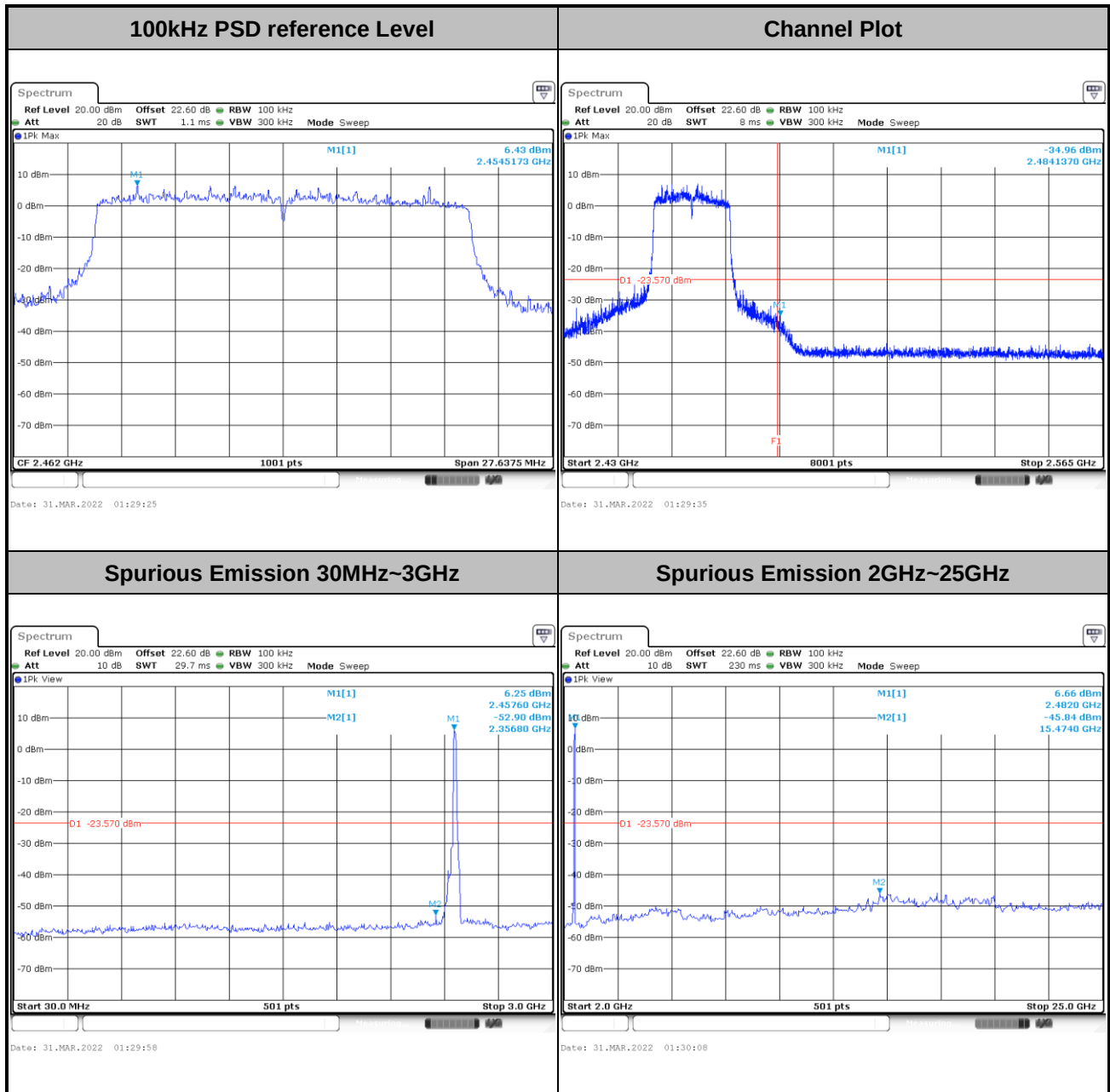


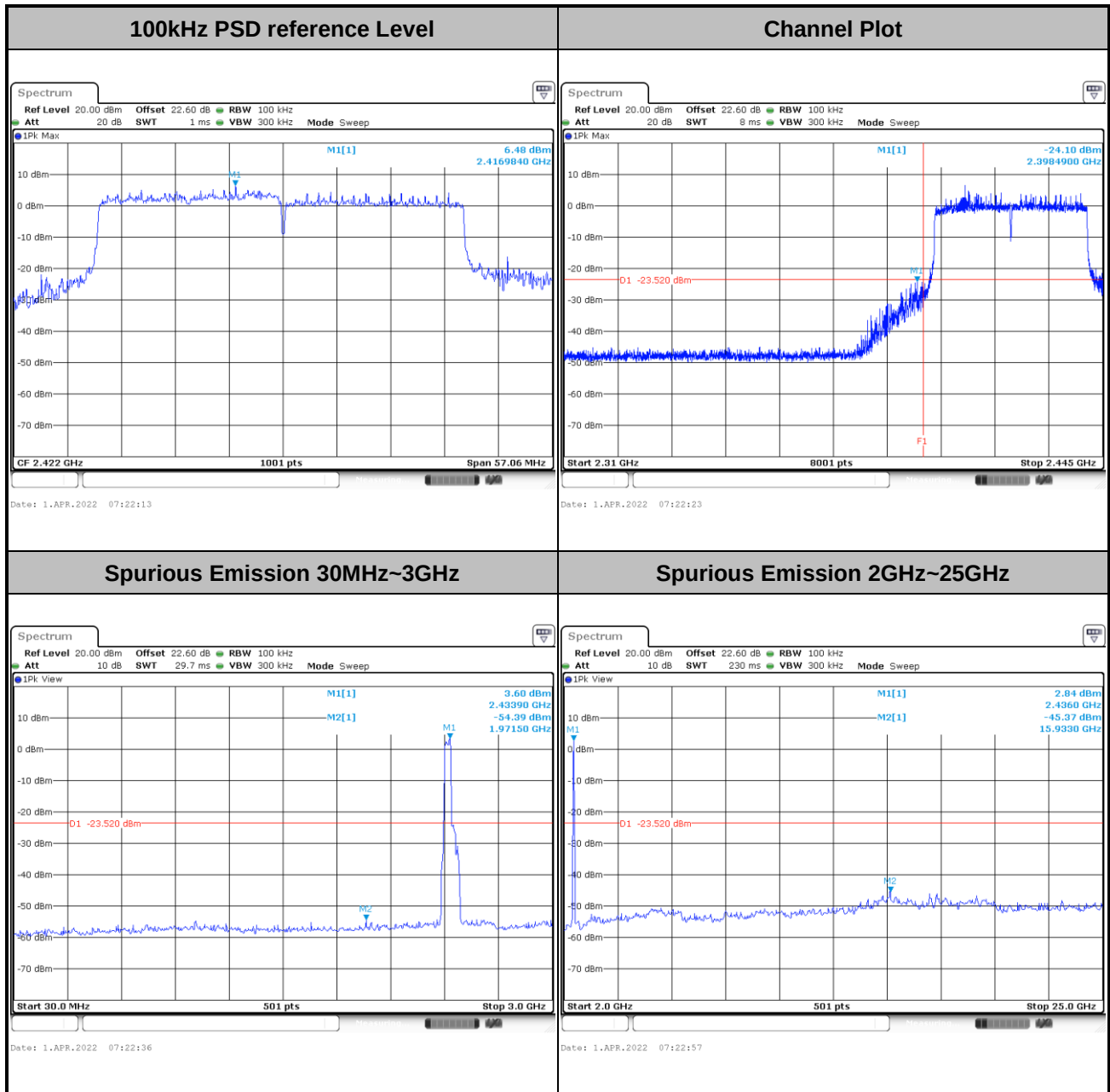


Test Mode :	802.11ax HE20	Test Channel :	11
-------------	---------------	----------------	----



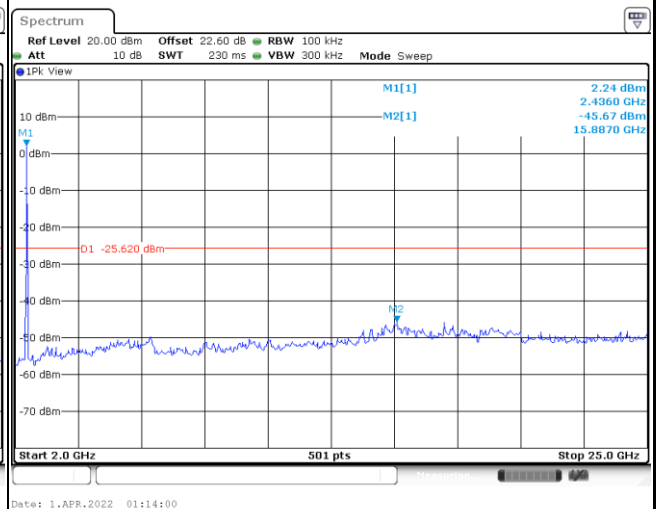
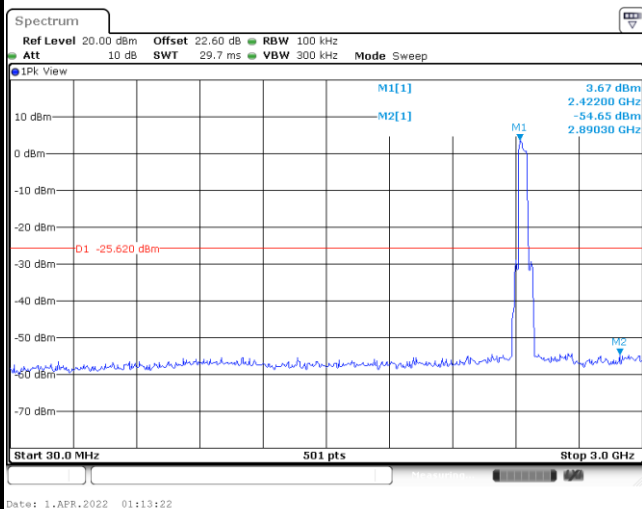


Test Mode :	802.11ax HE40	Test Channel :	03
-------------	---------------	----------------	----





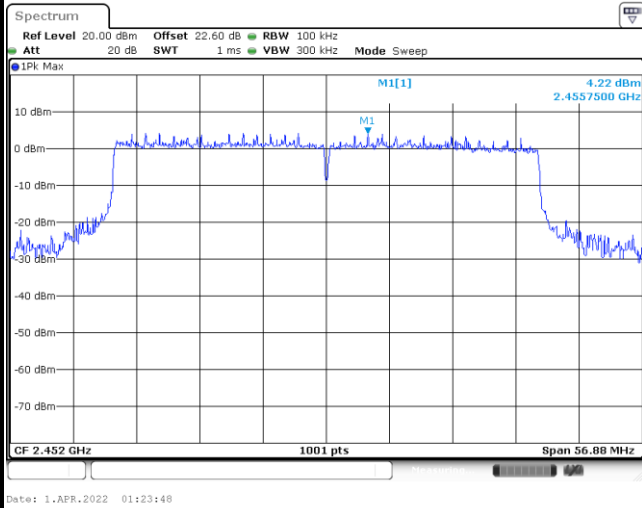
Channel Plot





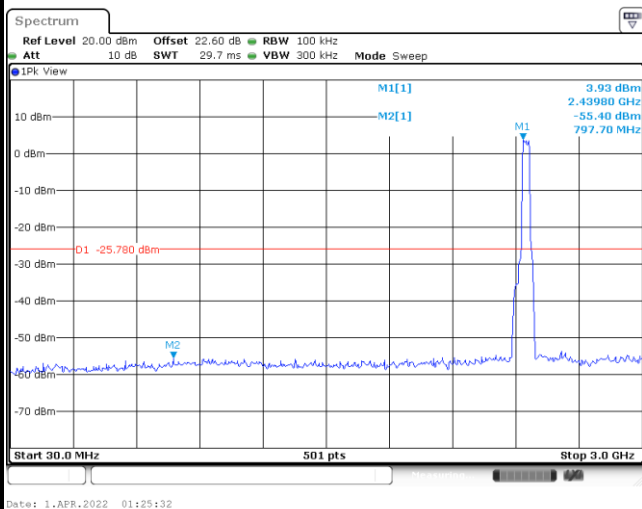
Test Mode :	802.11ax HE40	Test Channel :	09
-------------	---------------	----------------	----

100kHz PSD reference Level

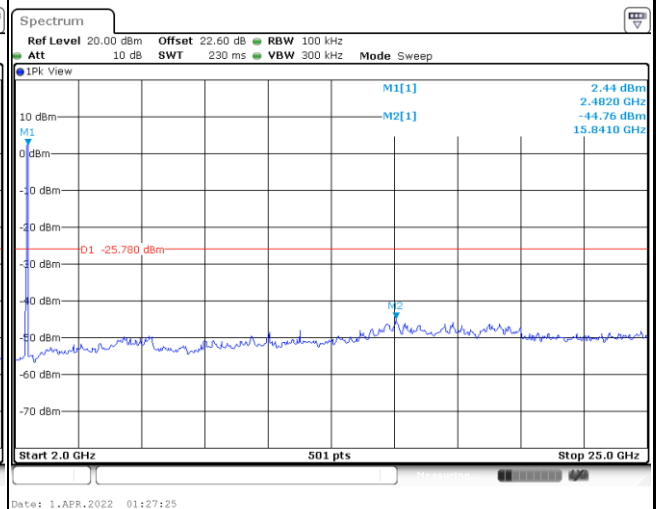


Channel Plot

Spurious Emission 30MHz~3GHz



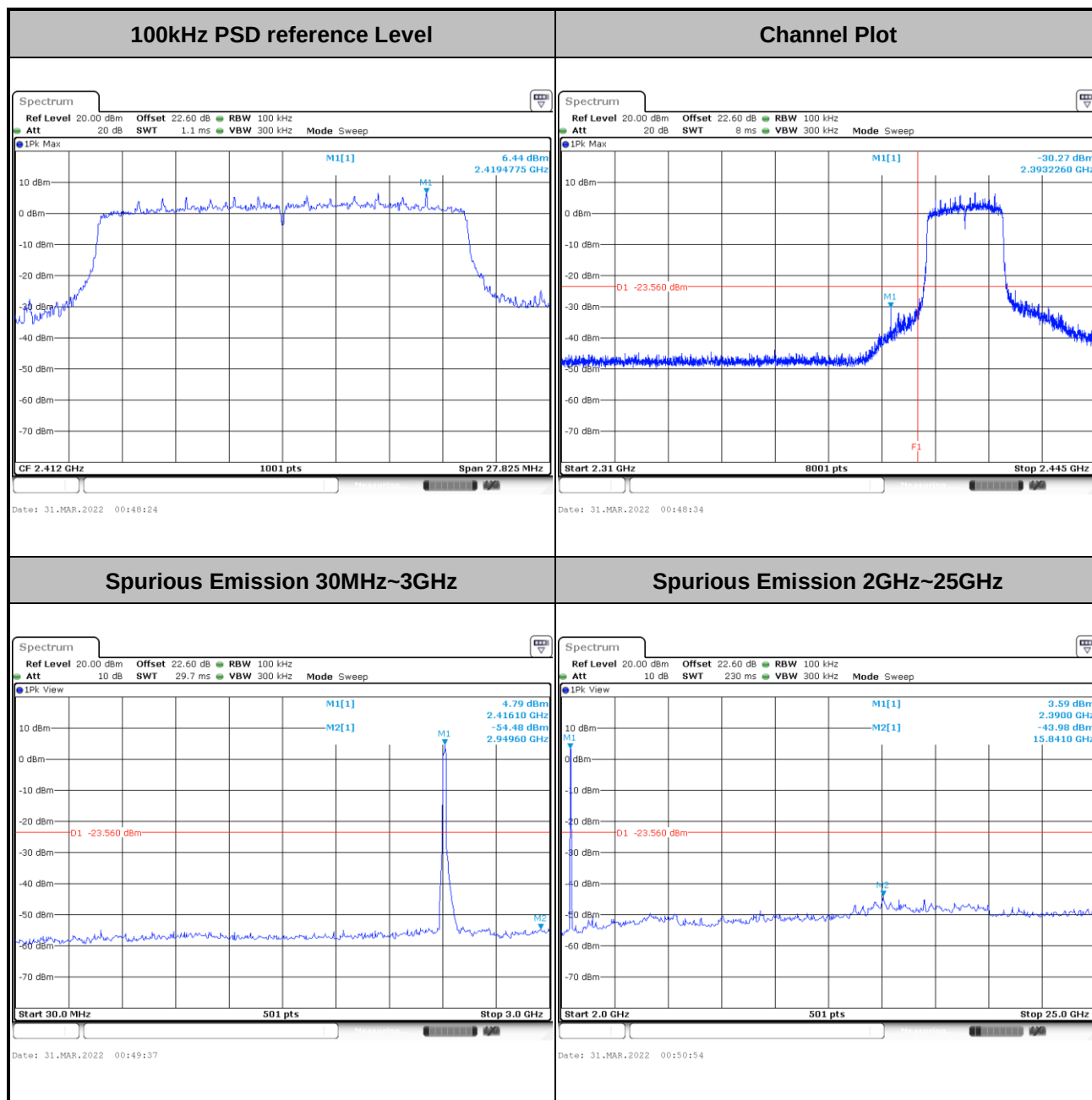
Spurious Emission 2GHz~25GHz

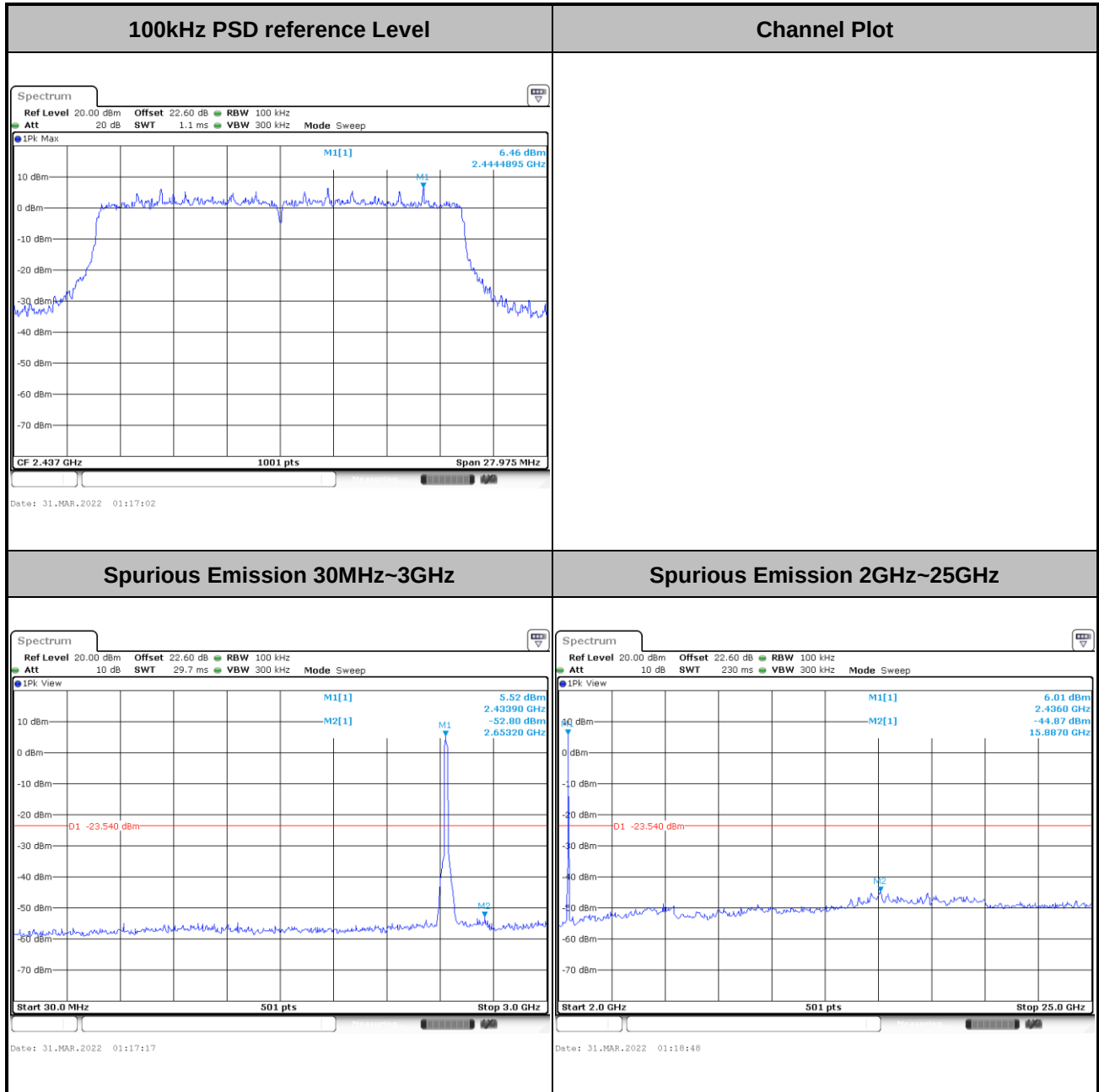




Number of TX = 2, Ant. 8 (Measured)

