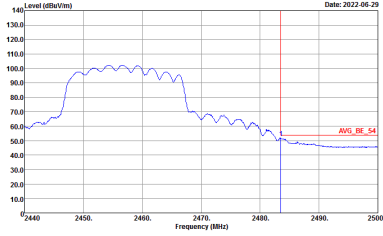
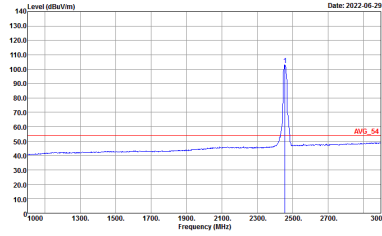


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH09 2452MHz	
6+7	Horizontal	Fundamental
Peak	 <p>Level (dBm/1m) vs Frequency (MHz) plot for Horizontal Peak. The plot shows a signal level starting at approximately 100 dBm/1m at 2440 MHz and decreasing to about 50 dBm/1m at 2483.5 MHz. A red vertical line marks the peak at 2483.5 MHz, labeled 'PEAK_BE_74'. The date is 2022-06-29.</p> <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Level (dBm/1m) vs Frequency (MHz) plot for Fundamental Peak. The plot shows a sharp peak at 2452 MHz with a level of approximately 110 dBm/1m. A red vertical line marks the peak, labeled 'PEAK_74'. The date is 2022-06-29.</p> <p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Level (dBm/1m) vs Frequency (MHz) plot for Horizontal Average. The plot shows a signal level starting at approximately 100 dBm/1m at 2440 MHz and decreasing to about 50 dBm/1m at 2483.5 MHz. A red vertical line marks the average at 2483.5 MHz, labeled 'AVG_BE_54'. The date is 2022-06-29.</p> <p>Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	 <p>Level (dBm/1m) vs Frequency (MHz) plot for Fundamental Average. The plot shows a sharp peak at 2452 MHz with a level of approximately 110 dBm/1m. A red vertical line marks the average, labeled 'AVG_54'. The date is 2022-06-29.</p> <p>Site : 03CH16-HY Condition : AVG_54 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>

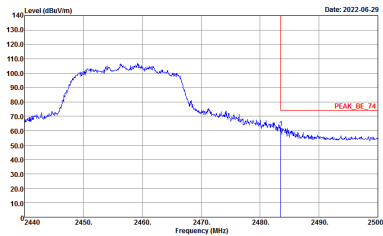
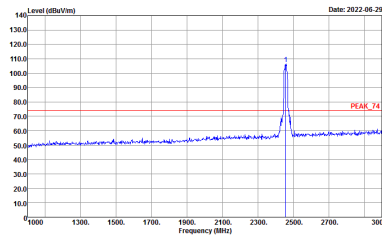
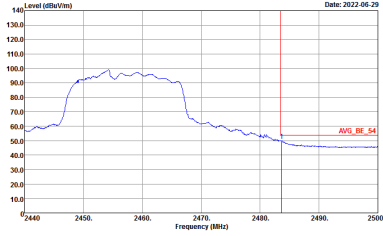
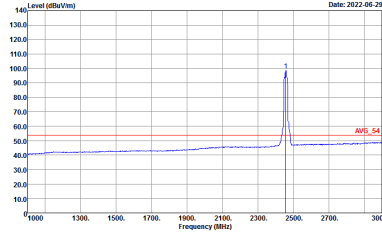


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH09 2452MHz	
6+7	Vertical	Fundamental
Peak	 <p>Level (dBuV/m) vs Frequency (MHz) plot for Peak Vertical. The plot shows a signal level starting at approximately 80 dBuV/m at 2440 MHz, rising to a peak of about 110 dBuV/m around 2455 MHz, and then gradually decreasing to about 60 dBuV/m at 2480 MHz. A red vertical line marks the peak at 2452 MHz, labeled 'PEAK_BE_74'. The x-axis ranges from 2440 to 2500 MHz, and the y-axis ranges from 10.0 to 140.0 dBuV/m.</p> <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_220310 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Level (dBuV/m) vs Frequency (MHz) plot for Peak Fundamental. The plot shows a flat noise floor at approximately 50 dBuV/m from 1000 MHz to 2400 MHz. At 2452 MHz, there is a sharp peak reaching approximately 110 dBuV/m. A red vertical line marks this peak, labeled 'PEAK_74'. The x-axis ranges from 1000 to 3000 MHz, and the y-axis ranges from 10.0 to 140.0 dBuV/m.</p> <p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_220310 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Level (dBuV/m) vs Frequency (MHz) plot for Avg Vertical. The plot shows a signal level starting at approximately 80 dBuV/m at 2440 MHz, rising to a peak of about 100 dBuV/m around 2455 MHz, and then gradually decreasing to about 50 dBuV/m at 2480 MHz. A red vertical line marks the peak at 2452 MHz, labeled 'AVG_BE_54'. The x-axis ranges from 2440 to 2500 MHz, and the y-axis ranges from 10.0 to 140.0 dBuV/m.</p> <p>Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_220310 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	 <p>Level (dBuV/m) vs Frequency (MHz) plot for Avg Fundamental. The plot shows a flat noise floor at approximately 50 dBuV/m from 1000 MHz to 2400 MHz. At 2452 MHz, there is a sharp peak reaching approximately 100 dBuV/m. A red vertical line marks this peak, labeled 'AVG_54'. The x-axis ranges from 1000 to 3000 MHz, and the y-axis ranges from 10.0 to 140.0 dBuV/m.</p> <p>Site : 03CH16-HY Condition : AVG_54 3m 91200_1522_220310 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>