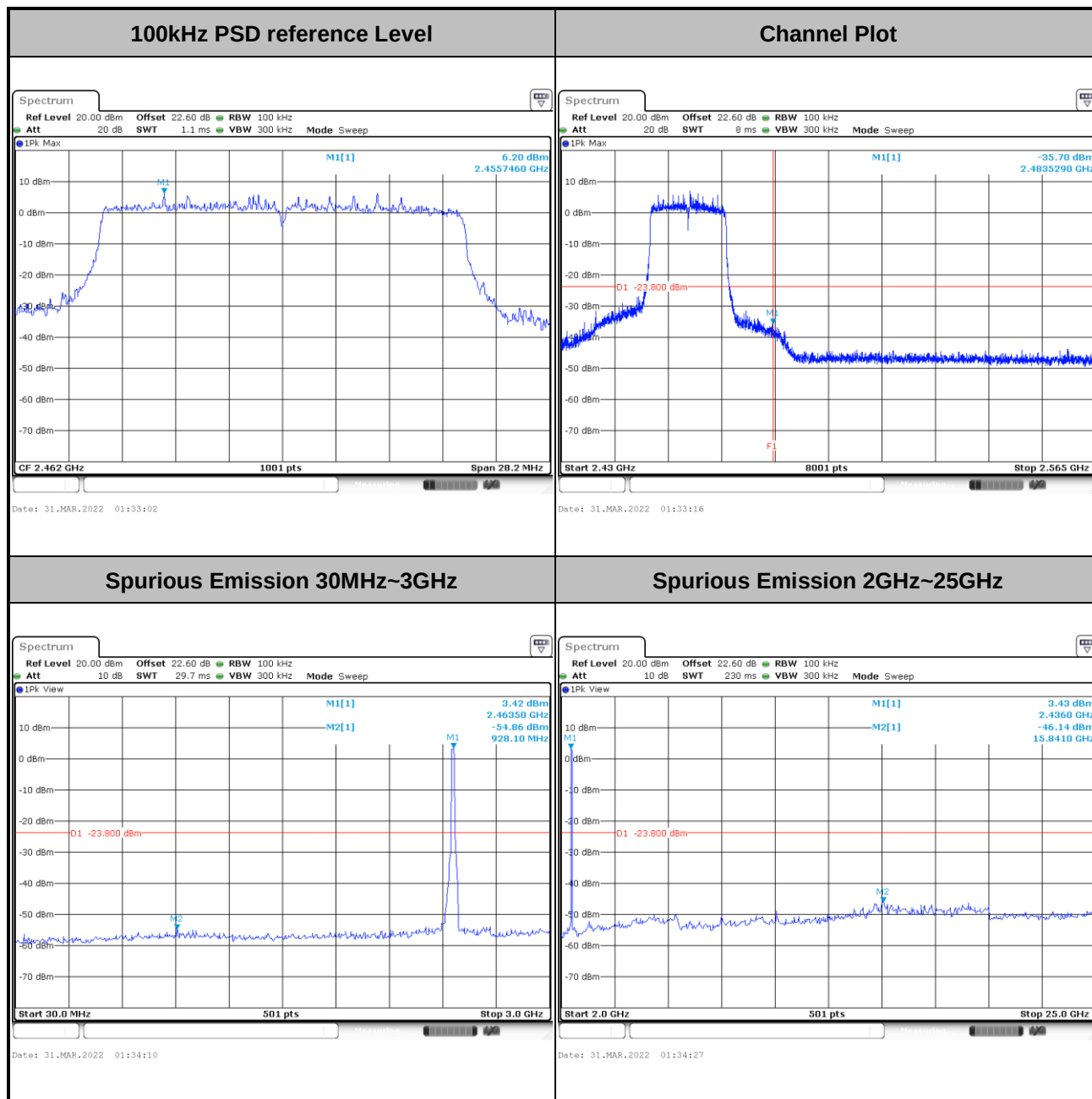
Test Mode :	802.11ax HE20	Test Channel :	01
-------------	---------------	----------------	----





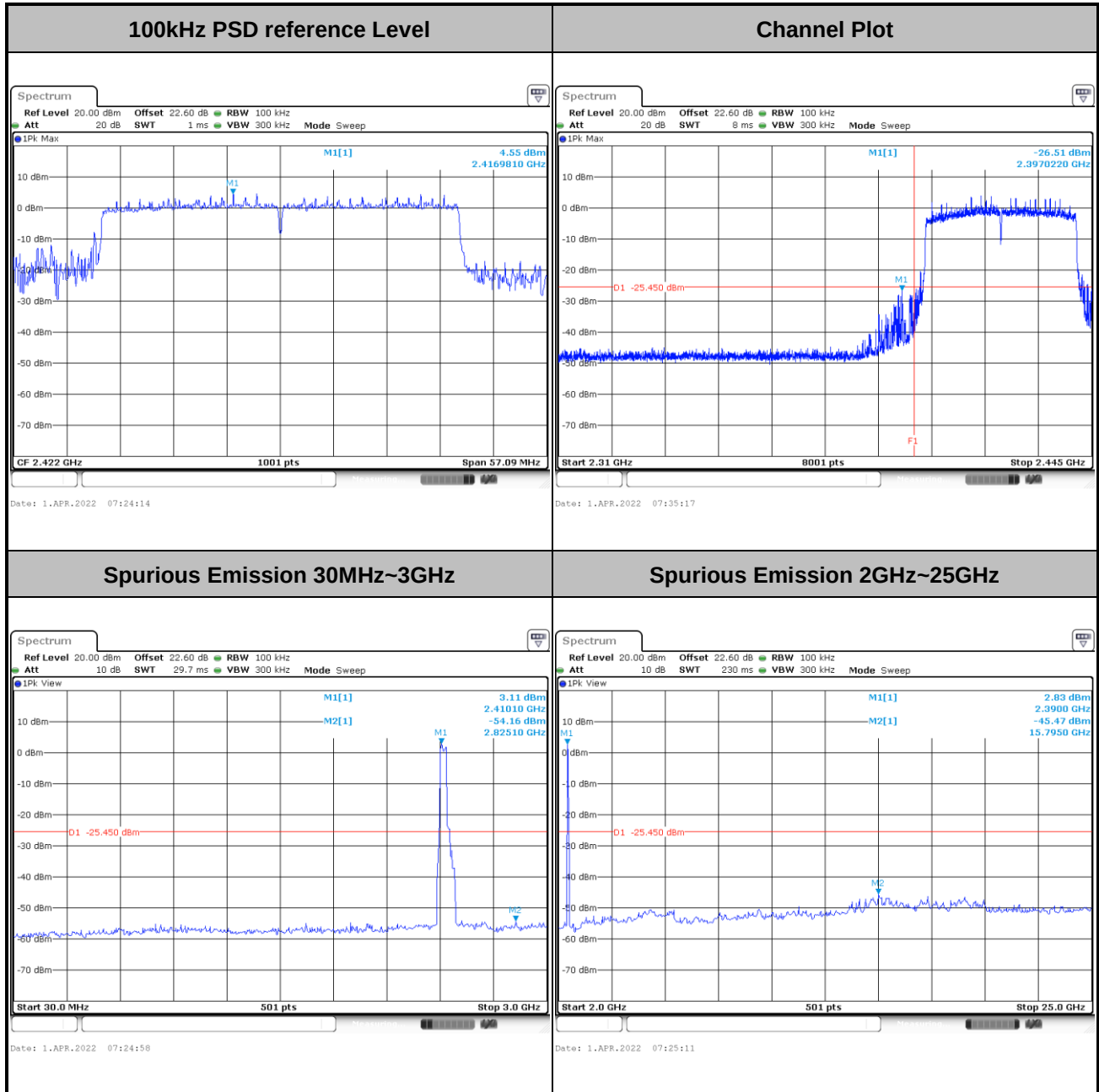


Test Mode :	802.11ax HE20	Test Channel :	11
-------------	---------------	----------------	----





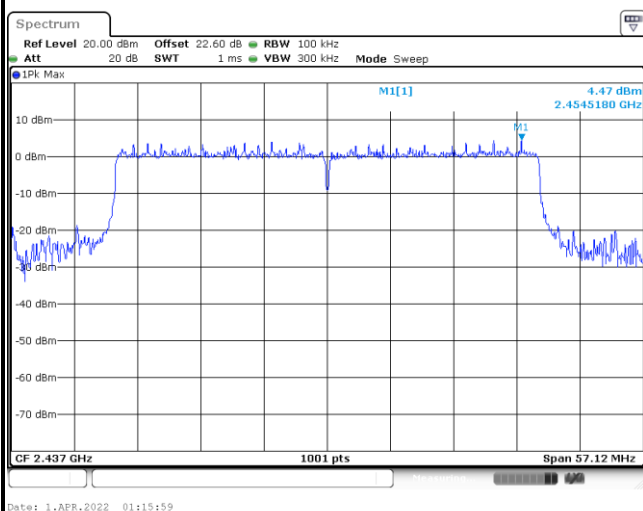
Test Mode :	802.11ax HE40	Test Channel :	03
-------------	---------------	----------------	----





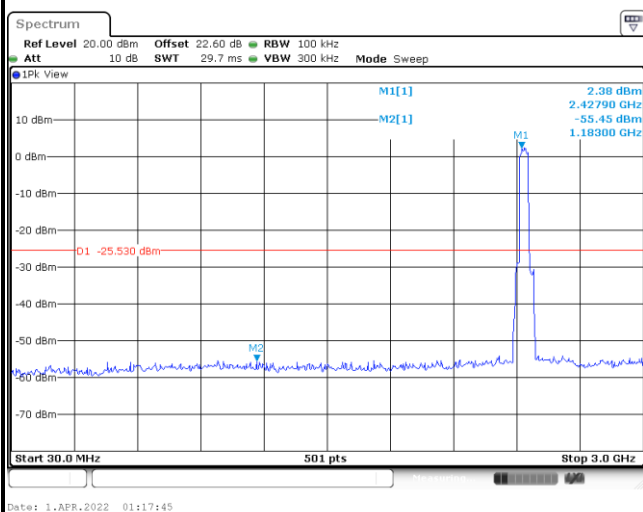
Test Mode :	802.11ax HE40	Test Channel :	06
-------------	---------------	----------------	----

100kHz PSD reference Level

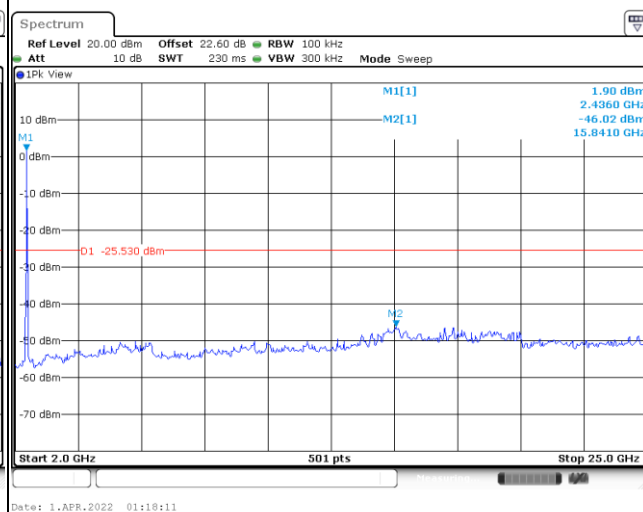


Channel Plot

Spurious Emission 30MHz~3GHz

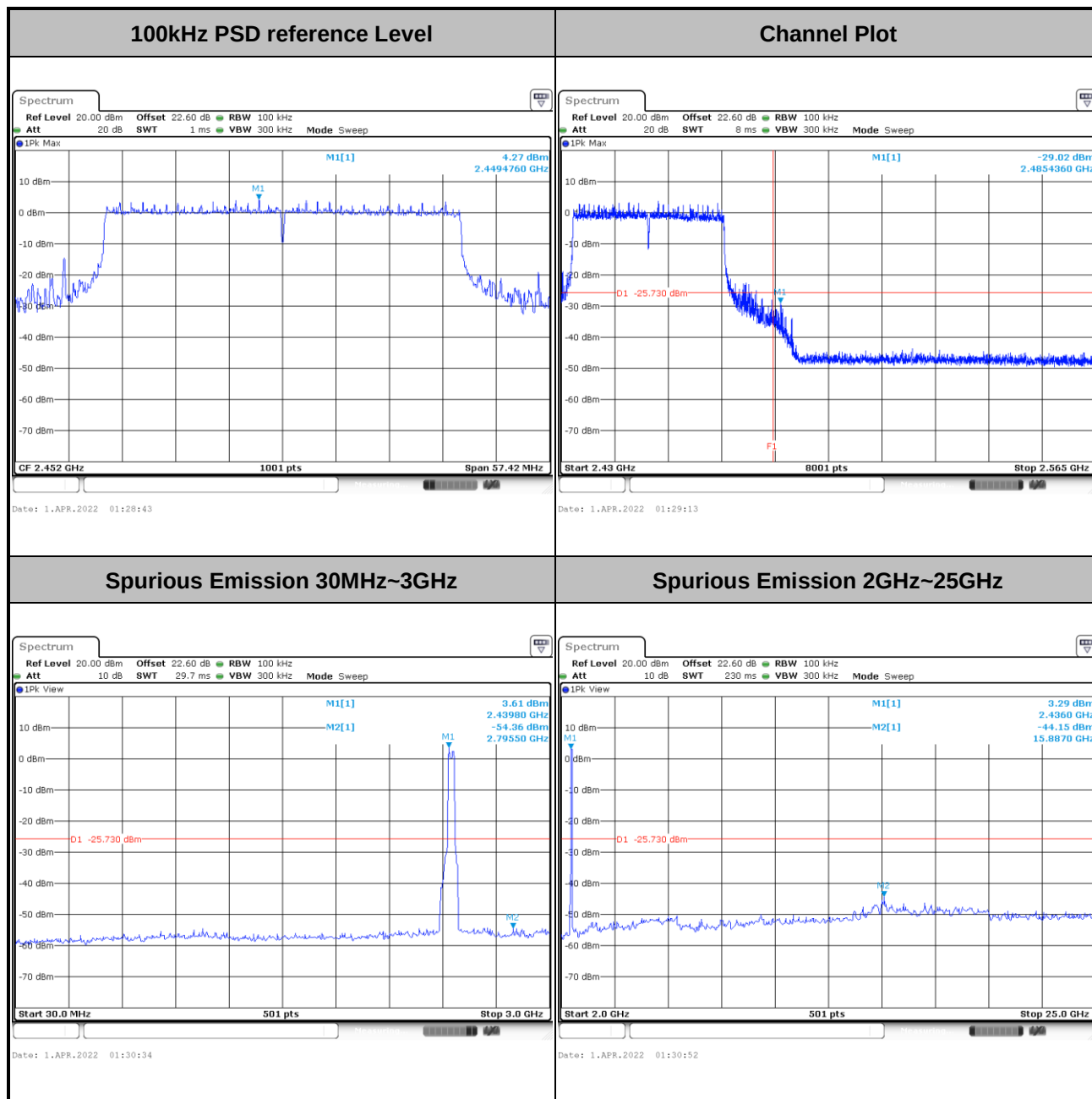


Spurious Emission 2GHz~25GHz





Test Mode :	802.11ax HE40	Test Channel :	09
-------------	---------------	----------------	----



3.5 Radiated Band Edges and Spurious Emission Measurement

3.5.1 Limit of Radiated band edge and Spurious Emission Measurement

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

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

3.5.2 Measuring Instruments

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

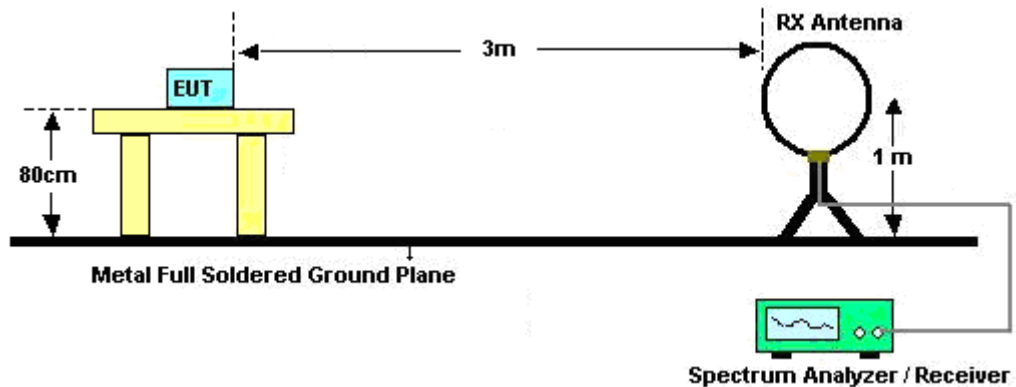


3.5.3 Test Procedures

1. The testing follows the ANSI C63.10 Section 11.12.1 Radiated emission measurements
2. The EUT is arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level.
3. The EUT is placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
4. The EUT is set 3 meters away from the receiving antenna, which is mounted on the top of a variable height antenna tower.
5. Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level
6. Radiated testing below 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading. When there is no suspected emission found and the emission level is with at least 6 dB margin against QP limit line, the position is marked as “-”.
7. Radiated testing above 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading for scanning all frequencies. When there is no suspected emission found and the harmonic emission level is with at least 6 dB margin against average limit line, the position is marked as “-”.
8. Use the following spectrum analyzer settings:
 - (1) Span shall wide enough to fully capture the emission being measured;
 - (2) Set RBW=100 kHz for $f < 1$ GHz; $VBW \geq RBW$; Sweep = auto; Detector function = peak; Trace = max hold;
 - (3) Set RBW = 1 MHz, VBW = 3 MHz for $f \geq 1$ GHz for peak measurement.For average measurement:
 - $VBW = 10$ Hz, when duty cycle is no less than 98 percent.
 - $VBW \geq 1/T$, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.

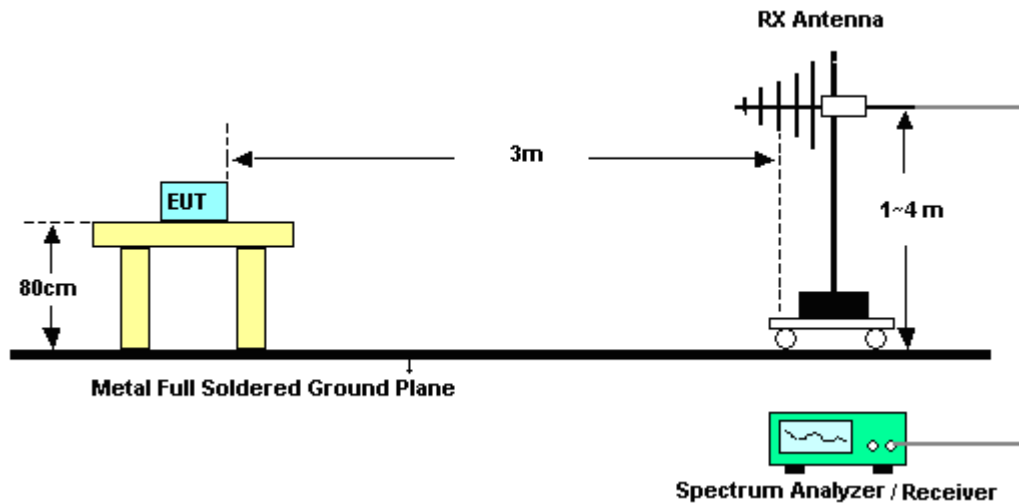
3.5.4 Test Setup

For radiated emissions below 30MHz

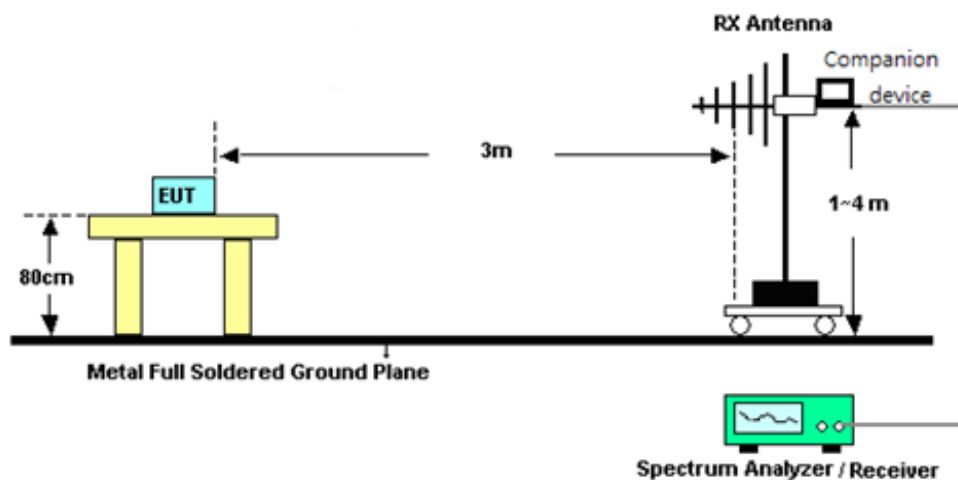


For radiated emissions from 30MHz to 1GHz

<CDD Mode>

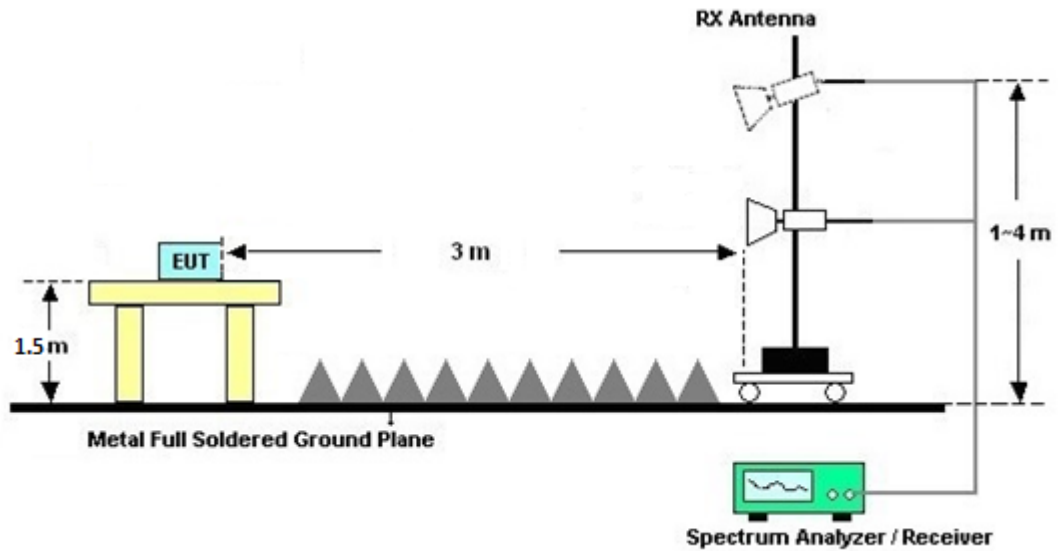


<TXBF Modes>

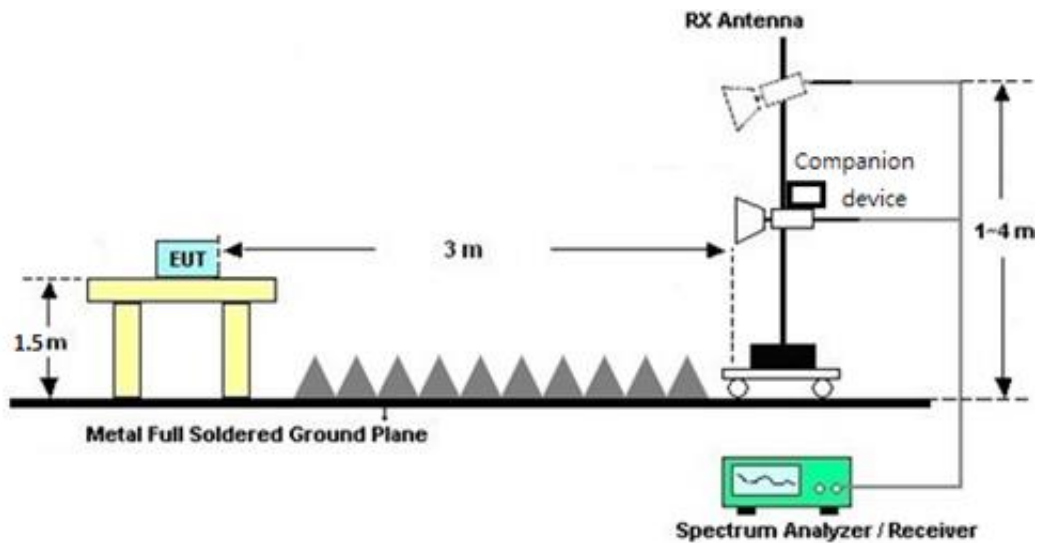


For radiated test from 1GHz to 18GHz

<CDD Mode>

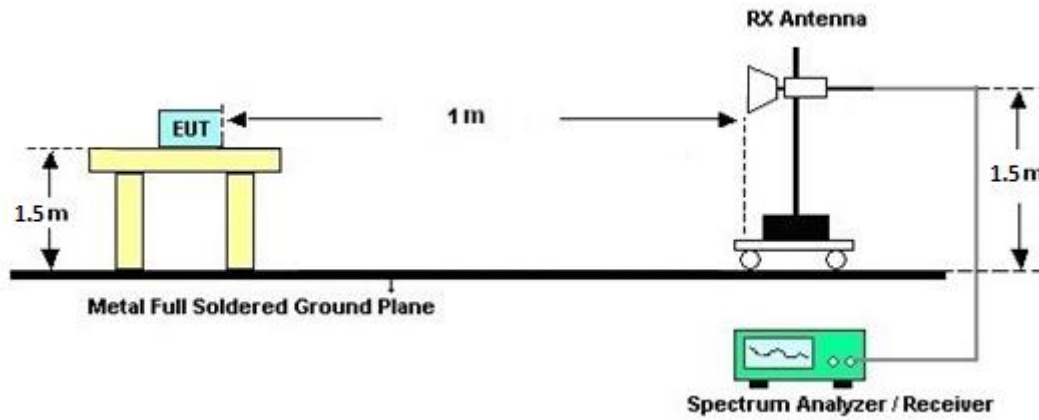


<TXBF Modes>

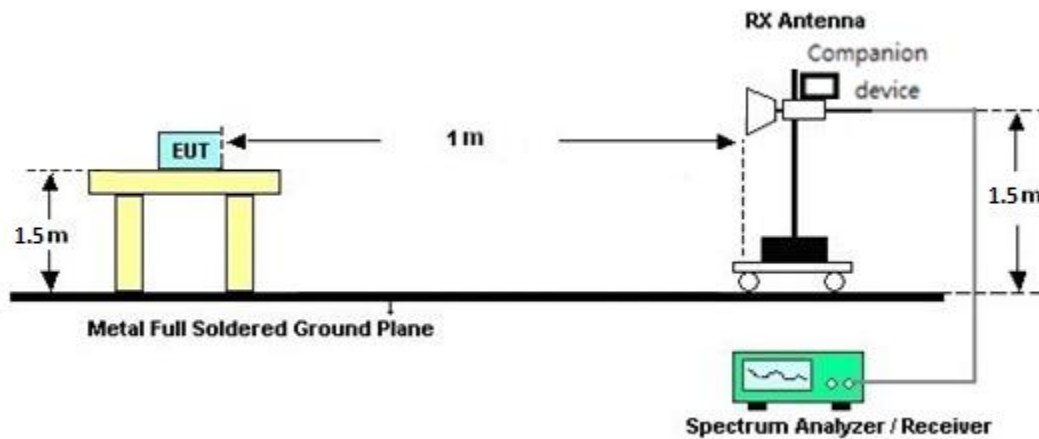


For radiated test above 18GHz

<CDD Mode>



<TXBF Modes>



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

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

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

3.5.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix 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 (dB μ V)	
	Quasi-Peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

*Decreases with the logarithm of the frequency.

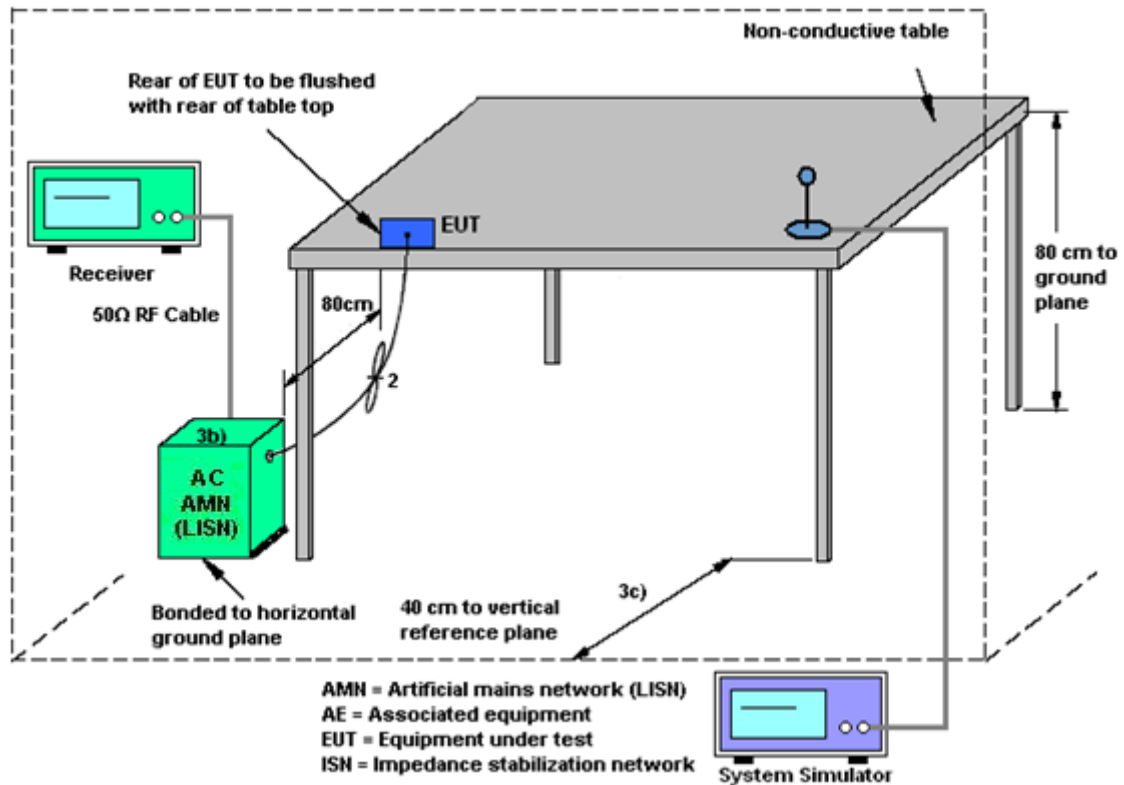
3.6.2 Measuring Instruments

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

3.6.3 Test Procedures

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

3.6.4 Test Setup



3.6.5 Test Result of AC Conducted Emission

Please refer to Appendix 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 >

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

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, $G_{ANT1} = 3.6\text{dBi}$; $G_{ANT2} = 4.2\text{dBi}$

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

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

The directional gain of EUT is listed in the following table.

<CDD Modes>						
			DG	DG	Power	PSD
			for	for	Limit	Limit
	Ant. 9	Ant. 8	Power	PSD	Reduction	Reduction
	(dBi)	(dBi)	(dBi)	(dBi)	(dB)	(dB)
2.4 GHz	2.50	2.40	2.50	5.46	0.00	0.00

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

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

Calculation example:

For the DG for PSD is derived from formula is

$$10 \times \log \{ \{ [10^{(2.50\text{ dBi} / 20)} + 10^{(2.40\text{ dBi} / 20)}]^2 / 2 \} \}$$

$$= 5.46\text{ dBi}$$

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 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 for Power (dBi)	DG for PSD (dBi)	Power Limit Reduction (dB)	PSD Limit Reduction (dB)
	Ant. 9 (dBi)	Ant. 8 (dBi)				
2.4 GHz	2.50	2.40	5.46	5.46	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

$$10 \times \log \left\{ \left[10^{\frac{2.50 \text{ dBi}}{20}} + 10^{\frac{2.40 \text{ dBi}}{20}} \right]^2 / 2 \right\}$$

$$= 5.46 \text{ dBi}$$



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	Sep. 07, 2021	Mar. 05, 2022~ Mar. 12, 2022	Sep. 06, 2022	Radiation (03CH16-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00802N1D01N -06	47020 & 06	30MHz to 1GHz	Oct. 09, 2021	Mar. 05, 2022~ Mar. 12, 2022	Oct. 08, 2022	Radiation (03CH16-HY)
Horn Antenna	SCHWARZBE CK	BBHA 9120 D	9120D-02114	1G~18GHz	Aug. 04, 2021	Mar. 05, 2022~ Mar. 12, 2022	Aug. 03, 2022	Radiation (03CH16-HY)
SHF-EHF Horn Antenna	SCHWARZBE CK	BBHA 9170	00993	18GHz ~40GHz	Nov. 30, 2021	Mar. 05, 2022~ Mar. 12, 2022	Nov. 29, 2022	Radiation (03CH16-HY)
Amplifier	SONOMA	310N	371607	9kHz~1G	Jul. 05, 2021	Mar. 05, 2022~ Mar. 12, 2022	Jul. 04, 2022	Radiation (03CH16-HY)
Amplifier	EMCI	EMC051845S E	980729	1-18GHz	Jul. 09, 2021	Mar. 05, 2022~ Mar. 12, 2022	Jul. 08, 2022	Radiation (03CH16-HY)
Preamplifier	EMEC	EM18G40G	060801	18GHz~40GHz	Jun. 22, 2021	Mar. 05, 2022~ Mar. 12, 2022	Jun. 21, 2022	Radiation (03CH16-HY)
Preamplifier	Keysight	83017A	MY53270264	1GHz~26.5GHz	Dec. 09, 2021	Mar. 05, 2022~ Mar. 12, 2022	Dec. 08, 2022	Radiation (03CH16-HY)
EMI Test Receiver	Keysight	N9038A(MXE)	MY57290111	3Hz~26.5GHz	Dec.15, 2021	Mar. 05, 2022~ Mar. 12, 2022	Dec. 14, 2022	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY11680/4P E	NA	Aug. 28, 2021	Mar. 05, 2022~ Mar. 12, 2022	Aug. 27, 2022	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY11688/4P E	NA	Aug. 28, 2021	Mar. 05, 2022~ Mar. 12, 2022	Aug. 27, 2022	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	EC-A5-300-5 757	NA	Aug. 28, 2021	Mar. 05, 2022~ Mar. 12, 2022	Aug. 27, 2022	Radiation (03CH16-HY)
Software	Audix	E3 6.2009-8-24	RK-001136	N/A	N/A	Mar. 05, 2022~ Mar. 12, 2022	N/A	Radiation (03CH16-HY)
Controller	ChainTek	3000-1	N/A	Control Turn table & Ant Mast	N/A	Mar. 05, 2022~ Mar. 12, 2022	N/A	Radiation (03CH16-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Mar. 05, 2022~ Mar. 12, 2022	N/A	Radiation (03CH16-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Mar. 05, 2022~ Mar. 12, 2022	N/A	Radiation (03CH16-HY)
Hygrometer	TECPEL	DTM-303A	TP201996	N/A	Nov. 16, 2021	Mar. 02, 2022~ May 23, 2022	Nov. 15, 2022	Conducted (TH05-HY)
Power Sensor	DARE	RPR3006W	16I00054SNO 12 (NO:113)	10MHz~6GHz	Dec. 16, 2021	Mar. 02, 2022~ May 23, 2022	Dec. 15, 2022	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101566	10Hz~40GHz	Aug. 30, 2021	Mar. 02, 2022~ May 23, 2022	Aug. 29, 2022	Conducted (TH05-HY)
Switch Control Mainframe	E-IUSTRUME NT	ETF-1405-0	EC1900067 (BOX7)	N/A	Aug. 12, 2021	Mar. 02, 2022~ May 23, 2022	Aug. 11, 2022	Conducted (TH05-HY)



Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Apr. 12, 2022	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	9kHz~3.6GHz	Dec. 01, 2021	Apr. 12, 2022	Nov. 30, 2022	Conduction (CO05-HY)
Hygrometer	Testo	608-H1	34913912	N/A	Nov. 17, 2021	Apr. 12, 2022	Nov. 16, 2022	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100080	9kHz~30MHz	Dec. 03, 2021	Apr. 12, 2022	Dec. 02, 2022	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32	N/A	N/A	N/A	Apr. 12, 2022	N/A	Conduction (CO05-HY)
Pulse Limiter	SCHWARZBECK	VTSD 9561-FN	00691	N/A	Jul. 28, 2021	Apr. 12, 2022	Jul. 27, 2022	Conduction (CO05-HY)
LISN Cable	MVE	RG-400	260260	N/A	Dec. 30, 2021	Apr. 12, 2022	Dec. 29, 2022	Conduction (CO05-HY)



5 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.1 dB
--	--------

Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.8 dB
--	--------

Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.2 dB
--	--------

Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.8 dB
--	--------



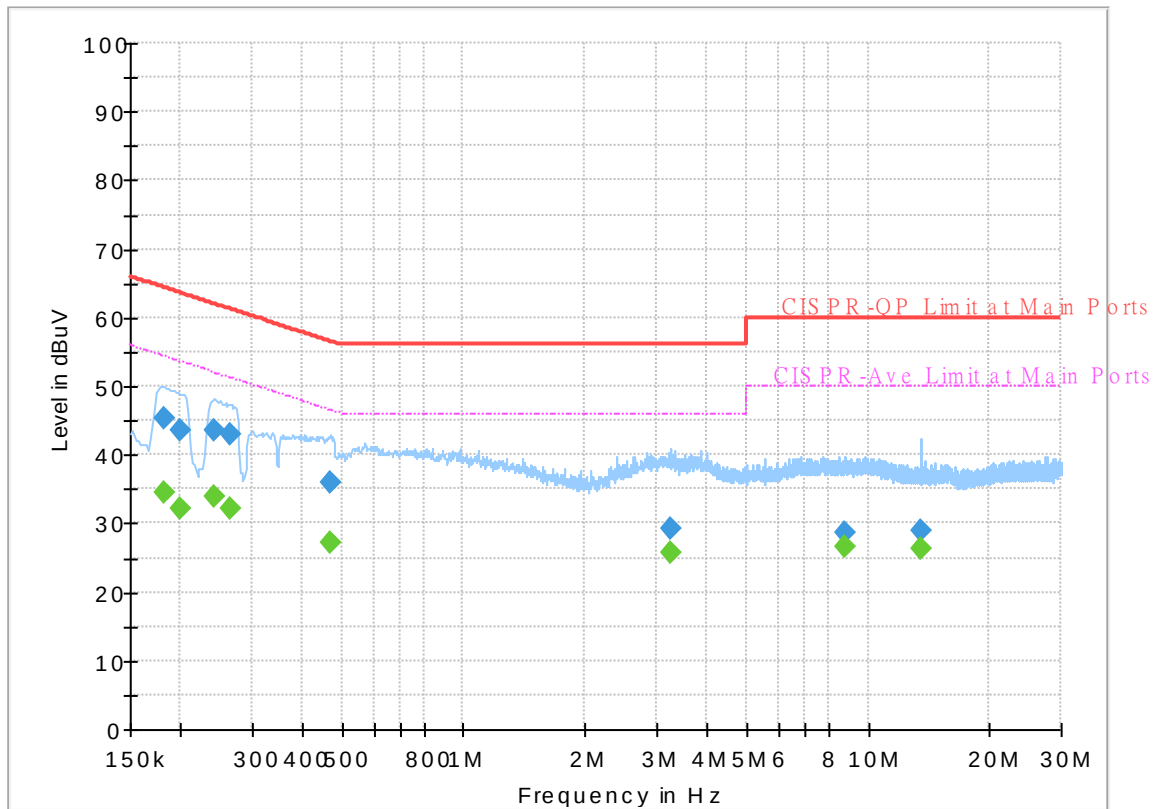
Appendix A. AC Conducted Emission Test Results