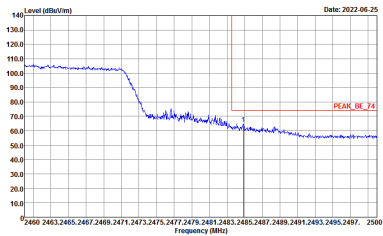
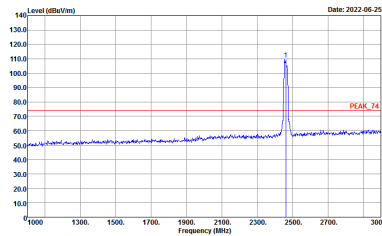
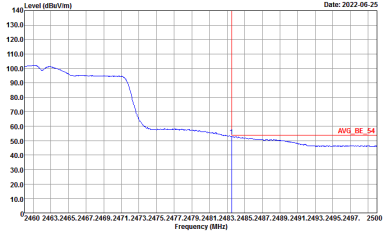
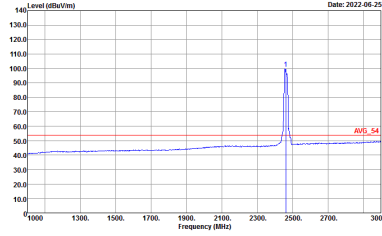


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH10 2457MHz	
6+7	Horizontal	Fundamental
Peak	 <p>Level (dBm/100MHz) vs Frequency (MHz) plot for Horizontal Peak. The plot shows a signal level between 2440 and 2500 MHz. A red vertical line marks the peak at approximately 2483.5 MHz, labeled 'PEAK_BE_74'. The level at this peak is approximately 130 dBm/100MHz.</p> <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Level (dBm/100MHz) vs Frequency (MHz) plot for Fundamental Peak. The plot shows a signal level between 1000 and 3000 MHz. A red vertical line marks the peak at approximately 2457 MHz, labeled 'PEAK_74'. The level at this peak is approximately 130 dBm/100MHz.</p> <p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Level (dBm/100MHz) vs Frequency (MHz) plot for Horizontal Average. The plot shows a signal level between 2440 and 2500 MHz. A red vertical line marks the average level at approximately 2483.5 MHz, labeled 'AVG_BE_54'. The level at this point is approximately 50 dBm/100MHz.</p> <p>Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	 <p>Level (dBm/100MHz) vs Frequency (MHz) plot for Fundamental Average. The plot shows a signal level between 1000 and 3000 MHz. A red vertical line marks the average level at approximately 2457 MHz, labeled 'AVG_54'. The level at this point is approximately 50 dBm/100MHz.</p> <p>Site : 03CH16-HY Condition : AVG_54 3m 91200_1522_220310 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>

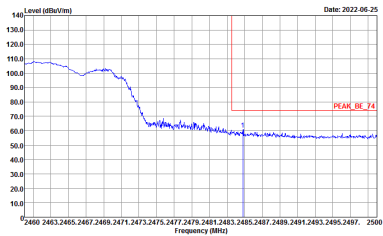
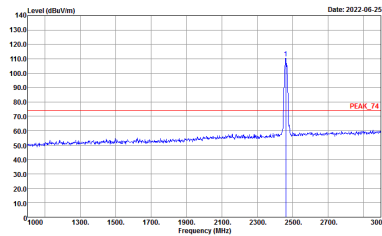
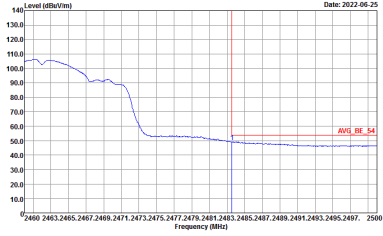
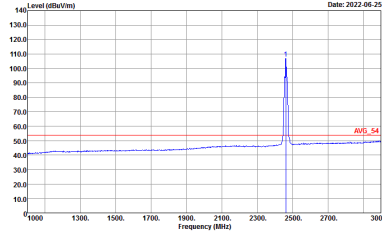