Test Engineer :	Calvin Wang	Temperature :	23~26℃
		Relative Humidity :	40~50%

EUT Information

Report NO : 222202
Test Mode : Mode 1
Test Voltage : 120Vac/60Hz
Phase : Line

Full Spectrum



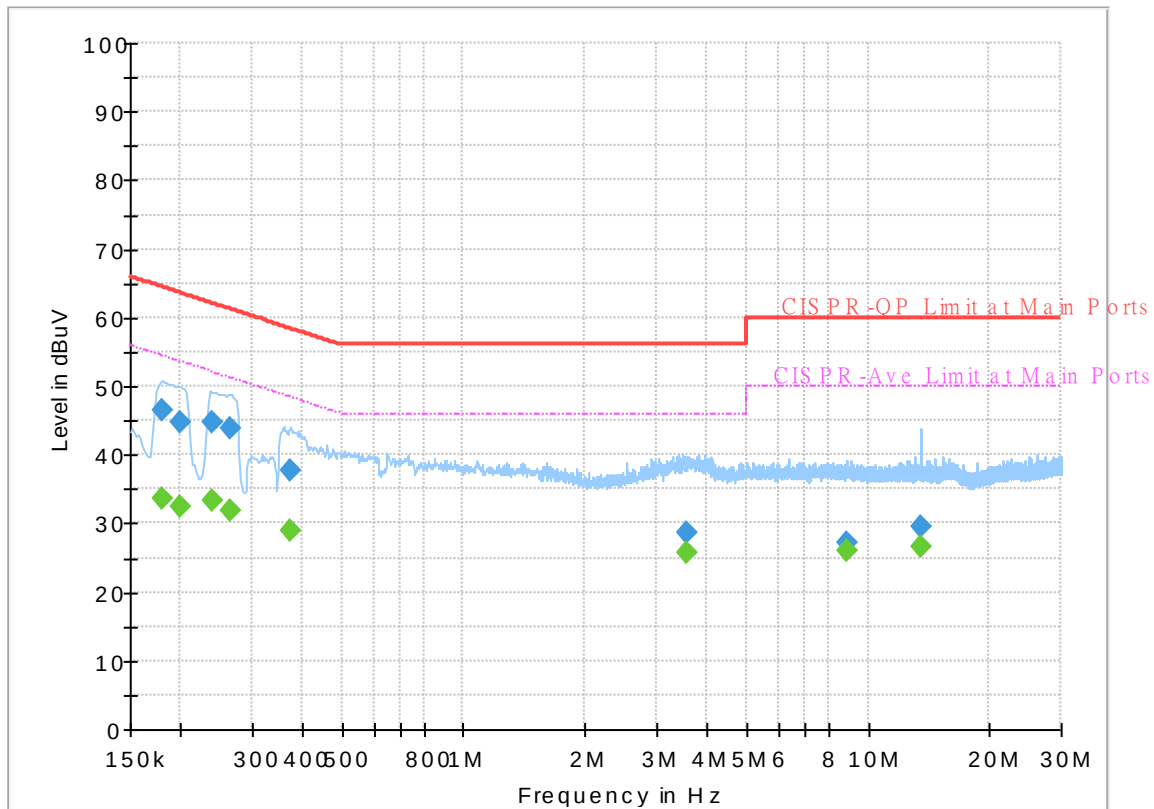
Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.181500	45.40	---	64.42	19.02	L1	OFF	19.6
0.181500	---	34.52	54.42	19.90	L1	OFF	19.6
0.199500	43.58	---	63.63	20.05	L1	OFF	19.6
0.199500	---	32.26	53.63	21.37	L1	OFF	19.6
0.242250	43.68	---	62.02	18.34	L1	OFF	19.6
0.242250	---	33.88	52.02	18.14	L1	OFF	19.6
0.264750	42.90	---	61.28	18.38	L1	OFF	19.6
0.264750	---	32.17	51.28	19.11	L1	OFF	19.6
0.469500	36.07	---	56.52	20.45	L1	OFF	19.6
0.469500	---	27.21	46.52	19.31	L1	OFF	19.6
3.261750	29.33	---	56.00	26.67	L1	OFF	19.8
3.261750	---	25.80	46.00	20.20	L1	OFF	19.8
8.794500	28.57	---	60.00	31.43	L1	OFF	20.0
8.794500	---	26.51	50.00	23.49	L1	OFF	20.0
13.560000	29.01	---	60.00	30.99	L1	OFF	20.2
13.560000	---	26.41	50.00	23.59	L1	OFF	20.2

EUT Information

Report NO : 222202
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)
0.179250	---	33.50	54.52	21.02	N	OFF	19.6
0.179250	46.35	---	64.52	18.17	N	OFF	19.6
0.199500	---	32.50	53.63	21.13	N	OFF	19.6
0.199500	44.62	---	63.63	19.01	N	OFF	19.6
0.240000	---	33.22	52.10	18.88	N	OFF	19.6
0.240000	44.63	---	62.10	17.47	N	OFF	19.6
0.264750	---	31.95	51.28	19.33	N	OFF	19.6
0.264750	43.71	---	61.28	17.57	N	OFF	19.6
0.375000	---	28.88	48.39	19.51	N	OFF	19.6
0.375000	37.74	---	58.39	20.65	N	OFF	19.6
3.552000	---	25.61	46.00	20.39	N	OFF	19.8
3.552000	28.71	---	56.00	27.29	N	OFF	19.8
8.839500	---	25.95	50.00	24.05	N	OFF	20.0
8.839500	27.34	---	60.00	32.66	N	OFF	20.0
13.560000	---	26.73	50.00	23.27	N	OFF	20.2
13.560000	29.46	---	60.00	30.54	N	OFF	20.2



Appendix B. Radiated Spurious Emission

Test Engineer :	Andy Yang, Karl Hou and Wilson 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.
9+8		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b CH 01 2412MHz		2327.22	56.58	-17.42	74	41.43	27.15	18.09	30.09	100	360	P	H
		2388.96	44.04	-9.96	54	28.53	27.36	18.22	30.07	100	360	A	H
	*	2412	110.48	-	-	94.84	27.45	18.26	30.07	100	360	P	H
	*	2412	107.55	-	-	91.91	27.45	18.26	30.07	100	360	A	H
													H
													H
		2388.54	55.7	-18.3	74	40.2	27.35	18.22	30.07	100	11	P	V
		2387.7	44.02	-9.98	54	28.52	27.35	18.22	30.07	100	11	A	V
	*	2412	110.31	-	-	94.67	27.45	18.26	30.07	100	11	P	V
	*	2412	107.33	-	-	91.69	27.45	18.26	30.07	100	11	A	V
													V
													V
802.11b CH 06 2437MHz		2369.64	56.11	-17.89	74	40.73	27.28	18.18	30.08	118	358	P	H
		2389.52	43.93	-10.07	54	28.42	27.36	18.22	30.07	118	358	A	H
	*	2437	111.21	-	-	95.41	27.55	18.31	30.06	118	358	P	H
	*	2437	108.24	-	-	92.44	27.55	18.31	30.06	118	358	A	H
		2497.48	56.66	-17.34	74	40.4	27.88	18.42	30.04	118	358	P	H
		2496.5	44.92	-9.08	54	28.67	27.88	18.41	30.04	118	358	A	H
		2385.46	56.07	-17.93	74	40.59	27.34	18.21	30.07	124	12	P	V
		2389.38	43.94	-10.06	54	28.43	27.36	18.22	30.07	124	12	A	V
	*	2437	109.29	-	-	93.49	27.55	18.31	30.06	124	12	P	V
	*	2437	106.33	-	-	90.53	27.55	18.31	30.06	124	12	A	V
		2496.78	56.83	-17.17	74	40.58	27.88	18.41	30.04	124	12	P	V
		2497.76	44.9	-9.1	54	28.63	27.89	18.42	30.04	124	12	A	V



802.11b CH 11 2462MHz	*	2462	111.65	-	-	95.68	27.67	18.35	30.05	100	360	P	H
	*	2462	108.55	-	-	92.58	27.67	18.35	30.05	100	360	A	H
		2489.28	57.44	-16.56	74	41.24	27.84	18.4	30.04	100	360	P	H
		2483.56	45.18	-8.82	54	29.03	27.8	18.39	30.04	100	360	A	H
													H
													H
	*	2462	109.83	-	-	93.86	27.67	18.35	30.05	100	9	P	V
	*	2462	106.69	-	-	90.72	27.67	18.35	30.05	100	9	A	V
		2488.04	56.74	-17.26	74	40.55	27.83	18.4	30.04	100	9	P	V
		2484.16	45.08	-8.92	54	28.93	27.8	18.39	30.04	100	9	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. 9+8	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	42.5	-31.5	74	52.98	32.45	12.34	55.27	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		4824	47.62	-26.38	74	58.1	32.45	12.34	55.27	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

[illegible]

[illegible]



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

WIFI Ant. 9+8	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		2389.8	60.26	-13.74	74	44.75	27.36	18.22	30.07	145	316	P	H
		2390	47.69	-6.31	54	32.18	27.36	18.22	30.07	145	316	A	H
	*	2412	108.38	-	-	92.74	27.45	18.26	30.07	145	316	P	H
	*	2412	100.76	-	-	85.12	27.45	18.26	30.07	145	316	A	H
													H
													H
		2389.8	65.8	-8.2	74	50.29	27.36	18.22	30.07	112	360	P	V
		2390	52.09	-1.91	54	36.58	27.36	18.22	30.07	112	360	A	V
	*	2412	113.6	-	-	97.96	27.45	18.26	30.07	112	360	P	V
	*	2412	106.08	-	-	90.44	27.45	18.26	30.07	112	360	A	V
													V
													V
802.11g CH 06 2437MHz		2355.78	56.18	-17.82	74	40.89	27.22	18.15	30.08	100	213	P	H
		2389.94	43.99	-10.01	54	28.48	27.36	18.22	30.07	100	213	A	H
	*	2437	111.16	-	-	95.36	27.55	18.31	30.06	100	213	P	H
	*	2437	103.5	-	-	87.7	27.55	18.31	30.06	100	213	A	H
		2486.28	56.9	-17.1	74	40.72	27.82	18.4	30.04	100	213	P	H
		2497.97	44.87	-9.13	54	28.6	27.89	18.42	30.04	100	213	A	H
		2389.24	55.72	-18.28	74	40.21	27.36	18.22	30.07	107	88	P	V
		2388.82	43.53	-10.47	54	28.02	27.36	18.22	30.07	107	88	A	V
	*	2437	108.21	-	-	92.41	27.55	18.31	30.06	107	88	P	V
	*	2437	100.98	-	-	85.18	27.55	18.31	30.06	107	88	A	V
		2499.51	56.6	-17.4	74	40.32	27.9	18.42	30.04	107	88	P	V
		2498.39	44.59	-9.41	54	28.32	27.89	18.42	30.04	107	88	A	V



802.11g CH 11 2462MHz	*	2458	108.09	-	-	92.15	27.65	18.34	30.05	200	121	P	H
	*	2458	100.54	-	-	84.6	27.65	18.34	30.05	200	121	A	H
		2483.72	59.68	-14.32	74	43.53	27.8	18.39	30.04	200	121	P	H
		2483.52	48.23	-5.77	54	32.08	27.8	18.39	30.04	200	121	A	H
													H
													H
	*	2462	113.45	-	-	97.48	27.67	18.35	30.05	180	12	P	V
	*	2462	105.68	-	-	89.71	27.67	18.35	30.05	180	12	A	V
		2484	64.09	-9.91	74	47.94	27.8	18.39	30.04	180	12	P	V
		2483.52	52.62	-1.38	54	36.47	27.8	18.39	30.04	180	12	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

[illegible]



WIFI Ant. 9+8	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	41.16	-32.84	74	51.57	32.6	12.32	55.33	-	-	P	H
		7311	45.7	-28.3	74	48.74	36.78	15.83	55.65	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		4874	41.46	-32.54	74	51.87	32.6	12.32	55.33	-	-	P	V
		7311	46.76	-27.24	74	49.8	36.78	15.83	55.65	-	-	P	V
													V
													V
													V
													V
													V
													V
													V



WIFI Ant. 9+8	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	40.75	-33.25	74	51	32.84	12.3	55.39	-	-	P	H
		7386	47.86	-26.14	74	50.86	36.41	16.25	55.66	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		4924	43.35	-30.65	74	53.6	32.84	12.3	55.39	-	-	P	V
		7386	47.97	-26.03	74	50.97	36.41	16.25	55.66	-	-	P	V
													V
													V
													V
													V
													V
												V	
												V	
												V	
												V	
												V	
												V	
												V	
												V	
												V	
												V	
												V	
												V	
												V	
												V	
												V	
												V	
												V	
												V	
												V	
												V	
												V	
												V	
												V	
												V	
												V	
												V	
												V	
												V	
												V	
												V	
												V	
												V	
												V	
												V	
												V	
												V	
												V	
												V	
												V	
												V	
												V	
												V	
												V	
												V	
												V	
												V	
												V	
												V	
												V	
												V	
												V	
												V	
												V	
												V	
												V	
												V	
												V	
												V	
												V	
												V	
												V	
												V	
												V	
												V	
												V	
												V	
												V	
												V	
												V	
												V	
							</						



2.4GHz 2400~2483.5MHz

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

WIFI Ant. 9+8	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 01 2412MHz		2389.905	62.14	-11.86	74	46.63	27.36	18.22	30.07	179	322	P	H
		2390	49.25	-4.75	54	33.74	27.36	18.22	30.07	179	322	A	H
	*	2412	111.25	-	-	95.61	27.45	18.26	30.07	179	322	P	H
	*	2412	101.29	-	-	85.65	27.45	18.26	30.07	179	322	A	H
													H
													H
		2389.8	67.41	-6.59	74	51.9	27.36	18.22	30.07	167	36	P	V
		2390	52.3	-1.7	54	36.79	27.36	18.22	30.07	167	36	A	V
	*	2412	113.9	-	-	98.26	27.45	18.26	30.07	167	36	P	V
	*	2412	104.32	-	-	88.68	27.45	18.26	30.07	167	36	A	V
													V
													V
802.11ax HE20 Full CH 06 2437MHz		2352.7	55.26	-18.74	74	39.98	27.21	18.15	30.08	110	211	P	H
		2387.56	44.05	-9.95	54	28.55	27.35	18.22	30.07	110	211	A	H
	*	2437	112.9	-	-	97.1	27.55	18.31	30.06	110	211	P	H
	*	2437	103.73	-	-	87.93	27.55	18.31	30.06	110	211	A	H
		2496.22	57.09	-16.91	74	40.84	27.88	18.41	30.04	110	211	P	H
		2485.23	44.88	-9.12	54	28.72	27.81	18.39	30.04	110	211	A	H
		2371.74	56.07	-17.93	74	40.68	27.29	18.18	30.08	100	77	P	V
		2389.94	43.88	-10.12	54	28.37	27.36	18.22	30.07	100	77	A	V
	*	2437	111.6	-	-	95.8	27.55	18.31	30.06	100	77	P	V
	*	2437	101.83	-	-	86.03	27.55	18.31	30.06	100	77	A	V
		2500	56.52	-17.48	74	40.24	27.9	18.42	30.04	100	77	P	V
		2488.52	44.91	-9.09	54	28.72	27.83	18.4	30.04	100	77	A	V



WIFI Ant. 9+8	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	109.98	-	-	94.01	27.67	18.35	30.05	150	324	P	H
	*	2462	98.5	-	-	82.53	27.67	18.35	30.05	150	324	A	H
		2484.56	60.87	-13.13	74	44.71	27.81	18.39	30.04	150	324	P	H
		2483.64	48.43	-5.57	54	32.28	27.8	18.39	30.04	150	324	A	H
													H
													H
	*	2462	111.28	-	-	95.31	27.67	18.35	30.05	185	14	P	V
	*	2462	102.63	-	-	86.66	27.67	18.35	30.05	185	14	A	V
		2483.68	65.31	-8.69	74	49.16	27.8	18.39	30.04	185	14	P	V
		2483.52	52.32	-1.68	54	36.17	27.8	18.39	30.04	185	14	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

2.4GHz 2400~2483.5MHz

WIFI 802.11 ax HE20 Full (Harmonic @ 3m)

[illegible]



WIFI Ant. 9+8	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	40.69	-33.31	74	51.1	32.6	12.32	55.33	-	-	P	H
		7311	45.43	-28.57	74	48.47	36.78	15.83	55.65	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		4874	39.39	-34.61	74	49.8	32.6	12.32	55.33	-	-	P	V
		7311	45.67	-28.33	74	48.71	36.78	15.83	55.65	-	-	P	V
													V
													V
													V
													V
													V
													V

[illegible]



2.4GHz 2400~2483.5MHz

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

WIFI Ant. 9+8	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	63.84	-10.16	74	48.33	27.36	18.22	30.07	116	211	P	H
		2390	45.88	-8.12	54	30.37	27.36	18.22	30.07	116	211	A	H
	*	2412	115.62	-	-	99.98	27.45	18.26	30.07	116	211	P	H
	*	2412	107.13	-	-	91.49	27.45	18.26	30.07	116	211	A	H
													H
													H
		2389.275	57	-17	74	41.49	27.36	18.22	30.07	100	79	P	V
		2389.8	44.63	-9.37	54	29.12	27.36	18.22	30.07	100	79	A	V
	*	2412	113.42	-	-	97.78	27.45	18.26	30.07	100	79	P	V
	*	2412	104.99	-	-	89.35	27.45	18.26	30.07	100	79	A	V
													V
													V
802.11ax HE20 Partial 106/54 CH 11 2462MHz	*	2462	112.36	-	-	96.39	27.67	18.35	30.05	150	321	P	H
	*	2462	104.1	-	-	88.13	27.67	18.35	30.05	150	321	A	H
		2483.64	70.95	-3.05	74	54.8	27.8	18.39	30.04	150	321	P	H
		2483.52	46.53	-7.47	54	30.38	27.8	18.39	30.04	150	321	A	H
													H
													H
	*	2462	118.49	-	-	102.52	27.67	18.35	30.05	100	9	P	V
	*	2462	109.41	-	-	93.44	27.67	18.35	30.05	100	9	A	V
		2483.52	71.86	-2.14	74	55.71	27.8	18.39	30.04	100	9	P	V
		2483.52	49.55	-4.45	54	33.4	27.8	18.39	30.04	100	9	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

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

WIFI Ant. 9+8	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 03 2422MHz		2389.94	61.22	-12.78	74	45.71	27.36	18.22	30.07	200	320	P	H
		2389.94	49.24	-4.76	54	33.73	27.36	18.22	30.07	200	320	A	H
	*	2422	109.72	-	-	94.01	27.49	18.28	30.06	200	320	P	H
	*	2422	99.54	-	-	83.83	27.49	18.28	30.06	200	320	A	H
		2490.9	58.51	-15.49	74	42.3	27.85	18.4	30.04	200	320	P	H
		2484.53	45.99	-8.01	54	29.83	27.81	18.39	30.04	200	320	A	H
		2389.8	67.27	-6.73	74	51.76	27.36	18.22	30.07	207	22	P	V
		2389.94	52.25	-1.75	54	36.74	27.36	18.22	30.07	207	22	A	V
	*	2422	112.14	-	-	96.43	27.49	18.28	30.06	207	22	P	V
	*	2422	103.03	-	-	87.32	27.49	18.28	30.06	207	22	A	V
		2484.6	61.45	-12.55	74	45.29	27.81	18.39	30.04	207	22	P	V
		2483.5	48.72	-5.28	54	32.57	27.8	18.39	30.04	207	22	A	V
802.11ax HE40 Full CH 06 2437MHz		2319.8	55.97	-18.03	74	40.84	27.14	18.08	30.09	232	46	P	H
		2389.94	45.58	-8.42	54	30.07	27.36	18.22	30.07	232	46	A	H
	*	2437	108.4	-	-	92.6	27.55	18.31	30.06	232	46	P	H
	*	2437	99.04	-	-	83.24	27.55	18.31	30.06	232	46	A	H
		2484.11	63.01	-10.99	74	46.86	27.8	18.39	30.04	232	46	P	H
		2483.5	50.92	-3.08	54	34.77	27.8	18.39	30.04	232	46	A	H
		2389.38	62.31	-11.69	74	46.8	27.36	18.22	30.07	100	2	P	V
		2389.94	48.08	-5.92	54	32.57	27.36	18.22	30.07	100	2	A	V
	*	2437	113.21	-	-	97.41	27.55	18.31	30.06	100	2	P	V
	*	2437	102.96	-	-	87.16	27.55	18.31	30.06	100	2	A	V
		2486.14	64.93	-9.07	74	48.75	27.82	18.4	30.04	100	2	P	V
		2485.3	51.66	-2.34	54	35.5	27.81	18.39	30.04	100	2	A	V



WIFI Ant. 9+8	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 09 2452MHz		2370.62	55.69	-18.31	74	40.31	27.28	18.18	30.08	150	320	P	H
		2383.36	44.28	-9.72	54	28.81	27.33	18.21	30.07	150	320	A	H
	*	2452	105.13	-	-	89.24	27.61	18.33	30.05	150	320	P	H
	*	2452	95.62	-	-	79.73	27.61	18.33	30.05	150	320	A	H
		2484.11	60.36	-13.64	74	44.21	27.8	18.39	30.04	150	320	P	H
		2483.97	49.14	-4.86	54	32.99	27.8	18.39	30.04	150	320	A	H
		2355.22	56.5	-17.5	74	41.21	27.22	18.15	30.08	100	8	P	V
		2389.38	44.51	-9.49	54	29	27.36	18.22	30.07	100	8	A	V
	*	2452	109.9	-	-	94.01	27.61	18.33	30.05	100	8	P	V
	*	2452	99.98	-	-	84.09	27.61	18.33	30.05	100	8	A	V
		2483.5	64.15	-9.85	74	48	27.8	18.39	30.04	100	8	P	V
		2483.5	52.64	-1.36	54	36.49	27.8	18.39	30.04	100	8	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

2.4GHz 2400~2483.5MHz

WIFI 802.11 ax HE40 Full (Harmonic @ 3m)

[illegible]

[illegible]

[illegible]



2.4GHz 2400~2483.5MHz

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

WIFI Ant. 9+8	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Partial 242/61 CH 03 2422MHz		2389.94	63.29	-10.71	74	47.78	27.36	18.22	30.07	200	311	P	H
		2389.94	47.94	-6.06	54	32.43	27.36	18.22	30.07	200	311	A	H
	*	2422	109.71	-	-	94	27.49	18.28	30.06	200	311	P	H
	*	2422	100.12	-	-	84.41	27.49	18.28	30.06	200	311	A	H
		2484.67	59	-15	74	42.84	27.81	18.39	30.04	200	311	P	H
		2484.11	44.66	-9.34	54	28.51	27.8	18.39	30.04	200	311	A	H
		2389.94	68.4	-5.6	74	52.89	27.36	18.22	30.07	202	32	P	V
		2389.94	52.05	-1.95	54	36.54	27.36	18.22	30.07	202	32	A	V
	*	2422	113.89	-	-	98.18	27.49	18.28	30.06	202	32	P	V
	*	2422	104.8	-	-	89.09	27.49	18.28	30.06	202	32	A	V
		2484.11	61.01	-12.99	74	44.86	27.8	18.39	30.04	202	32	P	V
		2483.5	44.9	-9.1	54	28.75	27.8	18.39	30.04	202	32	A	V
802.11ax HE40 Partial 242/62 CH 09 2452MHz		2383.78	56.07	-17.93	74	40.59	27.34	18.21	30.07	150	322	P	H
		2389.66	43.63	-10.37	54	28.12	27.36	18.22	30.07	150	322	A	H
	*	2452	107.76	-	-	91.87	27.61	18.33	30.05	150	322	P	H
	*	2452	98.65	-	-	82.76	27.61	18.33	30.05	150	322	A	H
		2483.55	63.12	-10.88	74	46.97	27.8	18.39	30.04	150	322	P	H
		2483.62	47.85	-6.15	54	31.7	27.8	18.39	30.04	150	322	A	H
		2380	55.87	-18.13	74	40.43	27.32	18.2	30.08	181	13	P	V
		2389.94	43.72	-10.28	54	28.21	27.36	18.22	30.07	181	13	A	V
	*	2452	113.26	-	-	97.37	27.61	18.33	30.05	181	13	P	V
	*	2452	103.53	-	-	87.64	27.61	18.33	30.05	181	13	A	V
		2483.62	64.86	-9.14	74	48.71	27.8	18.39	30.04	181	13	P	V
		2483.5	52.17	-1.83	54	36.02	27.8	18.39	30.04	181	13	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

2.4GHz 2400~2483.5MHz

WIFI 802.11ax HE40 Partial 242 (Harmonic @ 3m)

[illegible]

[illegible]

Emission below 1GHz

2.4GHz WIFI 802.11ax HE40 (LF)

[illegible]



<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.
9+8		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE20 Full CH 01 2412MHz		2384.55	56.1	-17.9	74	40.62	27.34	18.21	30.07	199	331	P	H
		2383.395	45.13	-8.87	54	29.66	27.33	18.21	30.07	199	331	A	H
	*	2412	106.12	-	-	90.48	27.45	18.26	30.07	199	331	P	H
	*	2412	97.77	-	-	82.13	27.45	18.26	30.07	199	331	A	H
													H
													H
		2380.455	55.65	-18.35	74	40.21	27.32	18.2	30.08	226	346	P	V
		2390	45.52	-8.48	54	30.01	27.36	18.22	30.07	226	346	A	V
	*	2412	109.14	-	-	93.5	27.45	18.26	30.07	226	346	P	V
	*	2412	100.18	-	-	84.54	27.45	18.26	30.07	226	346	A	V
													V
													V
802.11ax HE20 Full CH 06 2437MHz		2368.1	55.63	-18.37	74	40.26	27.27	18.18	30.08	221	330	P	H
		2384.9	45.18	-8.82	54	29.7	27.34	18.21	30.07	221	330	A	H
	*	2437	107.89	-	-	92.09	27.55	18.31	30.06	221	330	P	H
	*	2437	97.5	-	-	81.7	27.55	18.31	30.06	221	330	A	H
		2496.43	57.04	-16.96	74	40.79	27.88	18.41	30.04	221	330	P	H
		2491.32	46.02	-7.98	54	29.81	27.85	18.4	30.04	221	330	A	H
		2389.66	56.76	-17.24	74	41.25	27.36	18.22	30.07	223	351	P	V
		2386.3	45	-9	54	29.51	27.35	18.21	30.07	223	351	A	V
	*	2437	109.62	-	-	93.82	27.55	18.31	30.06	223	351	P	V
	*	2437	101.31	-	-	85.51	27.55	18.31	30.06	223	351	A	V
		2489.36	56.74	-17.26	74	40.54	27.84	18.4	30.04	223	351	P	V
		2499.65	45.94	-8.06	54	29.66	27.9	18.42	30.04	223	351	A	V



WIFI Ant. 9+8	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	107.55	-	-	91.58	27.67	18.35	30.05	193	322	P	H
	*	2462	97.56	-	-	81.59	27.67	18.35	30.05	193	322	A	H
		2493.72	57.69	-16.31	74	41.46	27.86	18.41	30.04	193	322	P	H
		2484.04	46.19	-7.81	54	30.04	27.8	18.39	30.04	193	322	A	H
													H
													H
	*	2462	110.54	-	-	94.57	27.67	18.35	30.05	195	356	P	V
	*	2462	100.81	-	-	84.84	27.67	18.35	30.05	195	356	A	V
		2484.16	57.17	-16.83	74	41.02	27.8	18.39	30.04	195	356	P	V
		2483.56	47.25	-6.75	54	31.1	27.8	18.39	30.04	195	356	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

2.4GHz 2400~2483.5MHz

WIFI 802.11 ax HE20 Full (Harmonic @ 3m)

[illegible]



WIFI Ant. 9+8	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	39.67	-34.33	74	50.08	32.6	12.32	55.33	-	-	P	H
		7311	45.46	-28.54	74	48.5	36.78	15.83	55.65	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		4874	39.65	-34.35	74	50.06	32.6	12.32	55.33	-	-	P	V
		7311	45.43	-28.57	74	48.47	36.78	15.83	55.65	-	-	P	V
													V
													V
													V
													V
													V
													V
													V



WIFI Ant. 9+8	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	40.44	-33.56	74	50.69	32.84	12.3	55.39	-	-	P	H
		7386	46.44	-27.56	74	49.44	36.41	16.25	55.66	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		4924	40.24	-33.76	74	50.49	32.84	12.3	55.39	-	-	P	V
		7386	46.48	-27.52	74	49.48	36.41	16.25	55.66	-	-	P	V
													V
													V
													V
													V
													V
													V
												V	
												V	
												V	
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												



2.4GHz 2400~2483.5MHz

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

WIFI Ant. 9+8	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 03 2422MHz		2383.64	56.39	-17.61	74	40.92	27.33	18.21	30.07	198	331	P	H
		2387.98	45.15	-8.85	54	29.65	27.35	18.22	30.07	198	331	A	H
	*	2422	103.54	-	-	87.83	27.49	18.28	30.06	198	331	P	H
	*	2422	94.67	-	-	78.96	27.49	18.28	30.06	198	331	A	H
		2492.58	57.36	-16.64	74	41.13	27.86	18.41	30.04	198	331	P	H
		2492.93	45.88	-8.12	54	29.65	27.86	18.41	30.04	198	331	A	H
		2379.44	56.42	-17.58	74	40.98	27.32	18.2	30.08	228	344	P	V
		2388.12	45.6	-8.4	54	30.1	27.35	18.22	30.07	228	344	A	V
	*	2422	107.28	-	-	91.57	27.49	18.28	30.06	228	344	P	V
	*	2422	97.65	-	-	81.94	27.49	18.28	30.06	228	344	A	V
		2485.72	60.13	-13.87	74	43.97	27.81	18.39	30.04	228	344	P	V
		2499.72	46.02	-7.98	54	29.74	27.9	18.42	30.04	228	344	A	V
802.11ax HE40 Full CH 06 2437MHz		2380.7	55.96	-18.04	74	40.52	27.32	18.2	30.08	221	331	P	H
		2389.94	45.24	-8.76	54	29.73	27.36	18.22	30.07	221	331	A	H
	*	2437	103.65	-	-	87.85	27.55	18.31	30.06	221	331	P	H
	*	2437	94.57	-	-	78.77	27.55	18.31	30.06	221	331	A	H
		2486.84	56.92	-17.08	74	40.74	27.82	18.4	30.04	221	331	P	H
		2484.32	48.96	-5.04	54	32.8	27.81	18.39	30.04	221	331	A	H
		2389.1	56.11	-17.89	74	40.6	27.36	18.22	30.07	171	352	P	V
		2387.7	46.55	-7.45	54	31.05	27.35	18.22	30.07	171	352	A	V
	*	2437	109.36	-	-	93.56	27.55	18.31	30.06	171	352	P	V
	*	2437	103.01	-	-	87.21	27.55	18.31	30.06	171	352	A	V
		2484.74	65.11	-8.89	74	48.95	27.81	18.39	30.04	171	352	P	V
		2483.69	51	-3	54	34.85	27.8	18.39	30.04	171	352	A	V



WIFI Ant. 9+8	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 09 2452MHz		2389.66	56.32	-17.68	74	40.81	27.36	18.22	30.07	198	325	P	H
		2362.22	44.91	-9.09	54	29.58	27.25	18.16	30.08	198	325	A	H
	*	2452	103.35	-	-	87.46	27.61	18.33	30.05	198	325	P	H
	*	2452	93.92	-	-	78.03	27.61	18.33	30.05	198	325	A	H
		2484.6	58.21	-15.79	74	42.05	27.81	18.39	30.04	198	325	P	H
		2484.67	46.69	-7.31	54	30.53	27.81	18.39	30.04	198	325	A	H
		2348.5	55.56	-18.44	74	40.31	27.2	18.14	30.09	196	345	P	V
		2359.28	45.21	-8.79	54	29.89	27.24	18.16	30.08	196	345	A	V
	*	2452	107.68	-	-	91.79	27.61	18.33	30.05	196	345	P	V
	*	2452	96.85	-	-	80.96	27.61	18.33	30.05	196	345	A	V
		2483.48	60.81	-89.19	150	44.66	27.8	18.39	30.04	196	345	P	V
		2485.93	48.75	-5.25	54	32.58	27.82	18.39	30.04	196	345	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

2.4GHz 2400~2483.5MHz

WIFI 802.11 ax HE40 Full (Harmonic @ 3m)

[illegible]



WIFI Ant. 9+8	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 06 2437MHz		4874	39.88	-34.12	74	50.29	32.6	12.32	55.33	-	-	P	H
		7311	45.93	-28.07	74	48.97	36.78	15.83	55.65	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		4874	39.77	-34.23	74	50.18	32.6	12.32	55.33	-	-	P	V
		7311	45.78	-28.22	74	48.82	36.78	15.83	55.65	-	-	P	V
													V
													V
													V
													V
													V
													V
													V

[illegible]

Emission below 1GHz

2.4GHz WIFI 802.11ax HE40 (LF)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
9+8		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
2.4GHz 802.11ax HE40 LF		93.05	31.73	-11.77	43.5	47.35	14.94	1.75	32.31	-	-	P	H
		157.07	25.72	-17.78	43.5	38.9	16.78	2.29	32.25	-	-	P	H
		471.35	29.43	-16.57	46	34.39	23.6	3.84	32.4	-	-	P	H
		839.95	33.42	-12.58	46	31.36	28.97	5.1	32.01	-	-	P	H
		898.15	38.53	-7.47	46	35.84	28.97	5.28	31.56	-	-	P	H
		942.77	34.14	-11.86	46	29.63	30.32	5.44	31.25	-	-	P	H
													H
													H
													H
													H
													H
													H
		38.73	31.48	-8.52	40	42.61	20.15	1.02	32.3	-	-	P	V
		51.34	33.24	-6.76	40	50.6	13.67	1.26	32.29	-	-	P	V
		119.24	31.55	-11.95	43.5	44.39	17.49	1.94	32.27	-	-	P	V
		187.14	27	-16.5	43.5	41.93	14.83	2.47	32.23	-	-	P	V
		901.06	38.81	-7.19	46	36.04	29.02	5.28	31.53	-	-	P	V
		950.53	34.52	-11.48	46	29.69	30.57	5.46	31.2	-	-	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.												



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.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
CH 01													
2412MHz		2390	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H

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

2. Level(dBμV/m) =

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

3. 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 Wilson Wu	Temperature :	20~25°C
		Relative Humidity :	50~60%

Note symbol

-L	Low channel location
-R	High channel location



<CDD Mode>

2.4GHz 2400~2483.5MHz

WIFI 802.11b (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH01 2412MHz	
9+8	Horizontal	Fundamental
Peak	Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH16-HY Condition : PEAK_74 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH16-HY Condition : AVG_54 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto

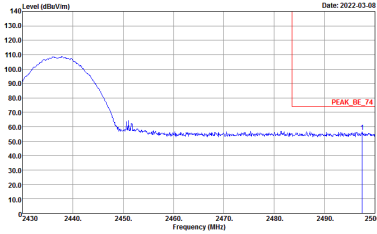
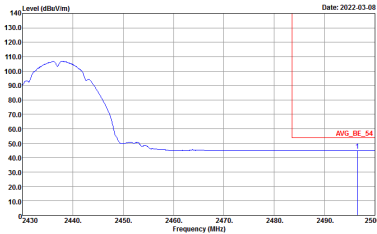


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH01 2412MHz	
9+8	Vertical	Fundamental
Peak	Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH16-HY Condition : PEAK_74 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Site : 03CH16-HY Condition : AVG_54 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto

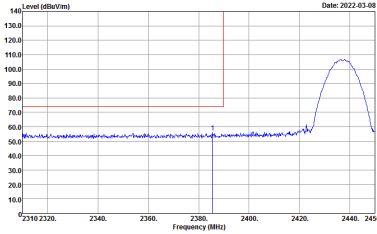
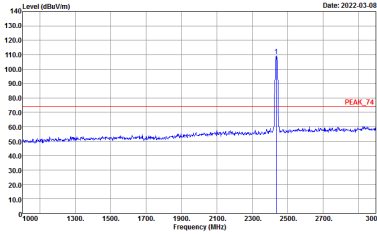
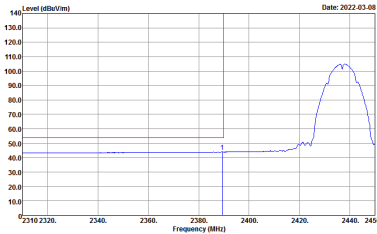
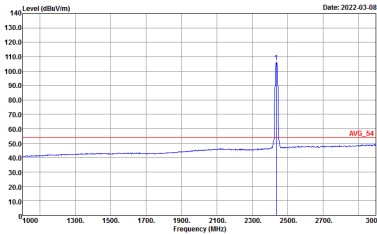


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - L	
9+8	Horizontal	Fundamental
Peak	Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH16-HY Condition : PEAK_74 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Site : 03CH16-HY Condition : AVG_54 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto

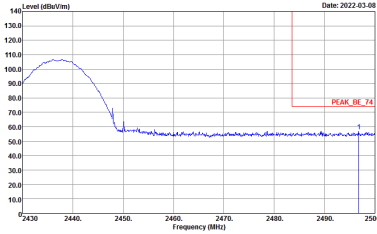
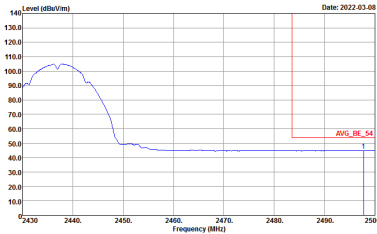


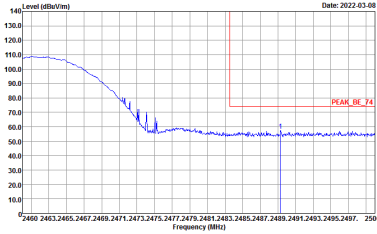
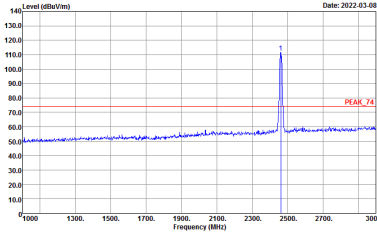
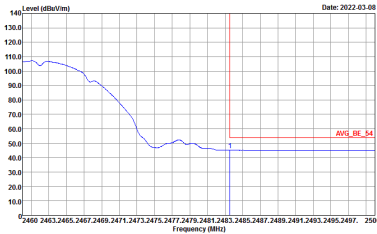
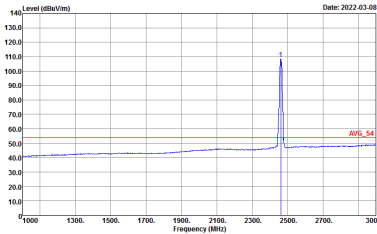
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
9+8	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

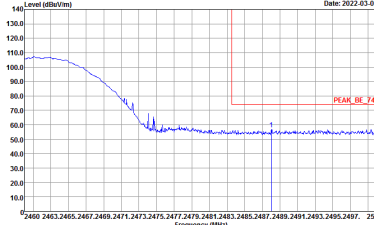
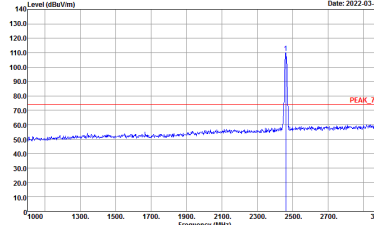
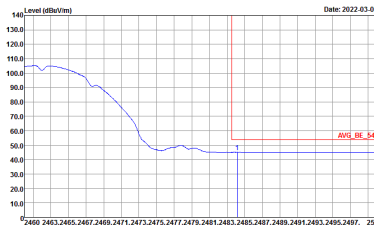
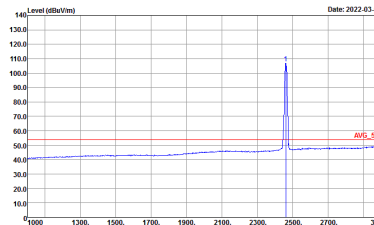


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - L	
9+8	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK_74 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH16-HY Condition : AVG_54 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto

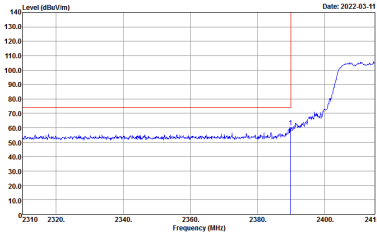
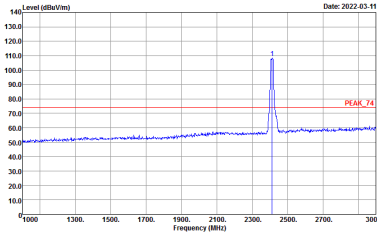
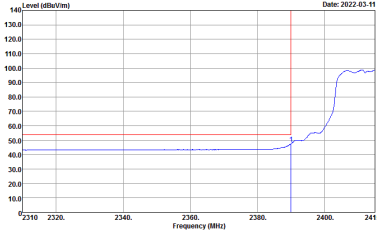
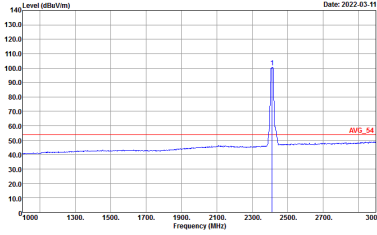


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
9+8	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH11 2462MHz	
9+8	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK_74 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH16-HY Condition : AVG_54 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH11 2462MHz	
9+8	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK_74 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH16-HY Condition : AVG_54 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto