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH10 2457MHz	
6+7	Vertical	Fundamental
Peak	 <p>Level (dBuV/m) vs Frequency (MHz) plot for Vertical Peak. The plot shows a signal level between 2440 and 2500 MHz. A red vertical line marks the peak at approximately 2483.5 MHz, labeled 'PEAK_BE_74'. The level at this peak is approximately 130 dBuV/m.</p> <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_220310 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Level (dBuV/m) vs Frequency (MHz) plot for Fundamental Peak. The plot shows a signal level between 1000 and 3000 MHz. A red vertical line marks the peak at approximately 2457 MHz, labeled 'PEAK_74'. The level at this peak is approximately 110 dBuV/m.</p> <p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_220310 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
	 <p>Level (dBuV/m) vs Frequency (MHz) plot for Vertical Average. The plot shows a signal level between 2440 and 2500 MHz. A red vertical line marks the average level at approximately 2483.5 MHz, labeled 'AVG_BE_54'. The level at this point is approximately 55 dBuV/m.</p> <p>Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_220310 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	 <p>Level (dBuV/m) vs Frequency (MHz) plot for Fundamental Average. The plot shows a signal level between 1000 and 3000 MHz. A red vertical line marks the average level at approximately 2457 MHz, labeled 'AVG_54'. The level at this point is approximately 55 dBuV/m.</p> <p>Site : 03CH16-HY Condition : AVG_54 3m 91200_1522_220310 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>
Avg.		



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH11 2462MHz	
6+7	Horizontal	Fundamental
Peak.	 <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_220310 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_220310 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH16-HY Condition : AV6_BE_54 3m 91200_1522_220310 HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	 <p>Site : 03CH16-HY Condition : AV6_54 3m 91200_1522_220310 HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH11 2462MHz	
6+7	Vertical	Fundamental
Peak.	 <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_220310 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_220310 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_220310 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	 <p>Site : 03CH16-HY Condition : AVG_54 3m 91200_1522_220310 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>



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	
6+7	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_220310 HORIZONTAL Detector : Peak</p>	<p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_220310 VERTICAL Detector : Peak</p>



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE20 Full CH06 2437MHz	
6+7	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH16-HY Condition : PEAK_T4 3m 9120D_1522_220310 HORIZONTAL Detector : Peak</p>	<p>Site : 03CH16-HY Condition : PEAK_T4 3m 9120D_1522_220310 VERTICAL Detector : Peak</p>



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE20 Full CH11 2462MHz	
6+7	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH16-HY Condition : PEAK_T4 3m 9120D_1522_220310 HORIZONTAL Detector : Peak</p>	<p>Site : 03CH16-HY Condition : PEAK_T4 3m 9120D_1522_220310 VERTICAL Detector : Peak</p>