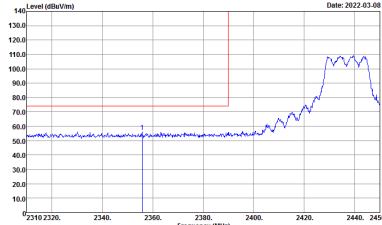
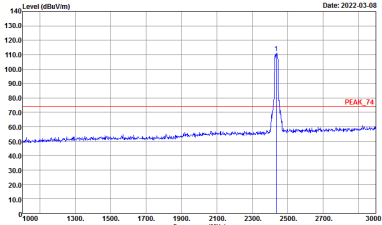
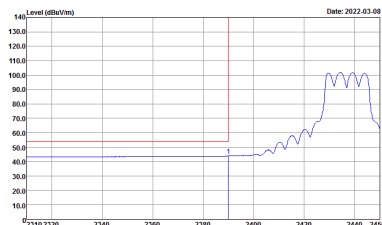
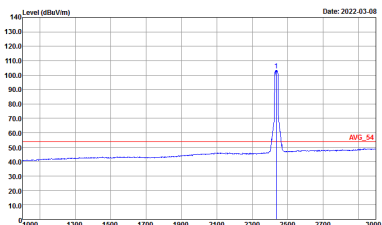
2.4GHz 2400~2483.5MHz
WIFI 802.11g (Band Edge @ 3m)

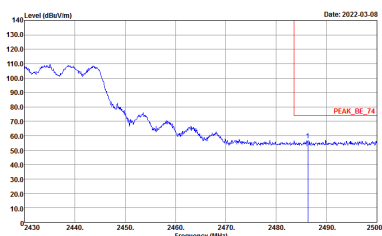
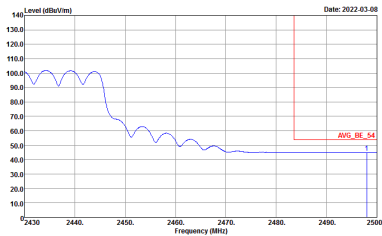
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH01 2412MHz	
9+8	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK_74 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : AVG_54 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto



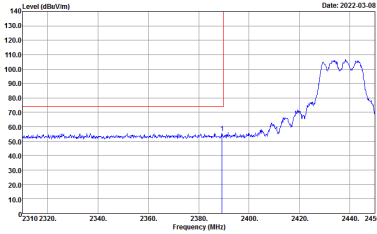
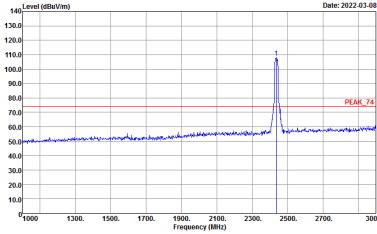
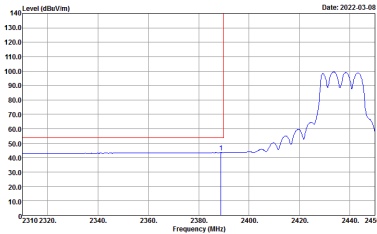
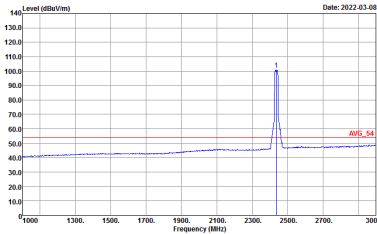
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH01 2412MHz	
9+8	Vertical	Fundamental
Peak	Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH16-HY Condition : PEAK_74 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Site : 03CH16-HY Condition : AVG_54 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto



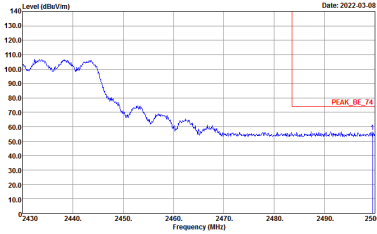
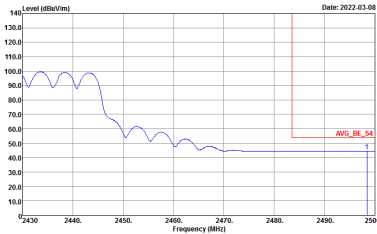
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - L	
9+8	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK_74 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH16-HY Condition : AVG_54 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto

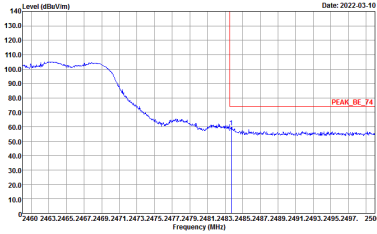
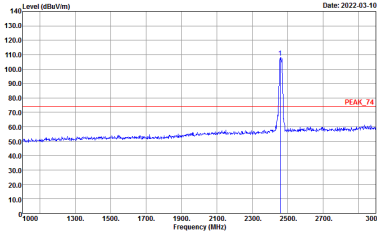
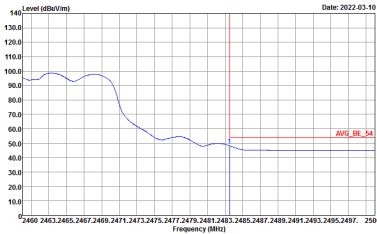
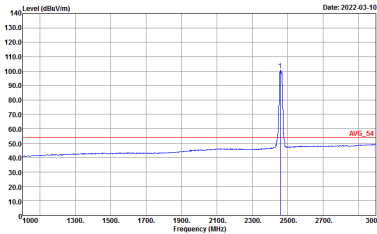
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
9+8	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank



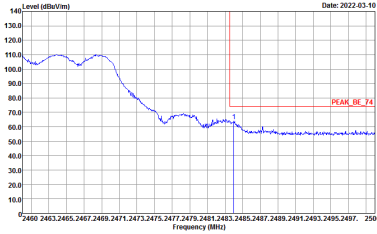
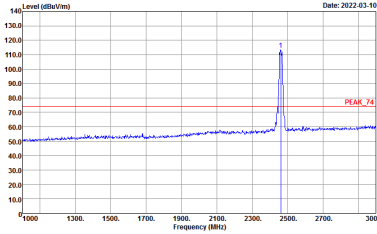
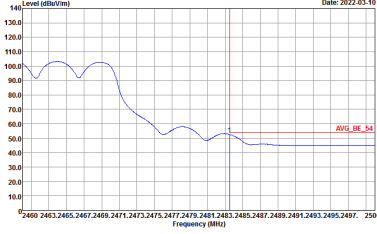
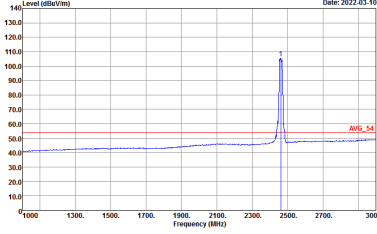
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - L	
9+8	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK_74 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH16-HY Condition : AVG_54 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto



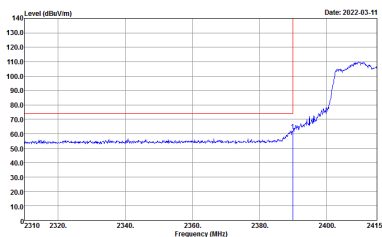
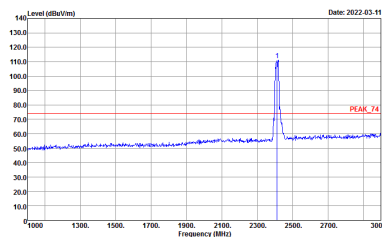
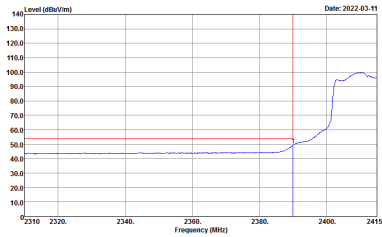
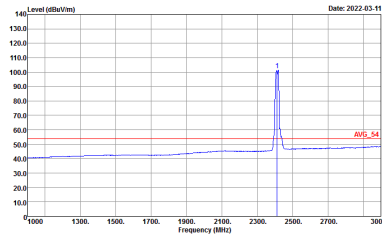
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
9+8	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Date: 2022-03-08	Left Blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Date: 2022-03-08	Left Blank

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH11 2462MHz	
9+8	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK_74 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH16-HY Condition : AVG_54 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto
Avg.		

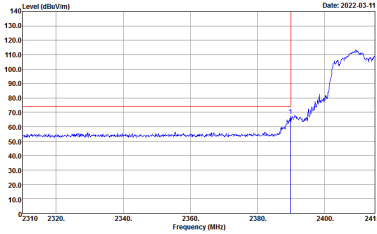
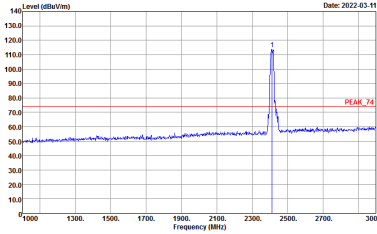
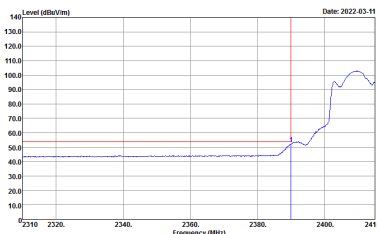
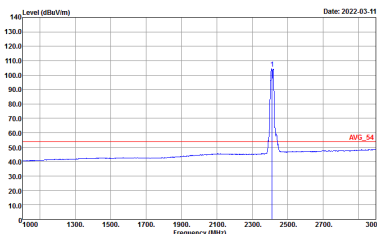


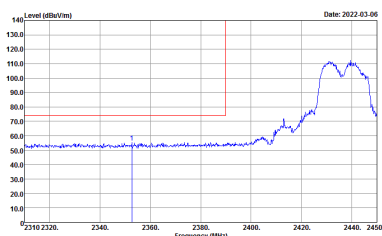
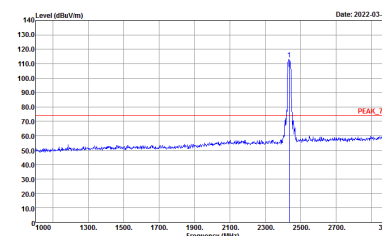
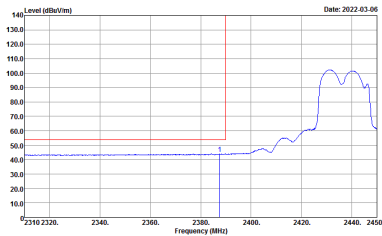
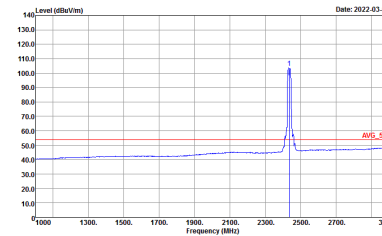
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH11 2462MHz	
9+8	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK_74 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH16-HY Condition : AVG_54 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto

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

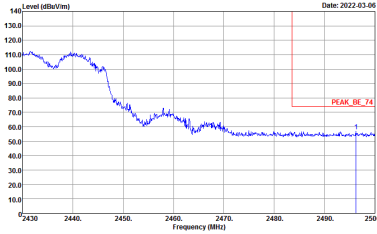
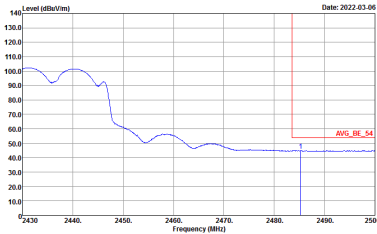
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH01 2412MHz	
9+8	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK_74 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:0.300KHz SWT:Auto	 Site : 03CH16-HY Condition : AVG_54 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:0.300KHz SWT:Auto



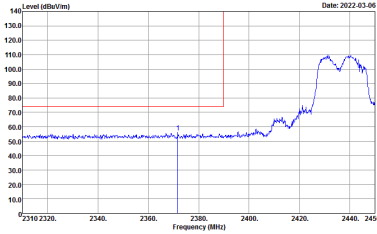
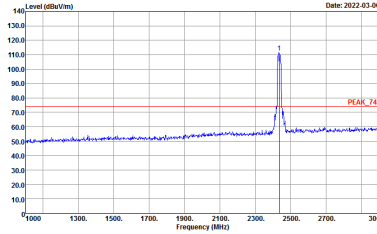
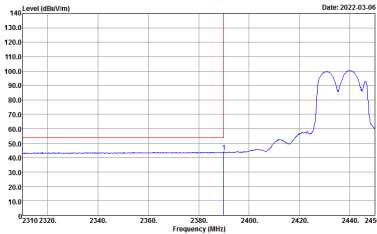
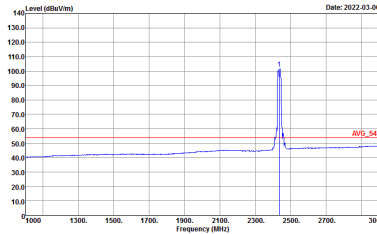
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH01 2412MHz	
9+8	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK_74 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : AVG_54 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH06 2437MHz - L	
9+8	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK_74 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : AVG_54 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto

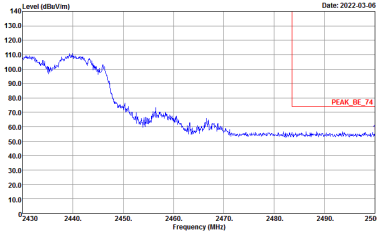
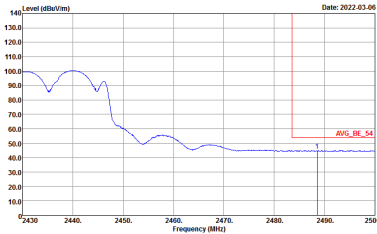


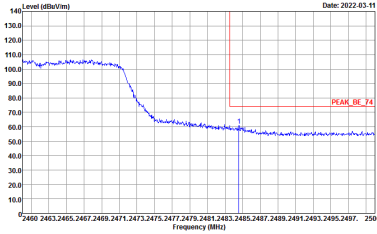
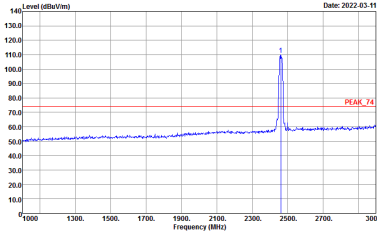
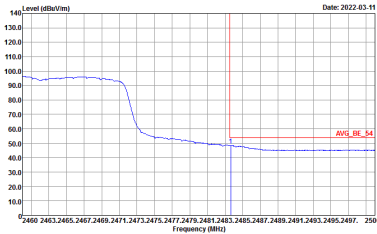
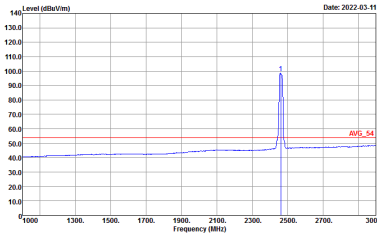
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH06 2437MHz - R	
9+8	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank



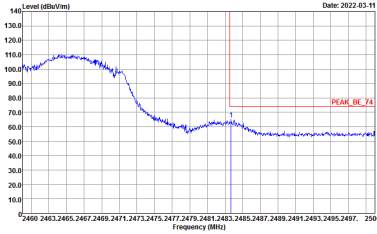
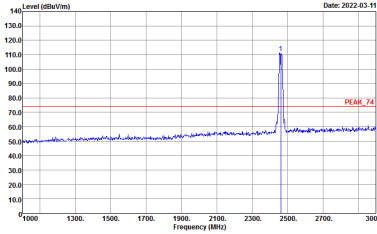
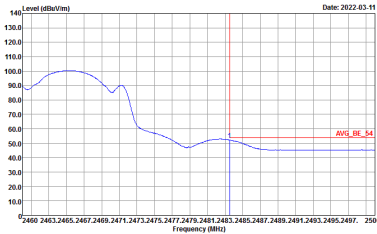
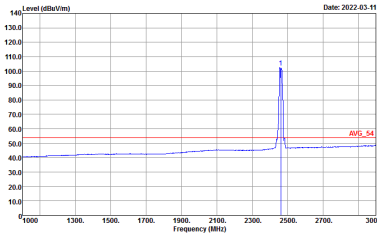
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH06 2437MHz - L	
9+8	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK_74 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : AVG_54 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto



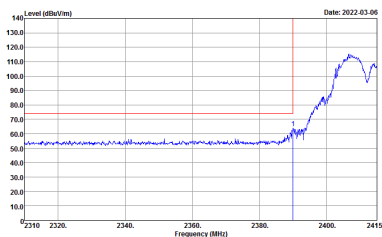
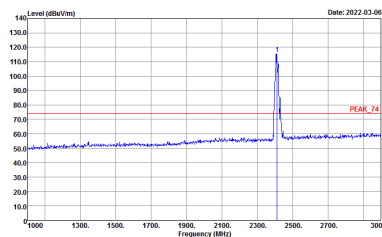
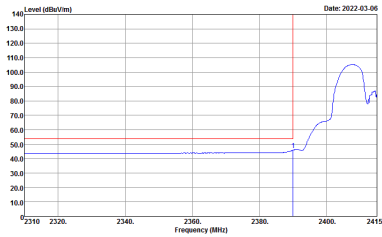
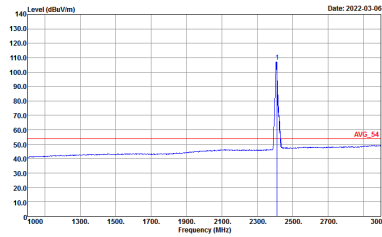
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH06 2437MHz - R	
9+8	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH11 2462MHz	
9+8	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK_74 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : AVG_54 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH11 2462MHz	
9+8	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK_74 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : AVG_54 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto

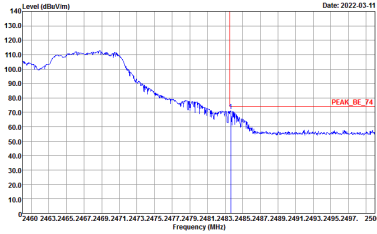
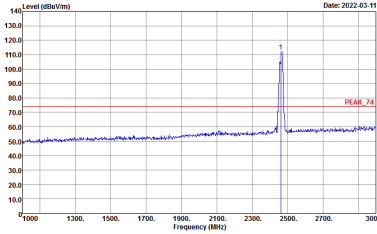
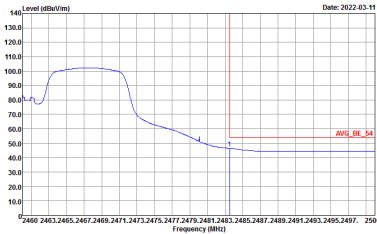
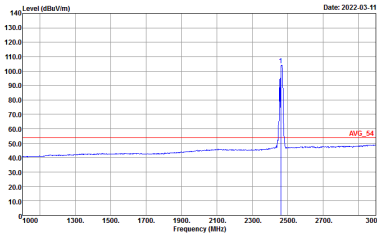
2.4GHz 2400~2483.5MHz
WIFI 802.11ax HE20 Partial 106 (Band Edge @ 3m)

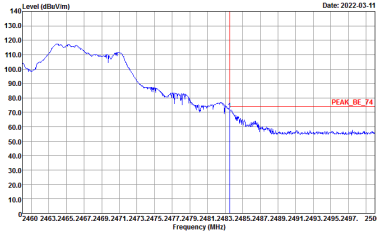
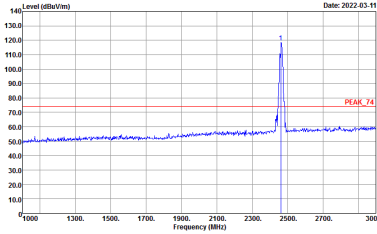
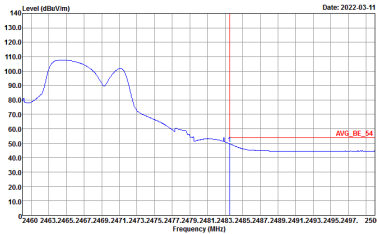
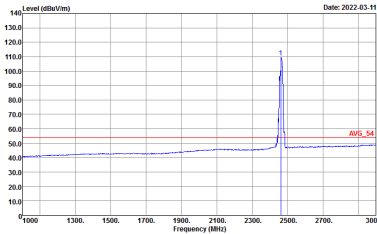
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/53 CH01 2412MHz	
9+8	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK_74 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : AVG_54 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/53 CH01 2412MHz	
9+8	Vertical	Fundamental
Peak	Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH16-HY Condition : PEAK_74 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Site : 03CH16-HY Condition : AVG_54 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto