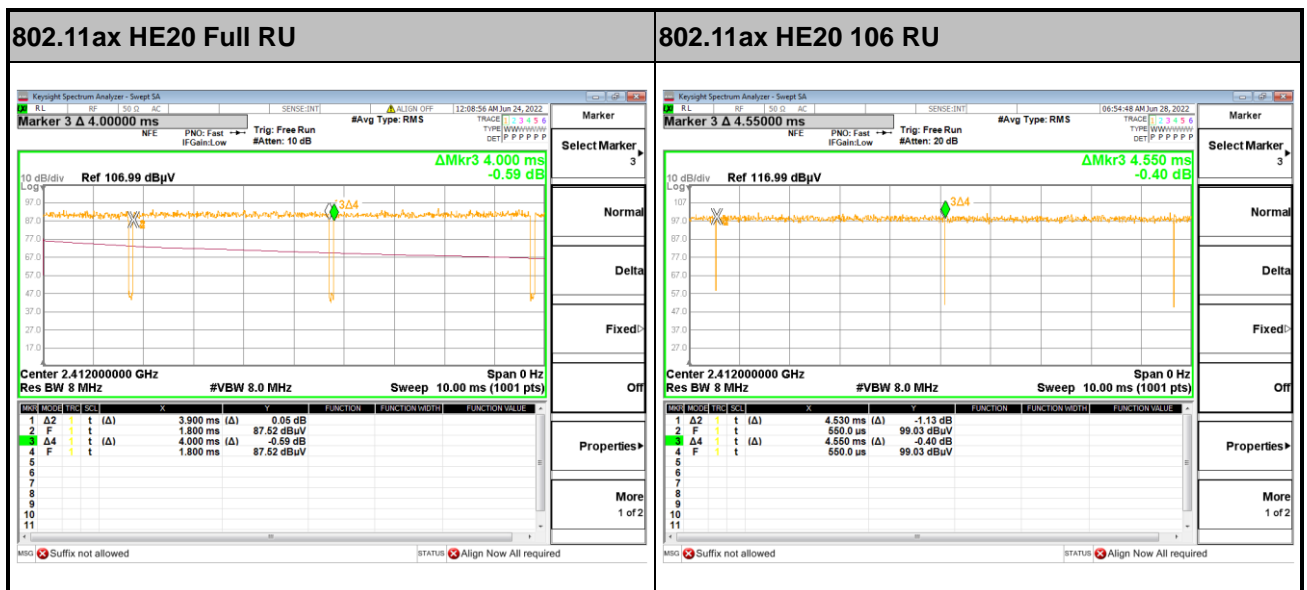
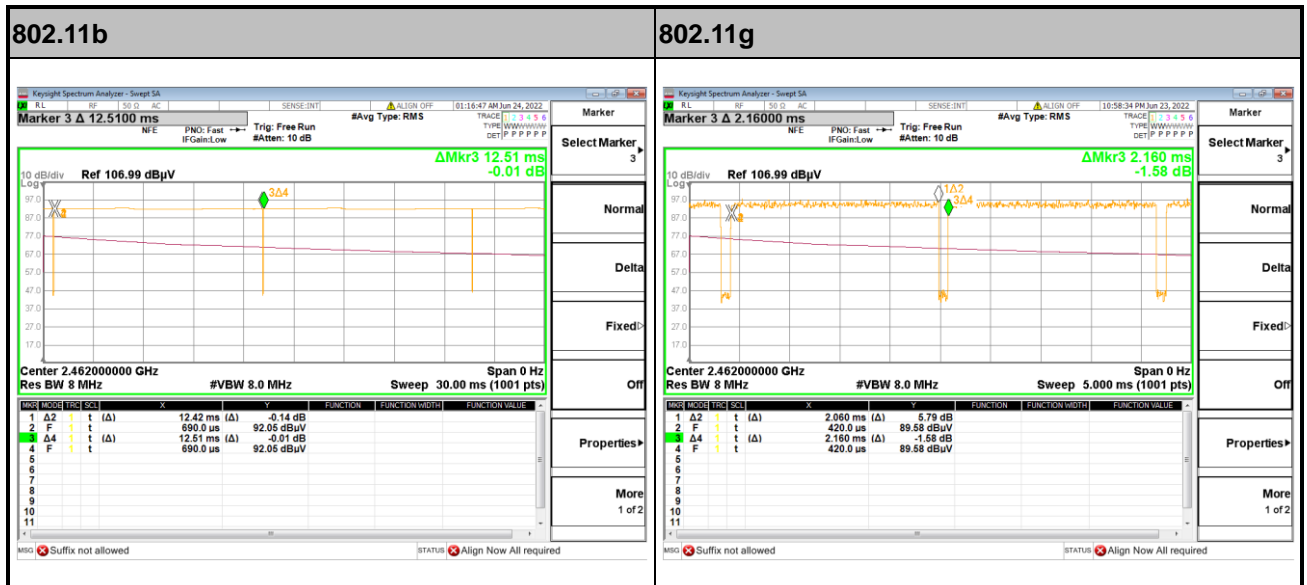


Appendix D. Duty Cycle Plots

<CDD Mode>

Antenna	Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting
6+7	802.11b	99.28	-	-	10Hz
6+7	802.11g	95.37	2060	0.49	1kHz
6+7	2.4GHz 802.11ax HE20 Full RU	97.50	3900	0.26	300Hz
6+7	2.4GHz 802.11ax HE20 106 RU	99.56	-	-	10Hz

MIMO <Ant. 6+7>





<TXBF Mode>

Antenna	Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting
6+7	2.4GHz 802.11ax HE20 Full RU	88.75	1065	0.94	1kHz

MIMO <Ant. 6+7>

802.11ax HE20 Full RU