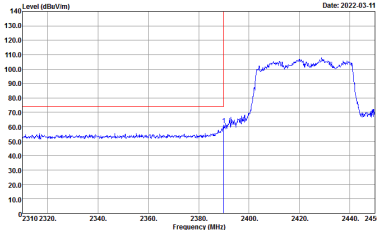
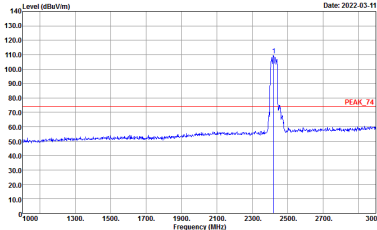
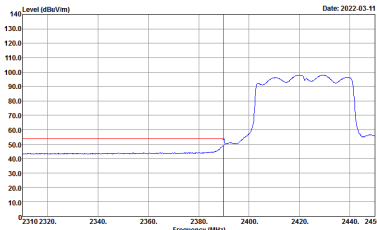
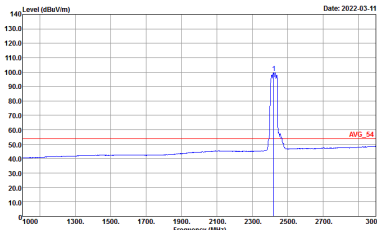
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/54 CH11 2462MHz	
9+8	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK_F4 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH16-HY Condition : AVG_F4 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/54 CH11 2462MHz	
9+8	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK_74 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH16-HY Condition : AVG_54 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto

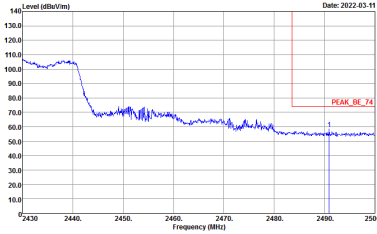
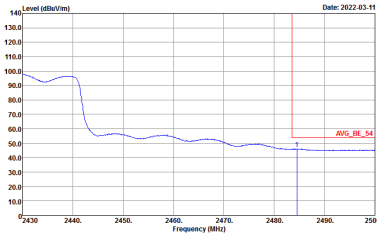


2.4GHz 2400~2483.5MHz

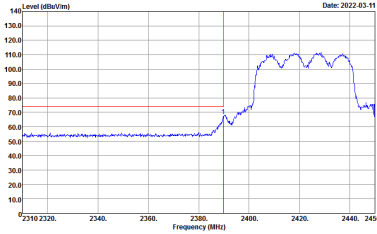
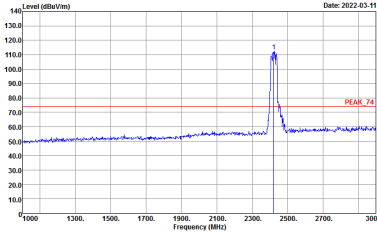
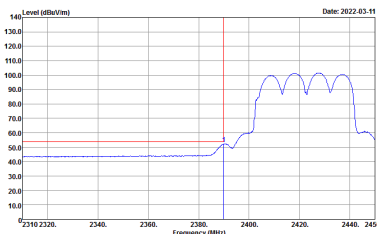
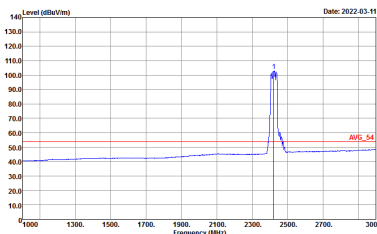
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

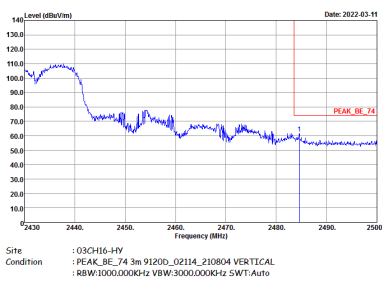
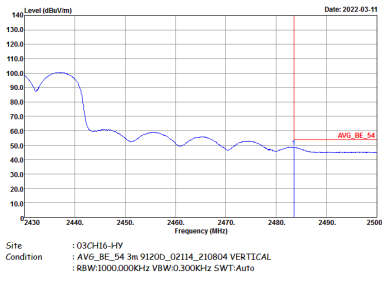
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH03 2422MHz - L	
9+8	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK_74 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto	 Site : 03CH16-HY Condition : AVG_54 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto



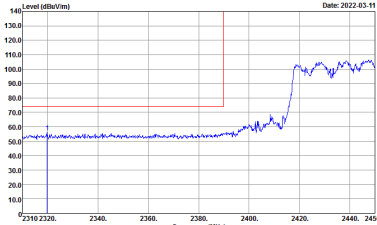
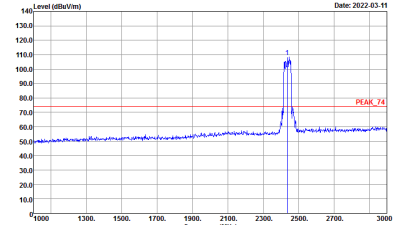
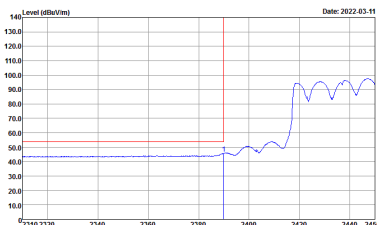
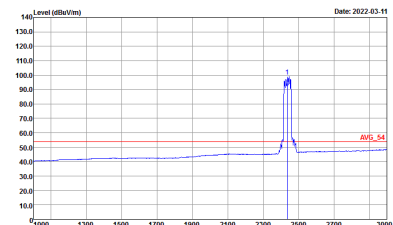
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH03 2422MHz - R	
9+8	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

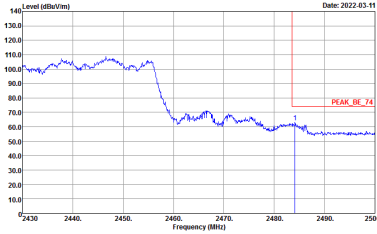
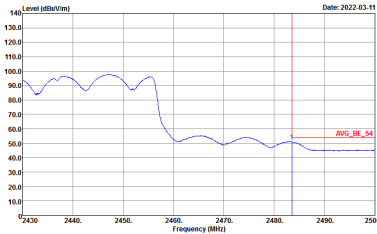


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH03 2422MHz - L	
9+8	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK_74 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : AVG_54 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto

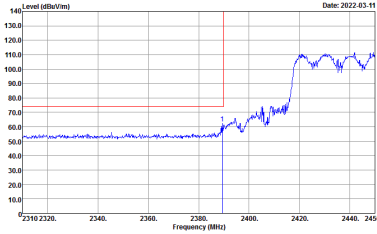
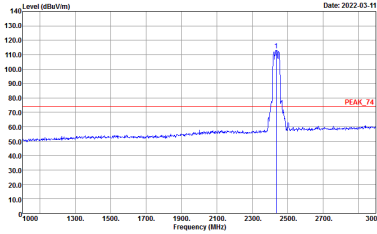
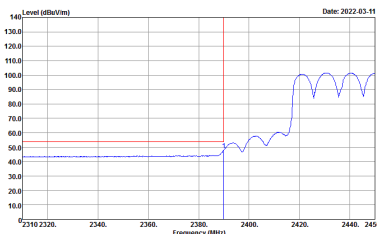
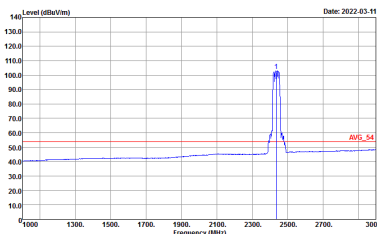
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH03 2422MHz - R	
9+8	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank



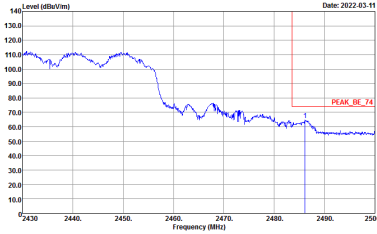
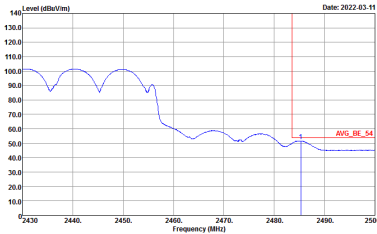
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH06 2437MHz - L	
9+8	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK_74 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : AVG_54 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto

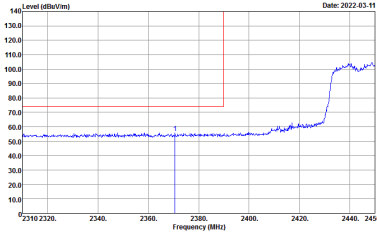
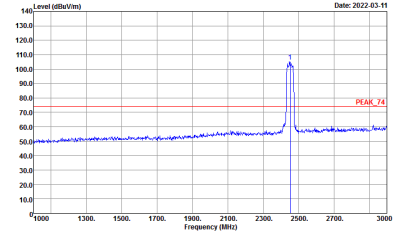
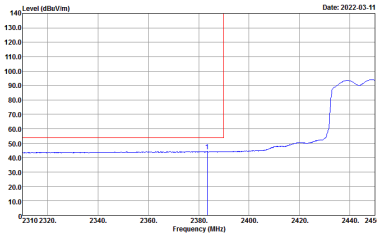
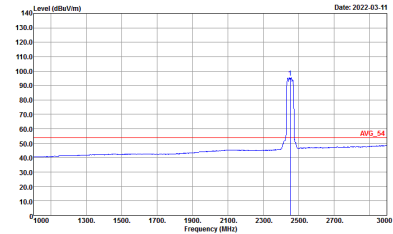
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH06 2437MHz - R	
9+8	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank



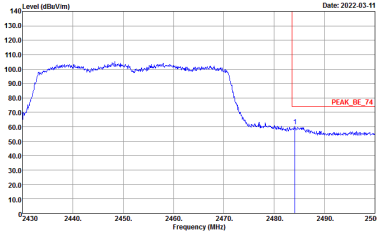
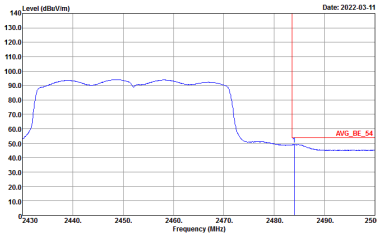
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH06 2437MHz - L	
9+8	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK_74 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : AVG_54 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto

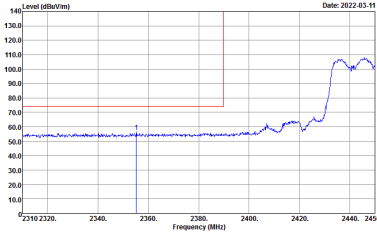
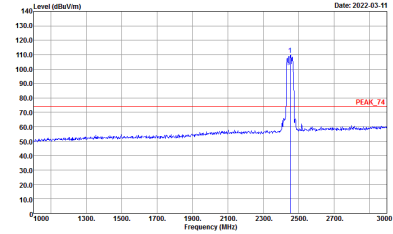
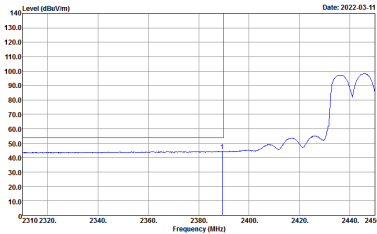
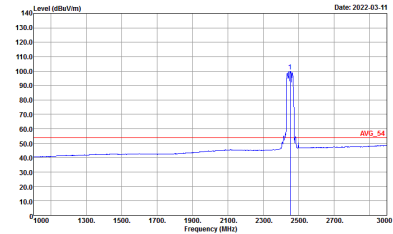


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH06 2437MHz - R	
9+8	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

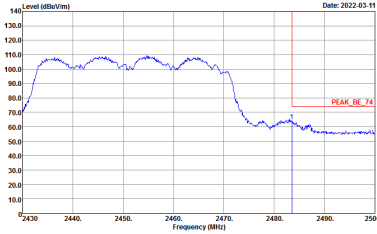
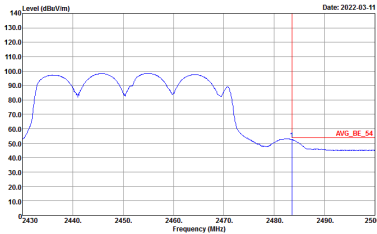
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH09 2452MHz - L	
9+8	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK_74 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : AVG_54 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto



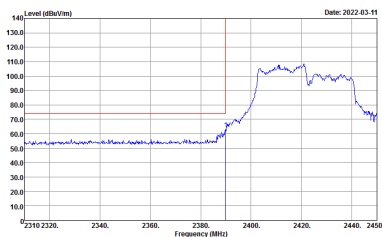
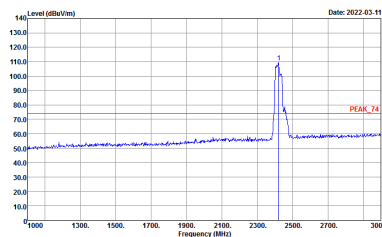
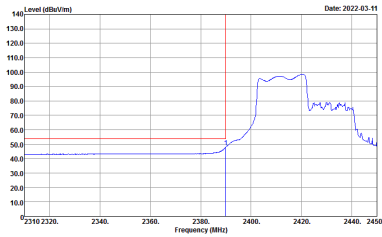
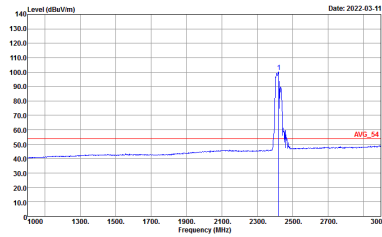
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH09 2452MHz - R	
9+8	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH09 2452MHz - L	
9+8	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK_74 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : AVG_54 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto

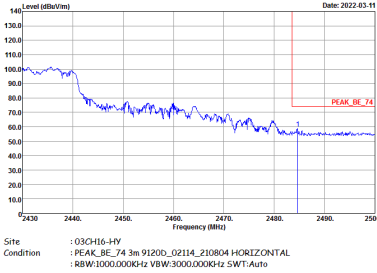
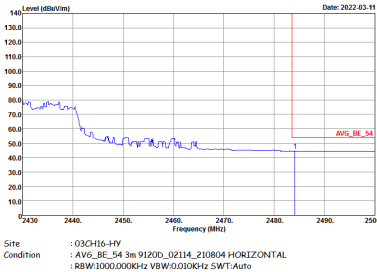


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH09 2452MHz - R	
9+8	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

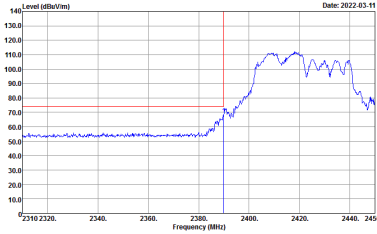
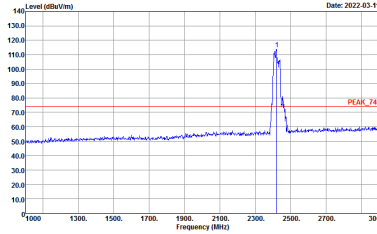
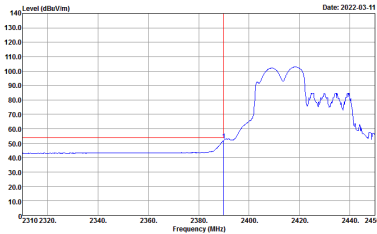
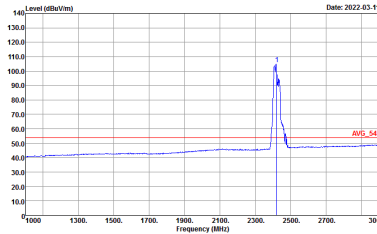
2.4GHz 2400~2483.5MHz
WIFI 802.11ax HE40 Partial 242 (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/61 CH03 2422MHz - L	
9+8	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK_74 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : AVG_54 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.		

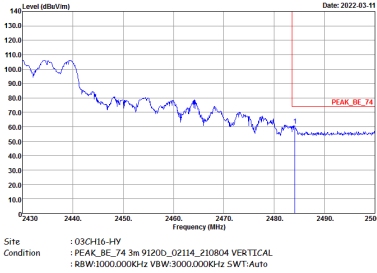
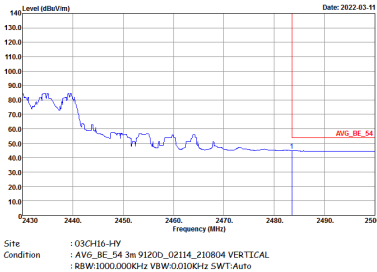


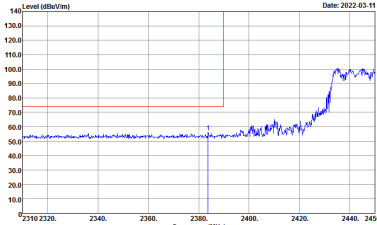
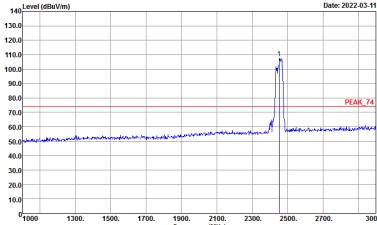
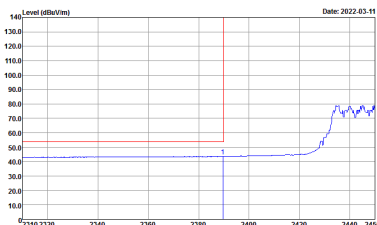
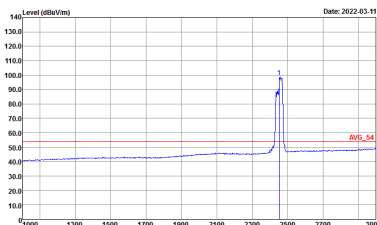
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/61 CH03 2422MHz - R	
9+8	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

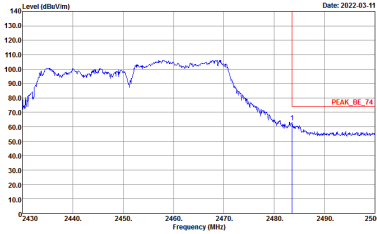
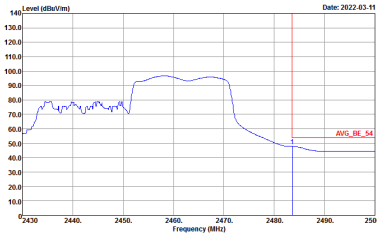


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/61 CH03 2422MHz - L	
9+8	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK_74 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH16-HY Condition : AVG_54 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto

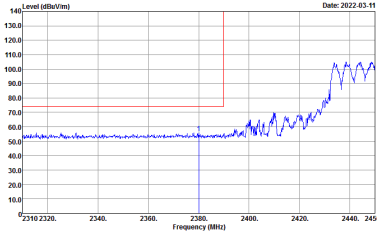
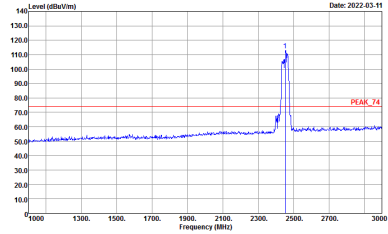
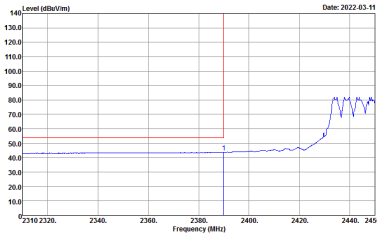
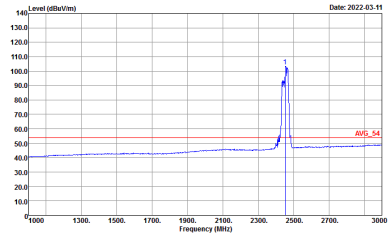


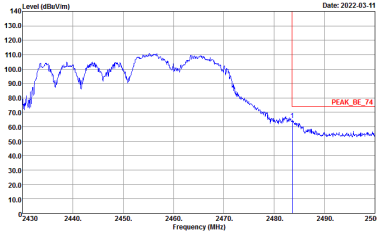
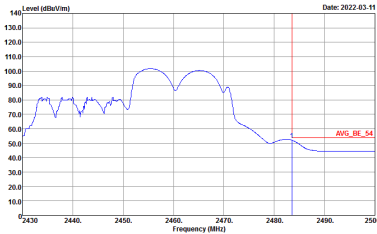
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/61 CH03 2422MHz - R	
9+8	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/62 CH09 2452MHz - L	
9+8	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK_74 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH16-HY Condition : AVG_54 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto

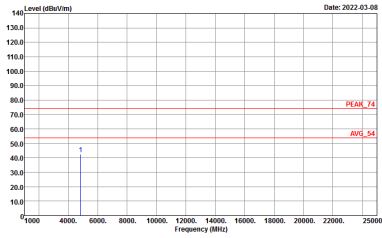
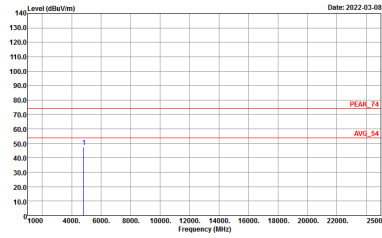
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/62 CH09 2452MHz - R	
9+8	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank



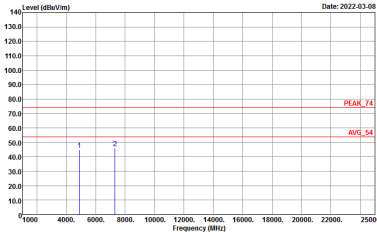
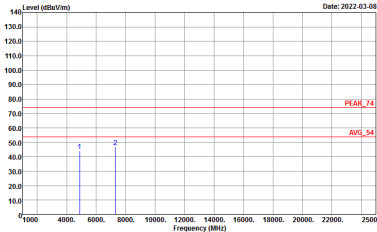
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/62 CH09 2452MHz - L	
9+8	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK_74 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH16-HY Condition : AVG_54 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/62 CH09 2452MHz - R	
9+8	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

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

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH01 2412MHz	
9+8	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_02114_210804 HORIZONTAL	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_02114_210804 VERTICAL

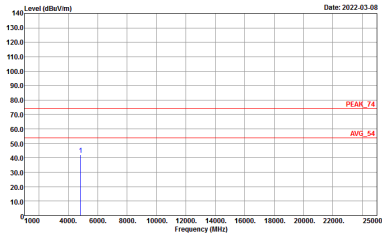
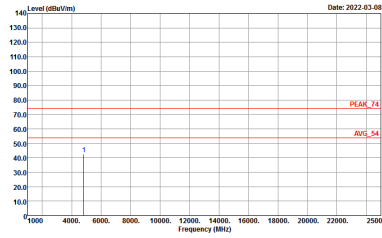


WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH06 2437MHz	
9+8	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK_74 3m 91200_02114_210804 HORIZONTAL	 Site : 03CH16-HY Condition : PEAK_74 3m 91200_02114_210804 VERTICAL



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH11 2462MHz	
9+8	Horizontal	Vertical
Peak Avg.	Site : 03CH16-HY Condition : PEAK_74 3m 91200_02114_210804 HORIZONTAL	Site : 03CH16-HY Condition : PEAK_74 3m 91200_02114_210804 VERTICAL

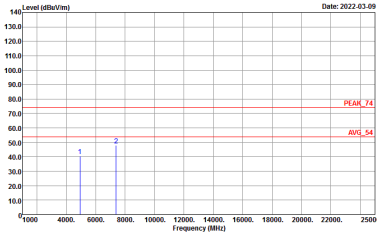
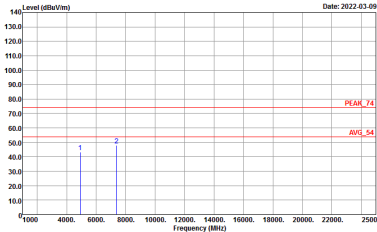
2.4GHz 2400~2483.5MHz
WIFI 802.11g (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH01 2412MHz	
9+8	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_02114_210804 HORIZONTAL	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_02114_210804 VERTICAL

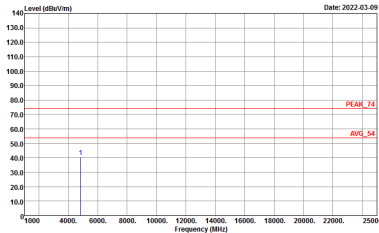
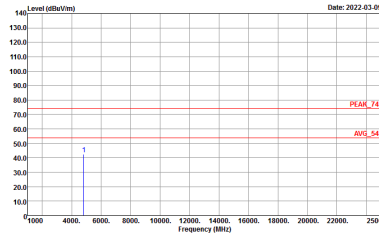


WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH06 2437MHz	
9+8	Horizontal	Vertical
Peak Avg.	Site : 03CH16-HY Condition : PEAK_74 3m 91200_02114_210804 HORIZONTAL	Site : 03CH16-HY Condition : PEAK_74 3m 91200_02114_210804 VERTICAL

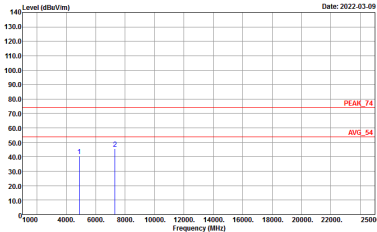
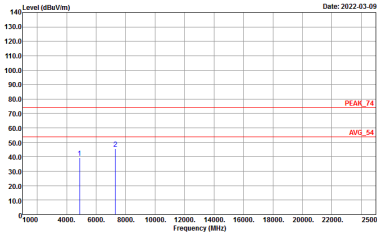


WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH11 2462MHz	
9+8	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK_74 3m 91200_02114_210804 HORIZONTAL	 Site : 03CH16-HY Condition : PEAK_74 3m 91200_02114_210804 VERTICAL

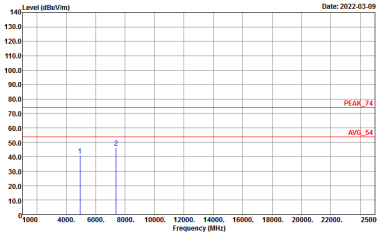
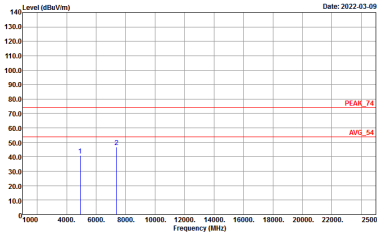
2.4GHz 2400~2483.5MHz
WIFI 802.11 ax HE20 Full (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE20 Full CH01 2412MHz	
9+8	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_02114_210804 HORIZONTAL	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_02114_210804 VERTICAL

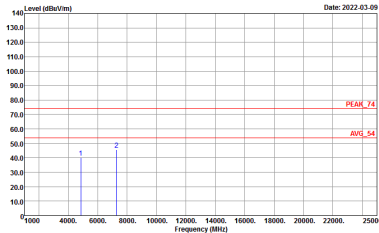
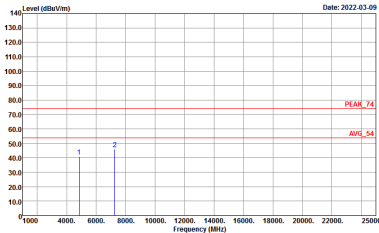


WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE20 Full CH06 2437MHz	
9+8	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK_74 3m 91200_02114_210804 HORIZONTAL	 Site : 03CH16-HY Condition : PEAK_74 3m 91200_02114_210804 VERTICAL

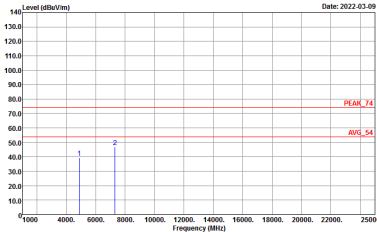
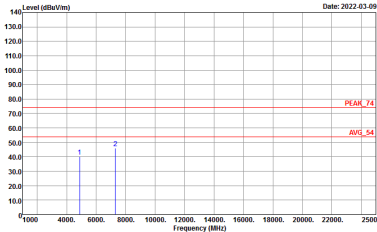


WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE20 Full CH11 2462MHz	
9+8	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK_74 3m 91200_02114_210804 HORIZONTAL	 Site : 03CH16-HY Condition : PEAK_74 3m 91200_02114_210804 VERTICAL

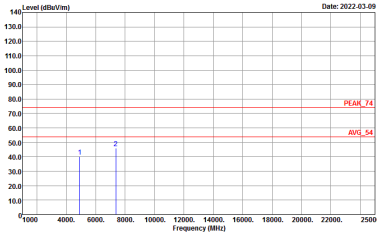
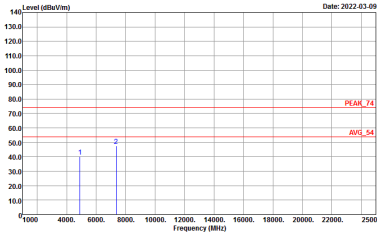
2.4GHz 2400~2483.5MHz
WIFI 802.11 ax HE40 Full (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE40 Full CH03 2422MHz	
9+8	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_02114_210804 HORIZONTAL	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_02114_210804 VERTICAL

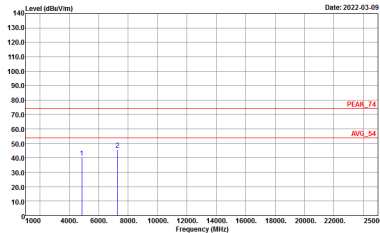
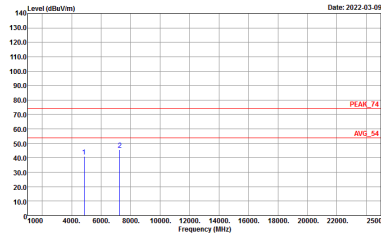


WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE40 Full CH06 2437MHz	
9+8	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK_74 3m 91200_02114_210804 HORIZONTAL	 Site : 03CH16-HY Condition : PEAK_74 3m 91200_02114_210804 VERTICAL



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE40 Full CH09 2452MHz	
9+8	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK_74 3m 91200_02114_210804 HORIZONTAL	 Site : 03CH16-HY Condition : PEAK_74 3m 91200_02114_210804 VERTICAL

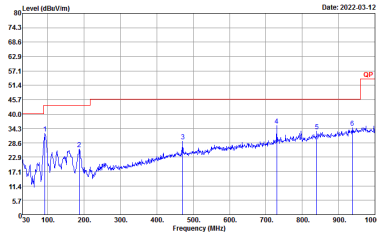
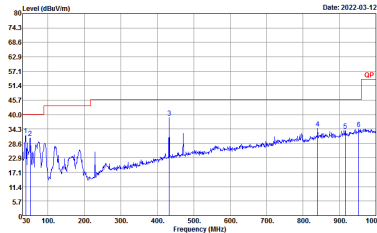
2.4GHz 2400~2483.5MHz
WIFI 802.11ax HE40 Partial 242 (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11ax HE40 Partial 242/61 CH03 2422MHz	
9+8	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_02114_210804 HORIZONTAL	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_02114_210804 VERTICAL



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11ax HE40 Partial 242/62 CH09 2452MHz	
9+8	Horizontal	Vertical
Peak Avg.	Site : 03CH16-HY Condition : PEAK_74 3m 91200_02114_210804 HORIZONTAL	Site : 03CH16-HY Condition : PEAK_74 3m 91200_02114_210804 VERTICAL

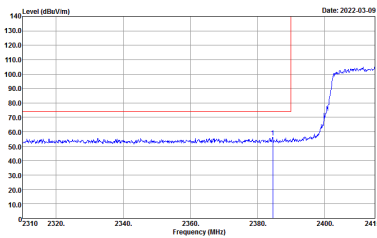
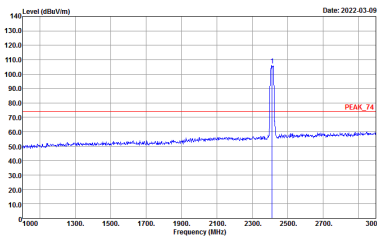
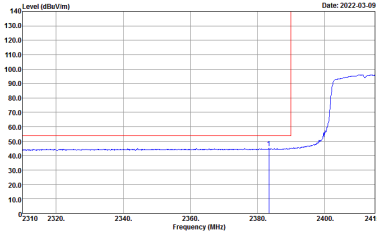
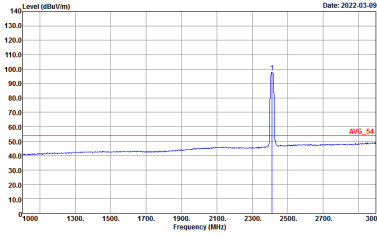
Emission below 1GHz
2.4GHz WIFI 802.11ax HE40 Full (LF)

WIFI	2.4GHz 2400~2483.5MHz	
ANT	802.11ax HE40 Full LF	
9+8	Horizontal	Vertical
QP / Peak	 Site : 03CH16-HY Condition : QP 3m BIL06_47020_211009 HORIZONTAL	 Site : 03CH16-HY Condition : QP 3m BIL06_47020_211009 VERTICAL

<TXBF Mode>

2.4GHz 2400~2483.5MHz

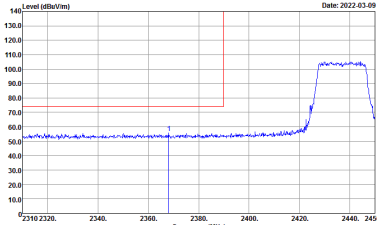
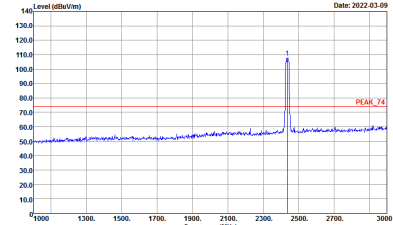
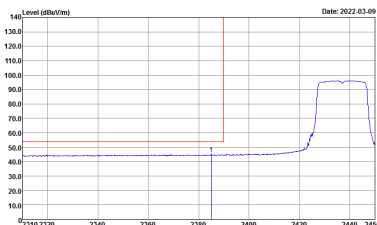
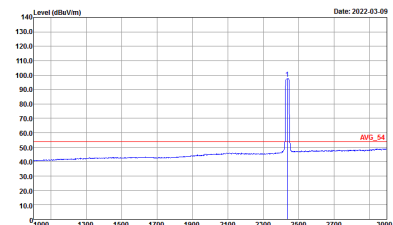
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH01 2412MHz	
9+8	Horizontal	Fundamental
Peak	 Site Condition : 03CH16-HY : PEAK_BE_74 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site Condition : 03CH16-HY : PEAK_74 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site Condition : 03CH16-HY : AVG_BE_54 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site Condition : 03CH16-HY : AVG_54 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto
Avg.		

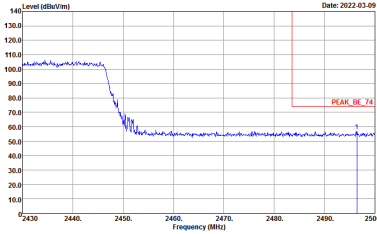
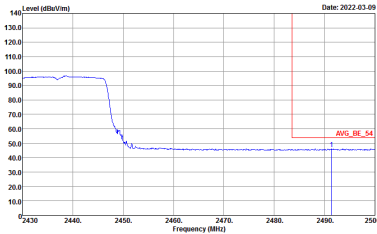


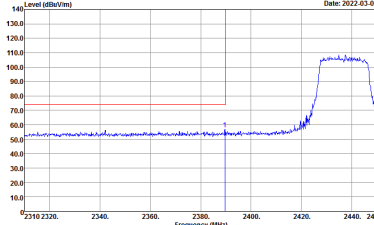
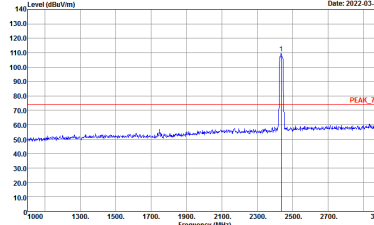
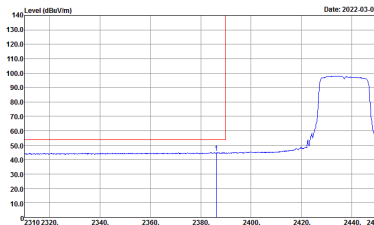
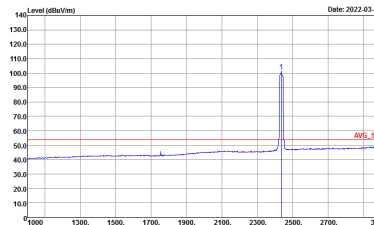
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH01 2412MHz	
9+8	Vertical	Fundamental
Peak	Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH16-HY Condition : PEAK_74 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	Site : 03CH16-HY Condition : AVG_54 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto



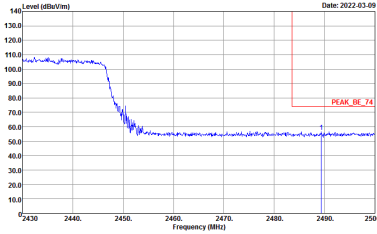
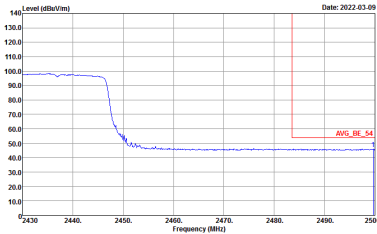
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH06 2437MHz - L	
9+8	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK_74 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH16-HY Condition : AVG_54 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto



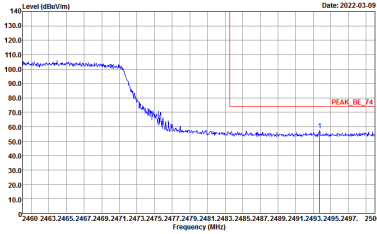
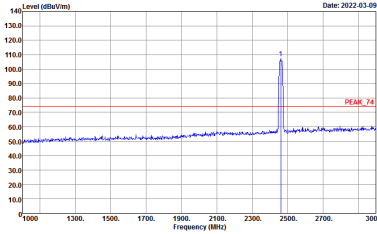
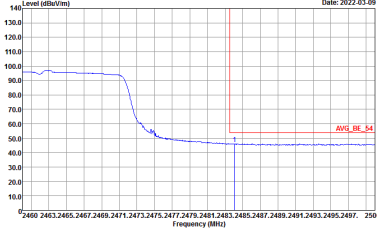
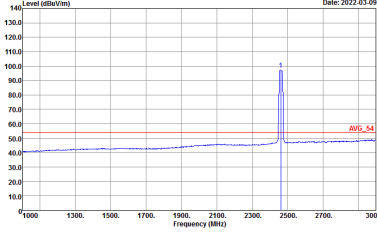
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH06 2437MHz - R	
9+8	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH06 2437MHz - L	
9+8	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK_74 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH16-HY Condition : AVG_54 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH06 2437MHz - R	
9+8	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH11 2462MHz	
9+8	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK_74 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH16-HY Condition : AVG_54 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto

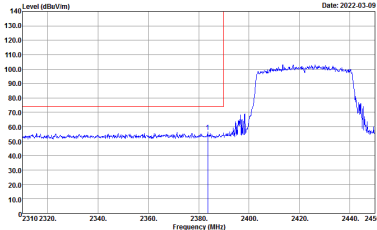
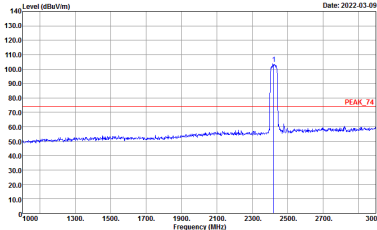
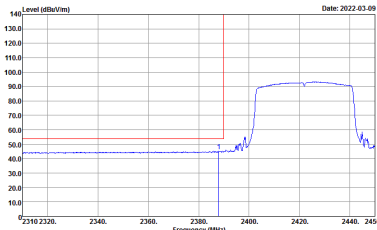
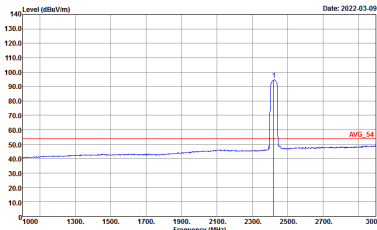


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH11 2462MHz	
9+8	Vertical	Fundamental
Peak	Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH16-HY Condition : PEAK_74 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	Site : 03CH16-HY Condition : AVG_54 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto

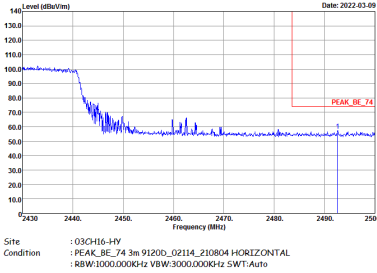
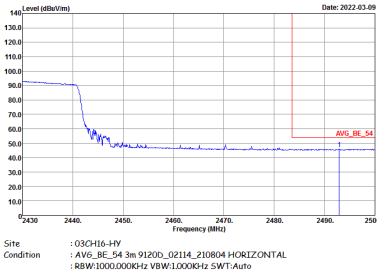


2.4GHz 2400~2483.5MHz

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

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH03 2422MHz - L	
9+8	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK_74 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH16-HY Condition : AVG_54 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH03 2422MHz - R	
9+8	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank