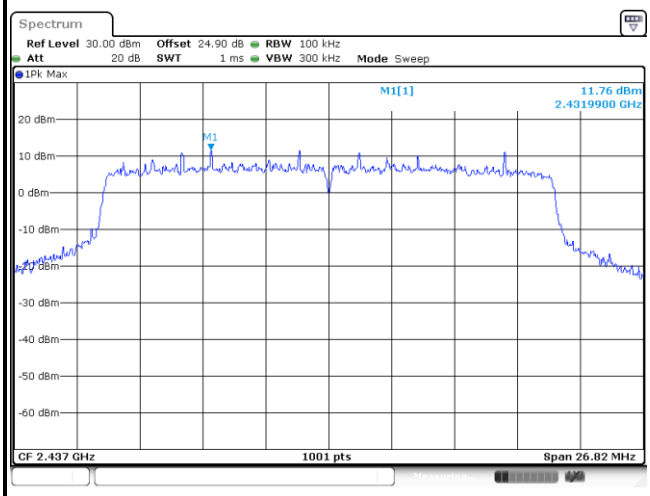
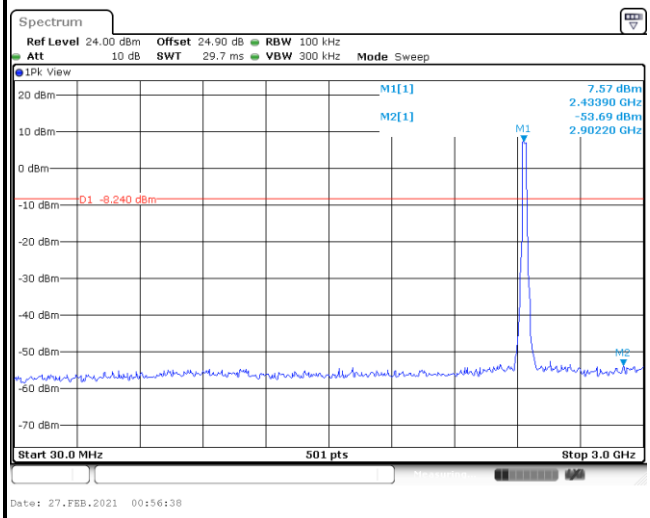
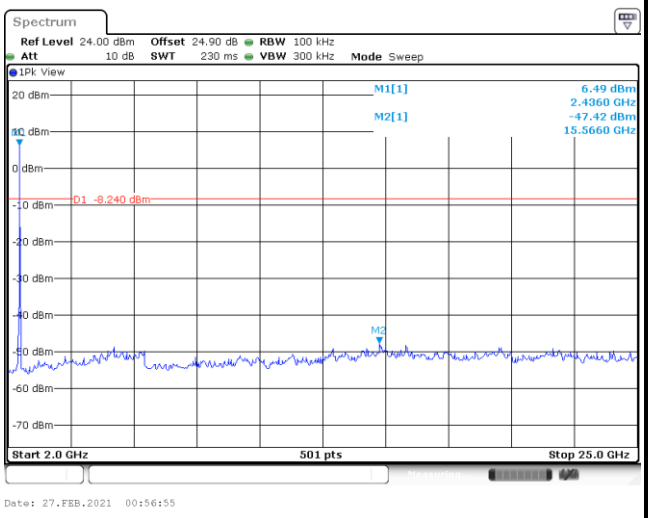
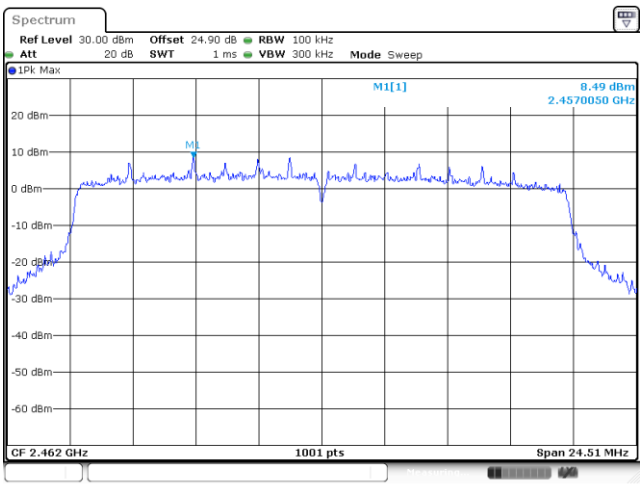
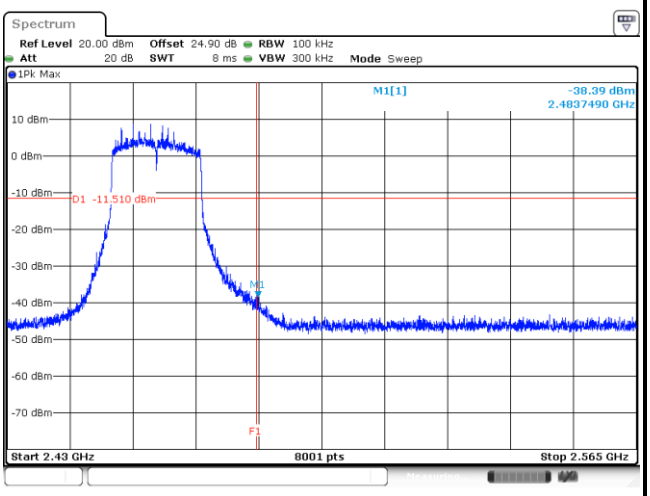
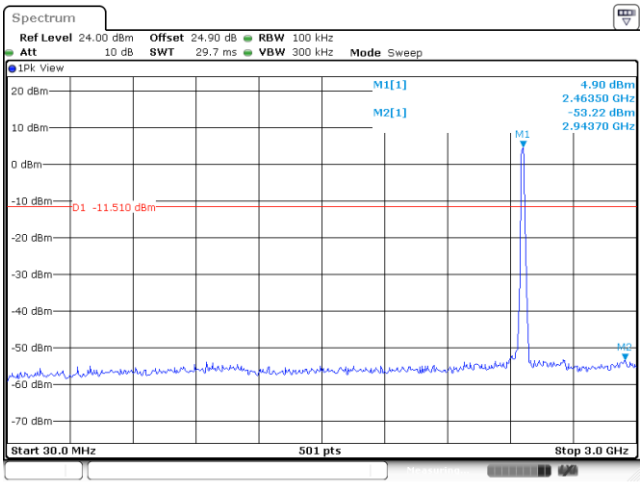
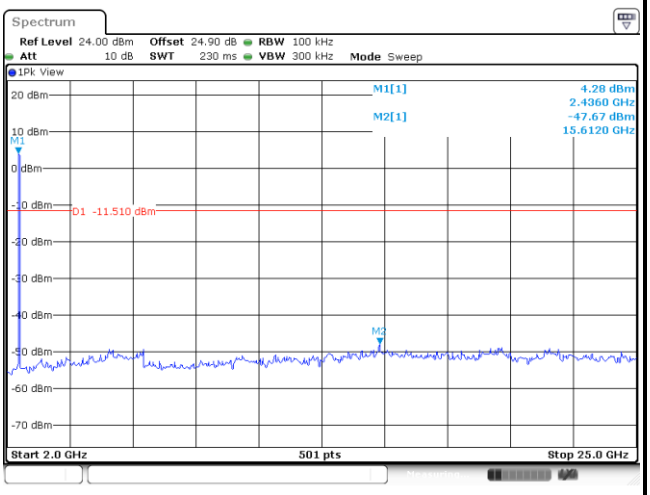
Test Mode :	802.11ax HE20	Test Channel :	06

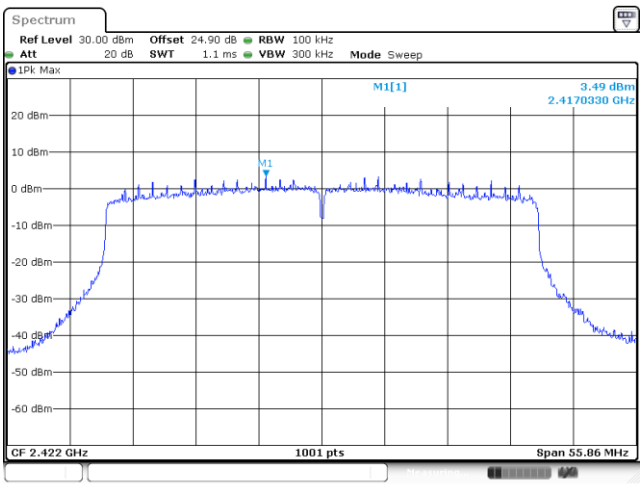
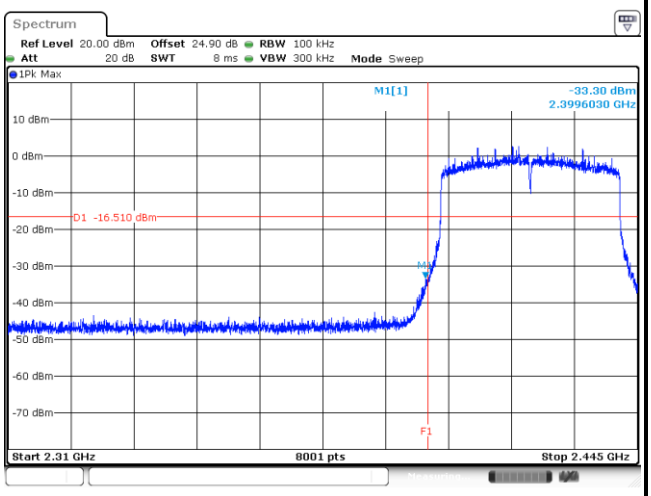
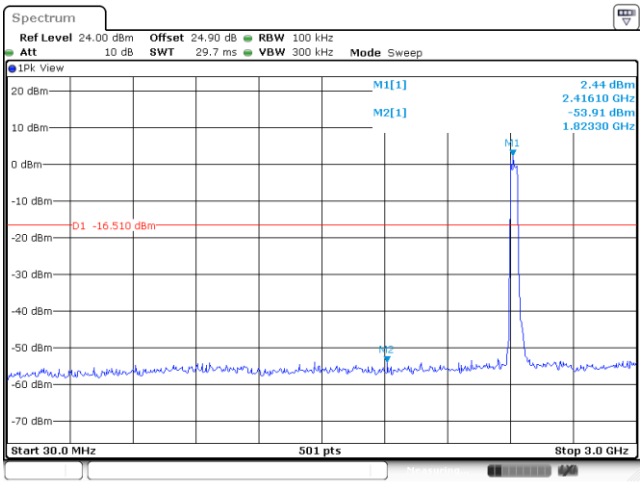
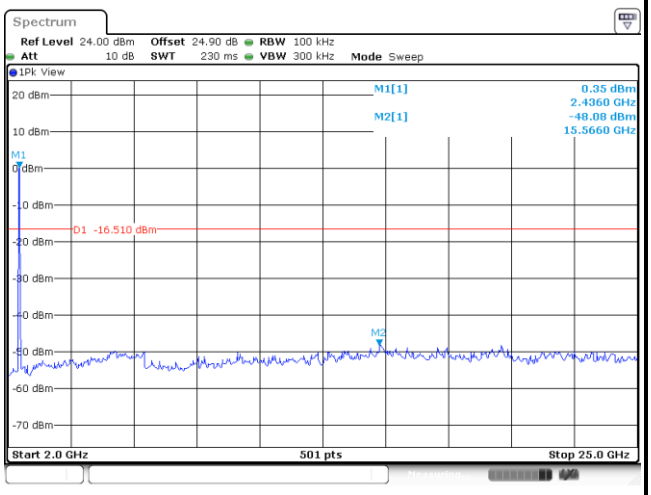
100kHz PSD reference Level	Channel Plot
	

Spurious Emission 30MHz~3GHz	Spurious Emission 2GHz~25GHz
	

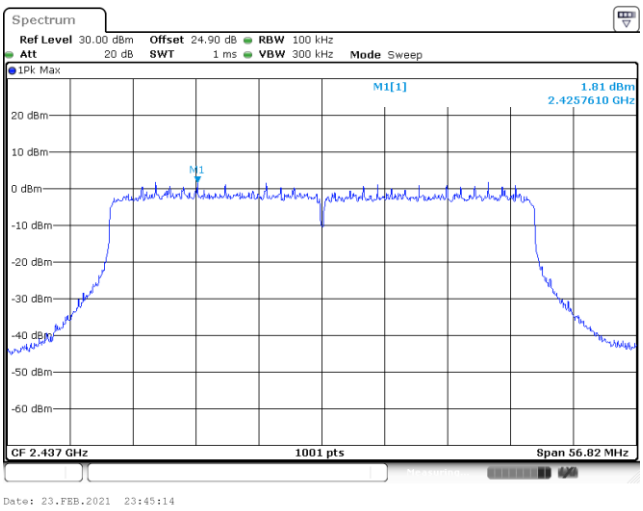
Test Mode :	802.11ax HE20	Test Channel :	11

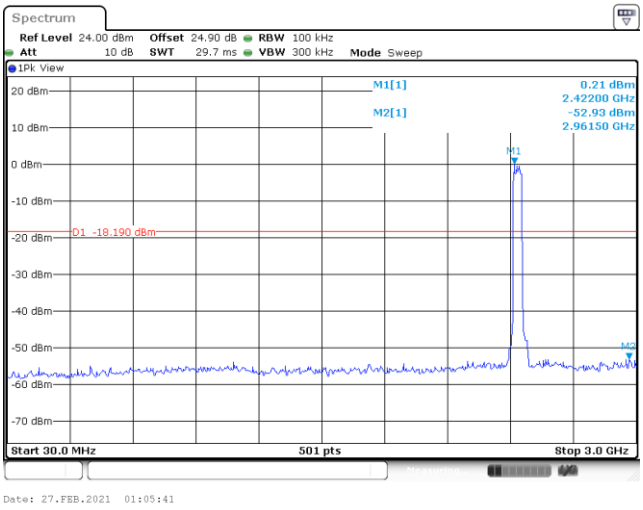
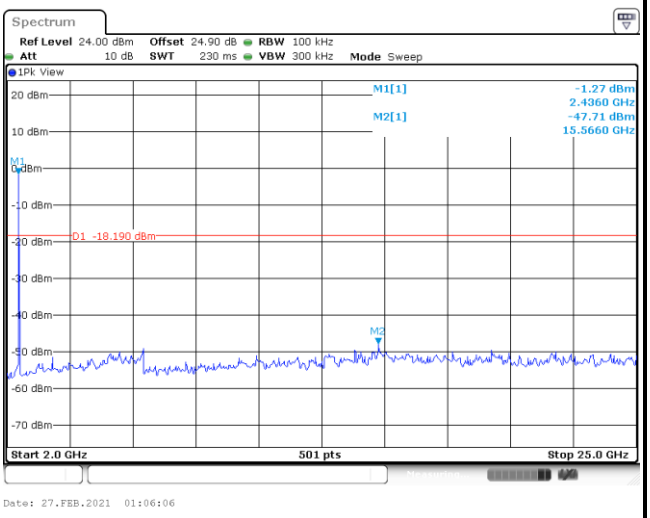
100kHz PSD reference Level	Channel Plot
	
Spurious Emission 30MHz~3GHz	**Spurious Emission 2GHz~25GHz**
	

Test Mode :	802.11ax HE40	Test Channel :	03

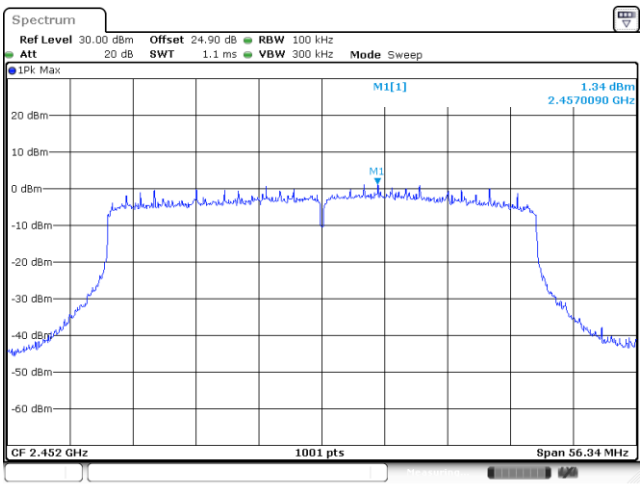
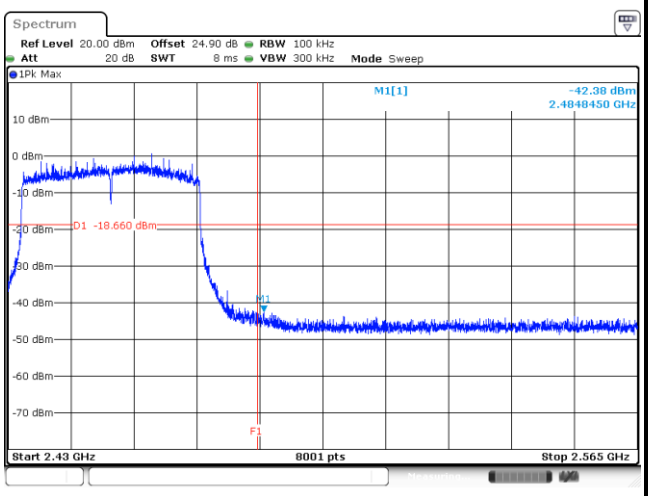
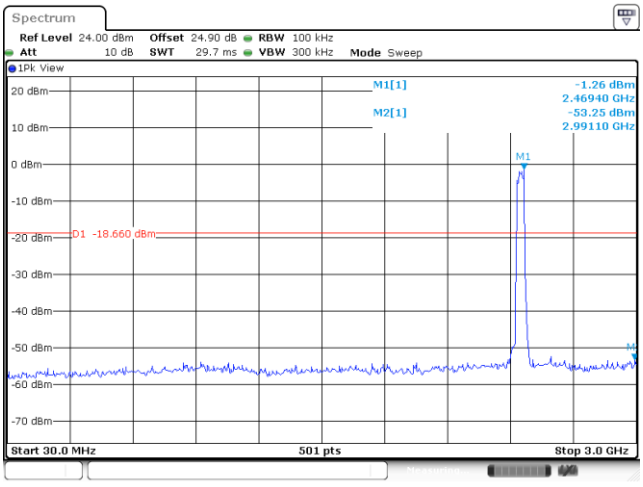
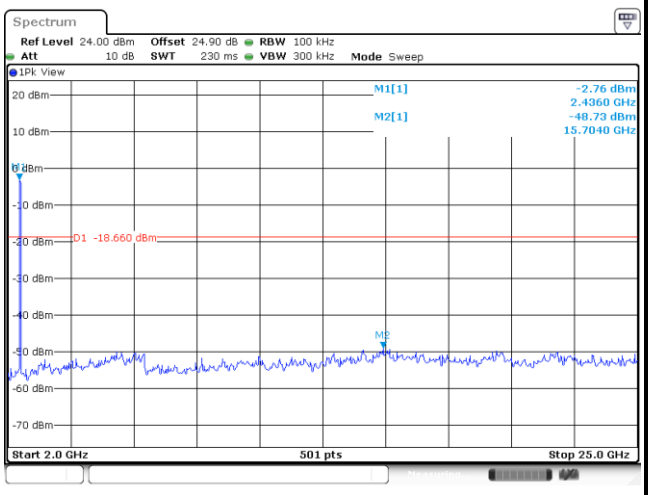
100kHz PSD reference Level	Channel Plot
	
Spurious Emission 30MHz~3GHz	**Spurious Emission 2GHz~25GHz**
	

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

100kHz PSD reference Level	Channel Plot
	
Spurious Emission 30MHz~3GHz	**Spurious Emission 2GHz~25GHz**
	

3.5 Radiated Band Edges and Spurious Emission Measurement

3.5.1 Limit of Radiated band edge and Spurious Emission Measurement

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

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

3.5.2 Measuring Instruments

See list of measuring equipment of this test report.

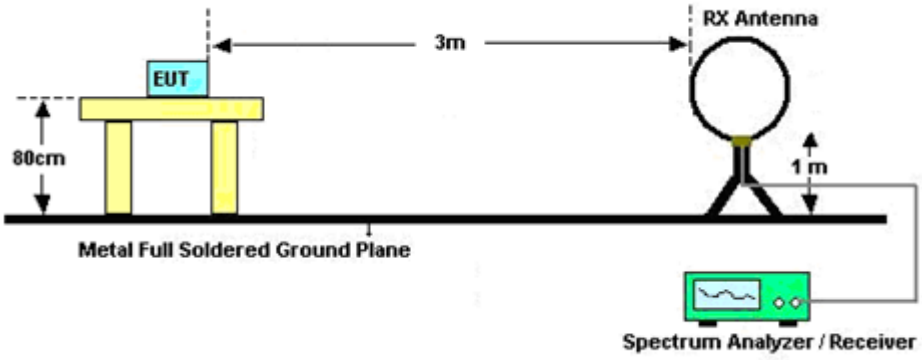
3.5.3 Test Procedures

1. The testing follows the ANSI C63.10 Section 11.12.1 Radiated emission measurements
2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level.
3. The EUT was placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
5. Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level
6. For testing below 1 GHz, if the emission level of the EUT in peak mode was 3 dB lower than the limit specified, then peak values of EUT will be reported, otherwise, the emissions will be repeated one by one using the CISPR quasi-peak method and be reported.

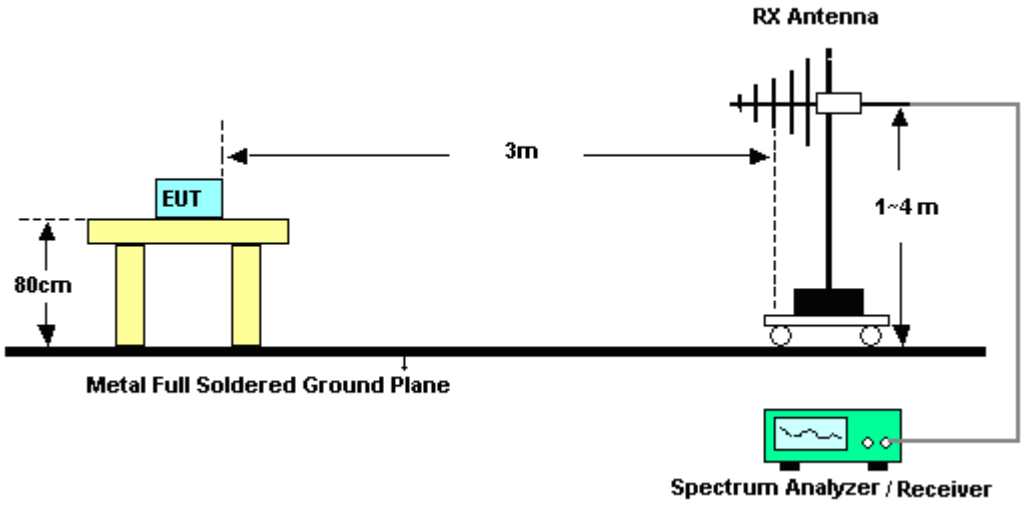
7. For testing above 1 GHz, the emission level of the EUT in peak mode was 20 dB lower than average limit (that means the emission level in average mode also complies with the limit in average mode), then peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.
8. Use the following spectrum analyzer settings:
   (1) Span shall wide enough to fully capture the emission being measured;
   (2) Set RBW=100 kHz for f < 1 GHz; VBW ≥ RBW; Sweep = auto; Detector function = peak; Trace = max hold;
   (3) Set RBW = 1 MHz, VBW = 3 MHz for f ≥ 1 GHz for peak measurement.
   For average measurement:
   - VBW = 10 Hz, when duty cycle is no less than 98 percent.
   - VBW ≥ 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.

3.5.4 Test Setup

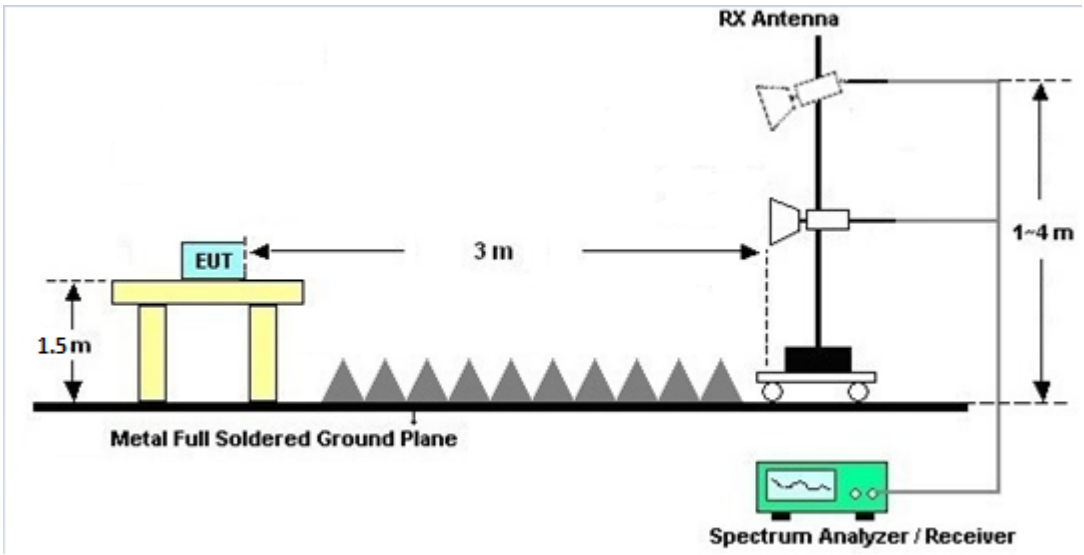
For radiated emissions below 30MHz



For radiated emissions from 30MHz to 1GHz



For radiated test above 1GHz



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

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

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

3.5.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C and D.

3.5.7 Duty Cycle

Please refer to Appendix E.

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

Please refer to Appendix C and D.

3.6 AC Conducted Emission Measurement

3.6.1 Limit of AC Conducted Emission

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

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

*Decreases with the logarithm of the frequency.

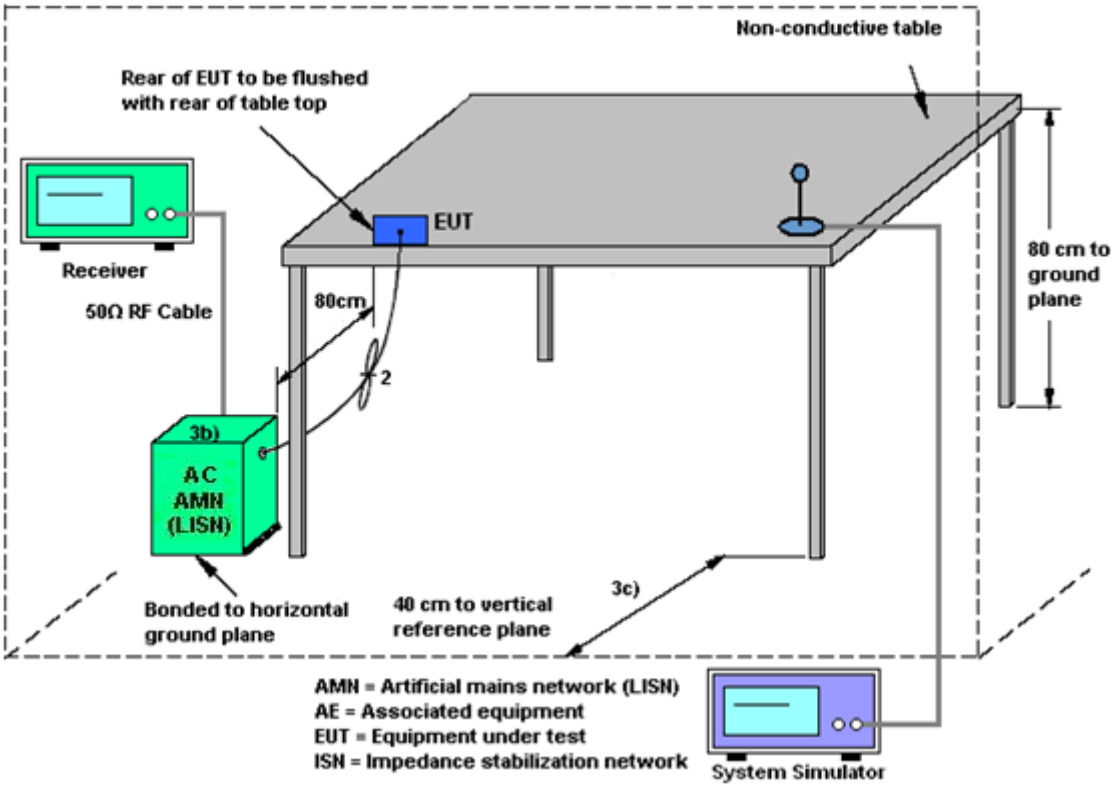
3.6.2 Measuring Instruments

See list of measuring equipment of this test report.

3.6.3 Test Procedures

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

3.6.4 Test Setup



3.6.5 Test Result of AC Conducted Emission

Please refer to Appendix B.

3.7 Antenna Requirements

3.7.1 Standard Applicable

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

3.7.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.7.3 Antenna Gain

<CDD Modes >

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

For CDD transmissions, directional gain is calculated as

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

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

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

For power measurements on IEEE 802.11 devices,

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

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

The EUT supports CDD mode.

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

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

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

The directional gain “DG” is calculated as following table.

<CDD Modes>

			DG for Power	DG for PSD	Power Limit Reduction	PSD Limit Reduction
	Ant. 1 (dBi)	Ant. 3 (dBi)	(dBi)	(dBi)	(dB)	(dB)
2.4 GHz	3.24	3.24	3.24	6.25	0.00	0.25

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

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

TXBF modes

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

For CDD transmissions, directional gain is calculated as

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

where

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

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

N_{ANT} = the total number of antennas

$g_{j,k} = 10^{G_k / 20}$ if the kth antenna is being fed by spatial stream j, or zero if it is not;

G_k is the gain in dBi of the kth antenna.

The EUT supports beamforming for 802.11ac modes.

The directional gain calculation is following F)2)e)ii) of KDB 662911 D01 v02r01.

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

The directional gain “DG” is calculated as following table.

			DG	DG	Power	PSD
			for	for	Limit	Limit
	Ant. 1	Ant. 3	Power	PSD	Reduction	Reduction
	(dBi)	(dBi)	(dBi)	(dBi)	(dB)	(dB)
2.4 GHz	3.24	3.24	6.25	6.25	0.25	0.25

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

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

4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Jul. 14, 2020	Feb. 04, 2021~ Feb. 27, 2021	Jul. 13, 2021	Radiation (03CH16-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00802N1D01 N-06	47020 & 06	30MHz to 1GHz	Oct. 11, 2020	Feb. 04, 2021~ Feb. 27, 2021	Oct. 10, 2021	Radiation (03CH16-HY)
Amplifier	SONOMA	310N	371607	9kHz~1G	Sep. 30, 2020	Feb. 04, 2021~ Feb. 27, 2021	Sep. 29, 2021	Radiation (03CH16-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-1522	1G~18GHz	Sep. 29, 2020	Feb. 04, 2021~ Feb. 27, 2021	Sep. 28, 2021	Radiation (03CH16-HY)
Amplifier	EMCI	EMC051845SE	980729	1-18GHz	Jul. 10, 2020	Feb. 04, 2021~ Feb. 27, 2021	Jul. 09, 2021	Radiation (03CH16-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170576	18GHz ~40GHz	May 22, 2020	Feb. 04, 2021~ Feb. 27, 2021	May 21, 2021	Radiation (03CH16-HY)
Preamplifier	Keysight	83017A	MY53270264	1GHz~26.5GHz	Dec. 10,.2020	Feb. 04, 2021~ Feb. 27, 2021	Dec. 09,.2021	Radiation (03CH16-HY)
EMI Test Receiver	Keysight	N9038A	MY59053012	3Hz~26.5GHz	Nov. 18, 2020	Feb. 04, 2021~ Feb. 27, 2021	Nov. 17, 2021	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY11680/ 4PE	NA	Aug. 29, 2020	Feb. 04, 2021~ Feb. 27, 2021	Aug. 28, 2021	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY11688/ 4PE	NA	Aug. 29, 2020	Feb. 04, 2021~ Feb. 27, 2021	Aug. 28, 2021	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	EC-A5-300 -5757	NA	Aug. 29, 2020	Feb. 04, 2021~ Feb. 27, 2021	Aug. 28, 2021	Radiation (03CH16-HY)
Software	Audix	E3 6.2009-8-24	RK-001136	N/A	N/A	Feb. 04, 2021~ Feb. 27, 2021	N/A	Radiation (03CH16-HY)
Controller	ChainTek	3000-1	N/A	Control Turn table & Ant Mast	N/A	Feb. 04, 2021~ Feb. 27, 2021	N/A	Radiation (03CH16-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Feb. 04, 2021~ Feb. 27, 2021	N/A	Radiation (03CH16-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Feb. 04, 2021~ Feb. 27, 2021	N/A	Radiation (03CH16-HY)
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Feb. 08, 2021	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	9kHz~3.6GHz	Nov. 30, 2020	Feb. 08, 2021	Nov. 29, 2021	Conduction (CO05-HY)
Hygrometer	Testo	608-H1	34913912	N/A	Nov. 18, 2020	Feb. 08, 2021	Nov. 17, 2021	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100081	9kHz~30MHz	Nov. 16, 2020	Feb. 08, 2021	Nov. 15, 2021	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Feb. 08, 2021	N/A	Conduction (CO05-HY)
LISN Cable	MVE	RG-400	260260	N/A	Dec. 31, 2020	Feb. 08, 2021	Dec. 30, 2021	Conduction (CO05-HY)
Pulse Limiter	SCHWARZBECK	ESHVTSD 9561-F N3-Z2	109561-FN003730851	9kHz-200MHz	Nov. 02, 2020	Feb. 08, 2021	Nov. 01, 2021	Conduction (CO05-HY)

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Power Sensor	DARE	RPR3006W	16I00054SNO10	10MHz~6GHz	Dec. 09, 2020	Jan. 28, 2021~ Feb. 28, 2021	Dec. 08, 2021	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101566	10Hz ~ 40GHz	Jul. 22, 2020	Jan. 28, 2021~ Feb. 28, 2021	Jul. 21, 2021	Conducted (TH05-HY)
Switch Box & RF Cable	EM Electronics	EMSW18SE	SW200302	N/A	Mar. 17, 2020	Jan. 28, 2021~ Feb. 28, 2021	Mar. 16, 2021	Conducted (TH05-HY)
Power Meter	Anritsu	ML2495A	1036004	N/A	Aug. 12, 2020	Jan. 28, 2021~ Feb. 28, 2021	Aug. 11, 2021	Conducted (TH05-HY)
Power Sensor	Anritsu	MA2411B	1027253	300MHz~40GHz	Aug. 12, 2020	Jan. 28, 2021~ Feb. 28, 2021	Aug. 11, 2021	Conducted (TH05-HY)

5 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**2.3**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**4.5**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**6.3**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**4.7**

Appendix A. Test Result of Conducted Test Items

Test Engineer:	Hank Hsu	Temperature:	21~25	°C
Test Date:	2021/1/28~2021/2/28	Relative Humidity:	51~54	%

TEST RESULTS DATA
6dB and 99% Occupied Bandwidth

2.4GHz Band Single Antenna										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Occupied BW (MHz)		6dB BW (MHz)		6dB BW Limit (MHz)	Pass/Fail
					Ant2	Ant2	Ant2	Ant2		
11b	1Mbps	1	1	2412	12.84	-	7.06	-	0.50	Pass
11b	1Mbps	1	6	2437	13.14	-	7.08	-	0.50	Pass
11b	1Mbps	1	11	2462	12.79	-	6.58	-	0.50	Pass
11g	6Mbps	1	1	2412	17.18	-	16.30	-	0.50	Pass
11g	6Mbps	1	6	2437	16.88	-	16.30	-	0.50	Pass
11g	6Mbps	1	11	2462	16.98	-	16.30	-	0.50	Pass
HT20	MCS0	1	1	2412	17.98	-	16.66	-	0.50	Pass
HT20	MCS0	1	6	2437	18.03	-	16.94	-	0.50	Pass
HT20	MCS0	1	11	2462	17.98	-	16.28	-	0.50	Pass
HT40	MCS0	1	3	2422	37.06	-	34.84	-	0.50	Pass
HT40	MCS0	1	6	2437	37.36	-	35.36	-	0.50	Pass
HT40	MCS0	1	9	2452	37.16	-	35.32	-	0.50	Pass

TEST RESULTS DATA
Peak Output Power

2.4GHz Band Single Antenna																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Peak Conducted Power (dBm)			Conducted Power Limit (dBm)		DG (dBi)		EIRP Power (dBm)		EIRP Power Limit (dBm)		Pass /Fail
					Ant2	Ant2	SUM	Ant2	Ant2	Ant2	Ant2	Ant2	Ant2	Ant2	Ant2	
11b	1Mbps	1	1	2412	23.25	-		30.00	-	3.24	-	26.49	-	36.00	-	Pass
11b	1Mbps	1	6	2437	23.26	-		30.00	-	3.24	-	26.50	-	36.00	-	Pass
11b	1Mbps	1	11	2462	23.02	-		30.00	-	3.24	-	26.26	-	36.00	-	Pass
11g	6Mbps	1	1	2412	22.73	-		30.00	-	3.24	-	25.97	-	36.00	-	Pass
11g	6Mbps	1	6	2437	20.41	-		30.00	-	3.24	-	23.65	-	36.00	-	Pass
11g	6Mbps	1	11	2462	20.59	-		30.00	-	3.24	-	23.83	-	36.00	-	Pass
HT20	MCS0	1	1	2412	20.95	-		30.00	-	3.24	-	24.19	-	36.00	-	Pass
HT20	MCS0	1	6	2437	20.43	-		30.00	-	3.24	-	23.67	-	36.00	-	Pass
HT20	MCS0	1	11	2462	20.65	-		30.00	-	3.24	-	23.89	-	36.00	-	Pass
HT40	MCS0	1	3	2422	21.66	-		30.00	-	3.24	-	24.90	-	36.00	-	Pass
HT40	MCS0	1	6	2437	20.23	-		30.00	-	3.24	-	23.47	-	36.00	-	Pass
HT40	MCS0	1	8	2447	18.19	-		30.00	-	3.24	-	21.43	-	36.00	-	Pass
HT40	MCS0	1	9	2452	13.82	-		30.00	-	3.24	-	17.06	-	36.00	-	Pass

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

TEST RESULTS DATA
Average Output Power

2.4GHz Band Single Antenna																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			Conducted Power Limit (dBm)		DG (dBi)		EIRP Power (dBm)		EIRP Power Limit (dBm)		Pass /Fail
					Ant2	Ant2	SUM	Ant2	Ant2	Ant2	Ant2	Ant2	Ant2	Ant2	Ant2	
11b	1Mbps	1	1	2412	21.10	-		30.00	-	3.24	-	24.34	-	36.00	-	Pass
11b	1Mbps	1	6	2437	21.00	-		30.00	-	3.24	-	24.24	-	36.00	-	Pass
11b	1Mbps	1	11	2462	20.60	-		30.00	-	3.24	-	23.84	-	36.00	-	Pass
11g	6Mbps	1	1	2412	18.80	-		30.00	-	3.24	-	22.04	-	36.00	-	Pass
11g	6Mbps	1	6	2437	16.10	-		30.00	-	3.24	-	19.34	-	36.00	-	Pass
11g	6Mbps	1	11	2462	16.30	-		30.00	-	3.24	-	19.54	-	36.00	-	Pass
HT20	MCS0	1	1	2412	16.40	-		30.00	-	3.24	-	19.64	-	36.00	-	Pass
HT20	MCS0	1	6	2437	16.00	-		30.00	-	3.24	-	19.24	-	36.00	-	Pass
HT20	MCS0	1	11	2462	16.20	-		30.00	-	3.24	-	19.44	-	36.00	-	Pass
HT40	MCS0	1	3	2422	17.40	-		30.00	-	3.24	-	20.64	-	36.00	-	Pass
HT40	MCS0	1	6	2437	15.60	-		30.00	-	3.24	-	18.84	-	36.00	-	Pass
HT40	MCS0	1	8	2447	13.70	-		30.00	-	3.24	-	16.94	-	36.00	-	Pass
HT40	MCS0	1	9	2452	8.90	-		30.00	-	3.24	-	12.14	-	36.00	-	Pass

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

TEST RESULTS DATA
Peak Power Spectral Density

2.4GHz Band Single Antenna												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Peak PSD (dBm/3kHz)			DG (dBi)		Peak PSD Limit (dBm/3kHz)		Pass/Fail
					Ant2	Ant2	Worse + 3.01	Ant2	Ant2	Ant2	Ant2	
11b	1Mbps	1	1	2412	-1.32	-		3.24	-	8.00	-	Pass
11b	1Mbps	1	6	2437	-1.88	-		3.24	-	8.00	-	Pass
11b	1Mbps	1	11	2462	-2.48	-		3.24	-	8.00	-	Pass
11g	6Mbps	1	1	2412	-8.10	-		3.24	-	8.00	-	Pass
11g	6Mbps	1	6	2437	-10.51	-		3.24	-	8.00	-	Pass
11g	6Mbps	1	11	2462	-9.91	-		3.24	-	8.00	-	Pass
HT20	MCS0	1	1	2412	-10.38	-		3.24	-	8.00	-	Pass
HT20	MCS0	1	6	2437	-10.61	-		3.24	-	8.00	-	Pass
HT20	MCS0	1	11	2462	-10.79	-		3.24	-	8.00	-	Pass
HT40	MCS0	1	3	2422	-10.02	-		3.24	-	8.00	-	Pass
HT40	MCS0	1	6	2437	-13.28	-		3.24	-	8.00	-	Pass
HT40	MCS0	1	9	2452	-20.58	-		3.24	-	8.00	-	Pass

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

<CDD Mode>

Report Number : FR111826B

TEST RESULTS DATA
6dB and 99% Occupied Bandwidth

2.4GHz Band MIMO										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Occupied BW (MHz)		6dB BW (MHz)		6dB BW Limit (MHz)	Pass/Fail
					Ant1	Ant3	Ant1	Ant3		
11b	1Mbps	2	1	2412	14.04	13.54	8.00	7.08	0.50	Pass
11b	1Mbps	2	6	2437	14.89	14.14	8.02	8.06	0.50	Pass
11b	1Mbps	2	11	2462	13.34	13.14	7.06	7.52	0.50	Pass
11g	6Mbps	2	1	2412	16.43	16.43	15.70	15.68	0.50	Pass
11g	6Mbps	2	6	2437	16.73	16.58	16.28	16.04	0.50	Pass
11g	6Mbps	2	11	2462	16.43	16.43	14.80	15.68	0.50	Pass

TEST RESULTS DATA
Peak Output Power

2.4GHz Band MIMO																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Peak Conducted Power (dBm)			Conducted Power Limit (dBm)		DG (dBi)		EIRP Power (dBm)		EIRP Power Limit (dBm)		Pass /Fail
					Ant1	Ant3	SUM	Ant1	Ant3	Ant1	Ant3	Ant1	Ant3	Ant1	Ant3	
11b	1Mbps	2	1	2412	27.15	26.77	29.97	30.00		3.24		33.21		36.00		Pass
11b	1Mbps	2	6	2437	26.80	26.71	29.77	30.00		3.24		33.01		36.00		Pass
11b	1Mbps	2	11	2462	25.46	25.08	28.28	30.00		3.24		31.52		36.00		Pass
11g	6Mbps	2	1	2412	26.46	26.25	29.37	30.00		3.24		32.61		36.00		Pass
11g	6Mbps	2	6	2437	26.89	26.72	29.82	30.00		3.24		33.06		36.00		Pass
11g	6Mbps	2	10	2457	27.03	26.92	29.99	30.00		3.24		33.23		36.00		Pass
11g	6Mbps	2	11	2462	23.65	23.23	26.46	30.00		3.24		29.70		36.00		Pass
HT20	MCS0	2	1	2412	24.23	23.79	27.03	30.00		3.24		30.27		36.00		Pass
HT20	MCS0	2	2	2417	26.91	26.91	29.92	30.00		3.24		33.16		36.00		Pass
HT20	MCS0	2	6	2437	26.52	26.46	29.50	30.00		3.24		32.74		36.00		Pass
HT20	MCS0	2	9	2452	26.78	26.60	29.70	30.00		3.24		32.94		36.00		Pass
HT20	MCS0	2	10	2457	25.55	25.22	28.40	30.00		3.24		31.64		36.00		Pass
HT20	MCS0	2	11	2462	24.92	24.52	27.73	30.00		3.24		30.97		36.00		Pass
HT40	MCS0	2	3	2422	24.18	23.61	26.91	30.00		3.24		30.15		36.00		Pass
HT40	MCS0	2	6	2437	22.11	21.86	25.00	30.00		3.24		28.24		36.00		Pass
HT40	MCS0	2	9	2452	21.96	21.32	24.66	30.00		3.24		27.90		36.00		Pass
VHT20	MCS0	2	1	2412	24.12	23.65	26.90	30.00		3.24		30.14		36.00		Pass
VHT20	MCS0	2	2	2417	26.85	26.85	29.86	30.00		3.24		33.10		36.00		Pass
VHT20	MCS0	2	6	2437	26.32	26.26	29.30	30.00		3.24		32.54		36.00		Pass
VHT20	MCS0	2	9	2452	26.72	26.58	29.66	30.00		3.24		32.90		36.00		Pass
VHT20	MCS0	2	10	2457	25.51	25.18	28.36	30.00		3.24		31.60		36.00		Pass
VHT20	MCS0	2	11	2462	24.82	24.32	27.59	30.00		3.24		30.83		36.00		Pass
VHT40	MCS0	2	3	2422	24.06	23.60	26.85	30.00		3.24		30.09		36.00		Pass
VHT40	MCS0	2	6	2437	22.02	21.81	24.93	30.00		3.24		28.17		36.00		Pass
VHT40	MCS0	2	9	2452	21.91	21.22	24.59	30.00		3.24		27.83		36.00		Pass

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

TEST RESULTS DATA
Average Output Power

2.4GHz Band MIMO																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			Conducted Power Limit (dBm)		DG (dBi)		EIRP Power (dBm)		EIRP Power Limit (dBm)		Pass /Fail
					Ant1	Ant3	SUM	Ant1	Ant3	Ant1	Ant3	Ant1	Ant3	Ant1	Ant3	
11b	1Mbps	2	1	2412	25.80	25.40	28.61	30.00		3.24		31.85		36.00		Pass
11b	1Mbps	2	6	2437	25.70	25.40	28.56	30.00		3.24		31.80		36.00		Pass
11b	1Mbps	2	11	2462	24.00	23.50	26.77	30.00		3.24		30.01		36.00		Pass
11g	6Mbps	2	1	2412	21.70	21.20	24.47	30.00		3.24		27.71		36.00		Pass
11g	6Mbps	2	6	2437	23.20	22.70	25.97	30.00		3.24		29.21		36.00		Pass
11g	6Mbps	2	10	2457	22.60	22.20	25.41	30.00		3.24		28.65		36.00		Pass
11g	6Mbps	2	11	2462	18.40	17.90	21.17	30.00		3.24		24.41		36.00		Pass
HT20	MCS0	2	1	2412	18.10	17.70	20.91	30.00		3.24		24.15		36.00		Pass
HT20	MCS0	2	2	2417	22.60	22.30	25.46	30.00		3.24		28.70		36.00		Pass
HT20	MCS0	2	6	2437	22.60	22.10	25.37	30.00		3.24		28.61		36.00		Pass
HT20	MCS0	2	9	2452	22.30	21.80	25.07	30.00		3.24		28.31		36.00		Pass
HT20	MCS0	2	10	2457	19.60	19.10	22.37	30.00		3.24		25.61		36.00		Pass
HT20	MCS0	2	11	2462	19.30	18.70	22.02	30.00		3.24		25.26		36.00		Pass
HT40	MCS0	2	3	2422	17.40	17.00	20.21	30.00		3.24		23.45		36.00		Pass
HT40	MCS0	2	6	2437	16.00	15.40	18.72	30.00		3.24		21.96		36.00		Pass
HT40	MCS0	2	9	2452	15.30	14.50	17.93	30.00		3.24		21.17		36.00		Pass
VHT20	MCS0	2	1	2412	18.00	17.70	20.86	30.00		3.24		24.10		36.00		Pass
VHT20	MCS0	2	2	2417	22.50	22.20	25.36	30.00		3.24		28.60		36.00		Pass
VHT20	MCS0	2	6	2437	22.50	22.00	25.27	30.00		3.24		28.51		36.00		Pass
VHT20	MCS0	2	9	2452	22.20	21.70	24.97	30.00		3.24		28.21		36.00		Pass
VHT20	MCS0	2	10	2457	19.50	19.00	22.27	30.00		3.24		25.51		36.00		Pass
VHT20	MCS0	2	11	2462	19.20	18.60	21.92	30.00		3.24		25.16		36.00		Pass
VHT40	MCS0	2	3	2422	17.30	16.90	20.11	30.00		3.24		23.35		36.00		Pass
VHT40	MCS0	2	6	2437	15.90	15.30	18.62	30.00		3.24		21.86		36.00		Pass
VHT40	MCS0	2	9	2452	15.20	14.40	17.83	30.00		3.24		21.07		36.00		Pass

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

TEST RESULTS DATA
Peak Power Spectral Density

2.4GHz Band MIMO												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Peak PSD (dBm/3kHz)			DG (dBi)		Peak PSD Limit (dBm/3kHz)		Pass/Fail
					Ant1	Ant3	Worse + 3.01	Ant1	Ant3	Ant1	Ant3	
11b	1Mbps	2	1	2412	3.11	4.65	7.66	6.25		7.75		Pass
11b	1Mbps	2	6	2437	3.51	2.70	6.52	6.25		7.75		Pass
11b	1Mbps	2	11	2462	1.79	1.26	4.80	6.25		7.75		Pass
11g	6Mbps	2	1	2412	-5.49	-6.29	-2.48	6.25		7.75		Pass
11g	6Mbps	2	6	2437	-4.30	-4.57	-1.29	6.25		7.75		Pass
11g	6Mbps	2	11	2462	-8.66	-9.24	-5.65	6.25		7.75		Pass

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

TEST RESULTS DATA
6dB and 99% Occupied Bandwidth

2.4GHz Band MIMO											
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config.	99% Occupied BW (MHz)		6dB BW (MHz)		6dB BW Limit (MHz)	Pass/Fail
						Ant1	Ant3	Ant1	Ant3		
HE20	MCS0	2	1	2412	Full	18.88	18.93	16.88	17.76	0.50	Pass
HE20	MCS0	2	6	2437	Full	19.08	18.98	18.24	17.88	0.50	Pass
HE20	MCS0	2	11	2462	Full	18.93	18.88	18.38	16.34	0.50	Pass
HE40	MCS0	2	3	2422	Full	37.66	37.76	37.92	37.24	0.50	Pass
HE40	MCS0	2	6	2437	Full	38.06	38.06	37.96	37.88	0.50	Pass
HE40	MCS0	2	9	2452	Full	37.76	37.76	37.56	37.56	0.50	Pass

TEST RESULTS DATA
Peak Output Power

2.4GHz Band MIMO																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Peak Conducted Power (dBm)			Conducted Power Limit (dBm)		DG (dBi)		EIRP Power (dBm)		EIRP Power Limit (dBm)		Pass /Fail
						Ant1	Ant3	SUM	Ant1	Ant3	Ant1	Ant3	Ant1	Ant3	Ant1	Ant3	
HE20	MCS0	2	1	2412	Full	24.33	23.89	27.13	30.00		3.24		30.37		36.00		Pass
HE20	MCS0	2	2	2417	Full	26.95	27.01	29.99	30.00		3.24		33.23		36.00		Pass
HE20	MCS0	2	6	2437	Full	26.62	26.95	29.80	30.00		3.24		33.04		36.00		Pass
HE20	MCS0	2	9	2452	Full	26.88	26.70	29.80	30.00		3.24		33.04		36.00		Pass
HE20	MCS0	2	10	2457	Full	25.65	25.32	28.50	30.00		3.24		31.74		36.00		Pass
HE20	MCS0	2	11	2462	Full	25.02	24.62	27.83	30.00		3.24		31.07		36.00		Pass
HE40	MCS0	2	3	2422	Full	24.28	23.71	27.01	30.00		3.24		30.25		36.00		Pass
HE40	MCS0	2	6	2437	Full	22.21	21.96	25.10	30.00		3.24		28.34		36.00		Pass
HE40	MCS0	2	9	2452	Full	22.06	21.42	24.76	30.00		3.24		28.00		36.00		Pass

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

TEST RESULTS DATA
Average Output Power

2.4GHz Band MIMO																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			Conducted Power Limit (dBm)		DG (dBi)		EIRP Power (dBm)		EIRP Power Limit (dBm)		Pass /Fail
						Ant1	Ant3	SUM	Ant1	Ant3	Ant1	Ant3	Ant1	Ant3	Ant1	Ant3	
HE20	MCS0	2	1	2412	Full	18.20	17.80	21.01	30.00		3.24		24.25		36.00		Pass
HE20	MCS0	2	2	2417	Full	22.70	22.40	25.56	30.00		3.24		28.80		36.00		Pass
HE20	MCS0	2	6	2437	Full	22.70	22.20	25.47	30.00		3.24		28.71		36.00		Pass
HE20	MCS0	2	9	2452	Full	22.40	21.90	25.17	30.00		3.24		28.41		36.00		Pass
HE20	MCS0	2	10	2457	Full	19.70	19.20	22.47	30.00		3.24		25.71		36.00		Pass
HE20	MCS0	2	11	2462	Full	19.40	18.80	22.12	30.00		3.24		25.36		36.00		Pass
HE40	MCS0	2	3	2422	Full	17.50	17.10	20.31	30.00		3.24		23.55		36.00		Pass
HE40	MCS0	2	6	2437	Full	16.10	15.50	18.82	30.00		3.24		22.06		36.00		Pass
HE40	MCS0	2	9	2452	Full	15.40	14.60	18.03	30.00		3.24		21.27		36.00		Pass

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

TEST RESULTS DATA
Peak Power Spectral Density

2.4GHz Band MIMO													
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config.	Peak PSD (dBm/3kHz)			DG (dBi)		Peak PSD Limit (dBm/3kHz)		Pass/Fail
						Ant1	Ant3	Worse + 3.01	Ant1	Ant3	Ant1	Ant3	
HE20	MCS0	2	1	2412	Full	-7.78	-7.64	-4.63	6.25		7.75		Pass
HE20	MCS0	2	6	2437	Full	-4.11	-4.12	-1.10	6.25		7.75		Pass
HE20	MCS0	2	11	2462	Full	-7.17	-7.83	-4.16	6.25		7.75		Pass
HE40	MCS0	2	3	2422	Full	-11.61	-12.41	-8.60	6.25		7.75		Pass
HE40	MCS0	2	6	2437	Full	-13.54	-13.38	-10.37	6.25		7.75		Pass
HE40	MCS0	2	9	2452	Full	-14.11	-14.48	-11.10	6.25		7.75		Pass

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

<TXBF Modes>

Report Number : FR111826B

TEST RESULTS DATA
Peak Output Power

2.4GHz Band MIMO																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Peak Conducted Power (dBm)			Conducted Power Limit (dBm)		DG (dBi)		EIRP Power (dBm)		EIRP Power Limit (dBm)		Pass /Fail
					Ant1	Ant3	SUM	Ant1	Ant3	Ant1	Ant3	Ant1	Ant3	Ant1	Ant3	
VHT20	MCS0	2	1	2412	24.05	23.56	26.82	29.75		6.25		33.07		36.00		Pass
VHT20	MCS0	2	2	2417	26.52	26.52	29.53	29.75		6.25		35.78		36.00		Pass
VHT20	MCS0	2	6	2437	26.28	26.16	29.23	29.75		6.25		35.48		36.00		Pass
VHT20	MCS0	2	9	2452	26.50	26.38	29.45	29.75		6.25		35.70		36.00		Pass
VHT20	MCS0	2	10	2457	25.50	24.91	28.23	29.75		6.25		34.48		36.00		Pass
VHT20	MCS0	2	11	2462	24.71	24.29	27.52	29.75		6.25		33.77		36.00		Pass
VHT40	MCS0	2	3	2422	24.01	23.56	26.80	29.75		6.25		33.05		36.00		Pass
VHT40	MCS0	2	6	2437	21.94	21.72	24.84	29.75		6.25		31.09		36.00		Pass
VHT40	MCS0	2	9	2452	21.88	21.19	24.56	29.75		6.25		30.81		36.00		Pass

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

TEST RESULTS DATA
Average Output Power

2.4GHz Band MIMO																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			Conducted Power Limit (dBm)		DG (dBi)		EIRP Power (dBm)		EIRP Power Limit (dBm)		Pass /Fail
					Ant1	Ant3	SUM	Ant1	Ant3	Ant1	Ant3	Ant1	Ant3	Ant1	Ant3	
VHT20	MCS0	2	1	2412	17.80	17.60	20.71	29.75		6.25		26.96		36.00		Pass
VHT20	MCS0	2	2	2417	22.40	22.10	25.26	29.75		6.25		31.51		36.00		Pass
VHT20	MCS0	2	6	2437	22.30	21.90	25.11	29.75		6.25		31.37		36.00		Pass
VHT20	MCS0	2	9	2452	22.10	21.60	24.87	29.75		6.25		31.12		36.00		Pass
VHT20	MCS0	2	10	2457	19.40	18.90	22.17	29.75		6.25		28.42		36.00		Pass
VHT20	MCS0	2	11	2462	19.10	18.50	21.82	29.75		6.25		28.07		36.00		Pass
VHT40	MCS0	2	3	2422	17.20	16.80	20.01	29.75		6.25		26.27		36.00		Pass
VHT40	MCS0	2	6	2437	15.70	15.20	18.47	29.75		6.25		24.72		36.00		Pass
VHT40	MCS0	2	9	2452	15.10	14.30	17.73	29.75		6.25		23.98		36.00		Pass

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

TEST RESULTS DATA
Peak Output Power

2.4GHz Band MIMO																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Peak Conducted Power (dBm)			Conducted Power Limit (dBm)		DG (dBi)		EIRP Power (dBm)		EIRP Power Limit (dBm)		Pass /Fail
						Ant1	Ant3	SUM	Ant1	Ant3	Ant1	Ant3	Ant1	Ant3	Ant1	Ant3	
HE20	MCS0	2	1	2412	Full	24.22	23.78	27.02	29.75		6.25		33.27		36.00		Pass
HE20	MCS0	2	2	2417	Full	26.42	26.42	29.43	29.75		6.25		35.68		36.00		Pass
HE20	MCS0	2	6	2437	Full	26.54	26.49	29.53	29.75		6.25		35.78		36.00		Pass
HE20	MCS0	2	9	2452	Full	26.78	26.61	29.71	29.75		6.25		35.96		36.00		Pass
HE20	MCS0	2	10	2457	Full	25.56	25.21	28.40	29.75		6.25		34.65		36.00		Pass
HE20	MCS0	2	11	2462	Full	24.92	24.59	27.77	29.75		6.25		34.02		36.00		Pass
HE40	MCS0	2	3	2422	Full	24.16	23.65	26.92	29.75		6.25		33.17		36.00		Pass
HE40	MCS0	2	6	2437	Full	22.11	21.94	25.04	29.75		6.25		31.29		36.00		Pass
HE40	MCS0	2	9	2452	Full	22.02	21.36	24.71	29.75		6.25		30.96		36.00		Pass

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

TEST RESULTS DATA
Average Output Power

2.4GHz Band MIMO																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			Conducted Power Limit (dBm)		DG (dBi)		EIRP Power (dBm)		EIRP Power Limit (dBm)		Pass /Fail
						Ant1	Ant3	SUM	Ant1	Ant3	Ant1	Ant3	Ant1	Ant3	Ant1	Ant3	
HE20	MCS0	2	1	2412	Full	18.10	17.70	20.91	29.75		6.25		27.17		36.00		Pass
HE20	MCS0	2	2	2417	Full	22.60	22.30	25.46	29.75		6.25		31.71		36.00		Pass
HE20	MCS0	2	6	2437	Full	22.60	22.10	25.37	29.75		6.25		31.62		36.00		Pass
HE20	MCS0	2	9	2452	Full	22.30	21.80	25.07	29.75		6.25		31.32		36.00		Pass
HE20	MCS0	2	10	2457	Full	19.60	19.10	22.37	29.75		6.25		28.62		36.00		Pass
HE20	MCS0	2	11	2462	Full	19.30	18.70	22.02	29.75		6.25		28.27		36.00		Pass
HE40	MCS0	2	3	2422	Full	17.40	17.00	20.21	29.75		6.25		26.47		36.00		Pass
HE40	MCS0	2	6	2437	Full	16.00	15.30	18.67	29.75		6.25		24.92		36.00		Pass
HE40	MCS0	2	9	2452	Full	15.30	14.50	17.93	29.75		6.25		24.18		36.00		Pass

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

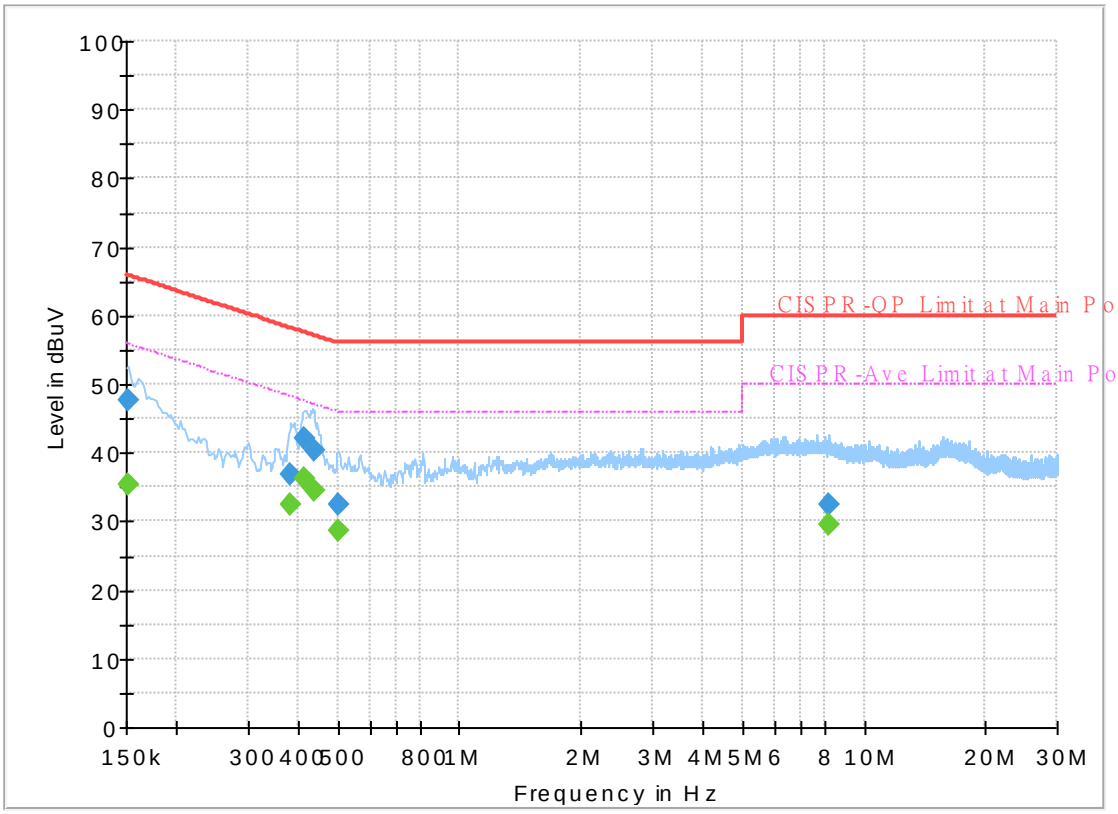
Appendix B. AC Conducted Emission Test Results

Test Engineer :	Tom Lee	**Temperature :**	23~26℃
		Relative Humidity :	40~50%

EUT Information

Report NO :	111826
Test Mode :	Mode 2
Test Voltage :	120Vac/60Hz
Phase :	Line

Full Spectrum



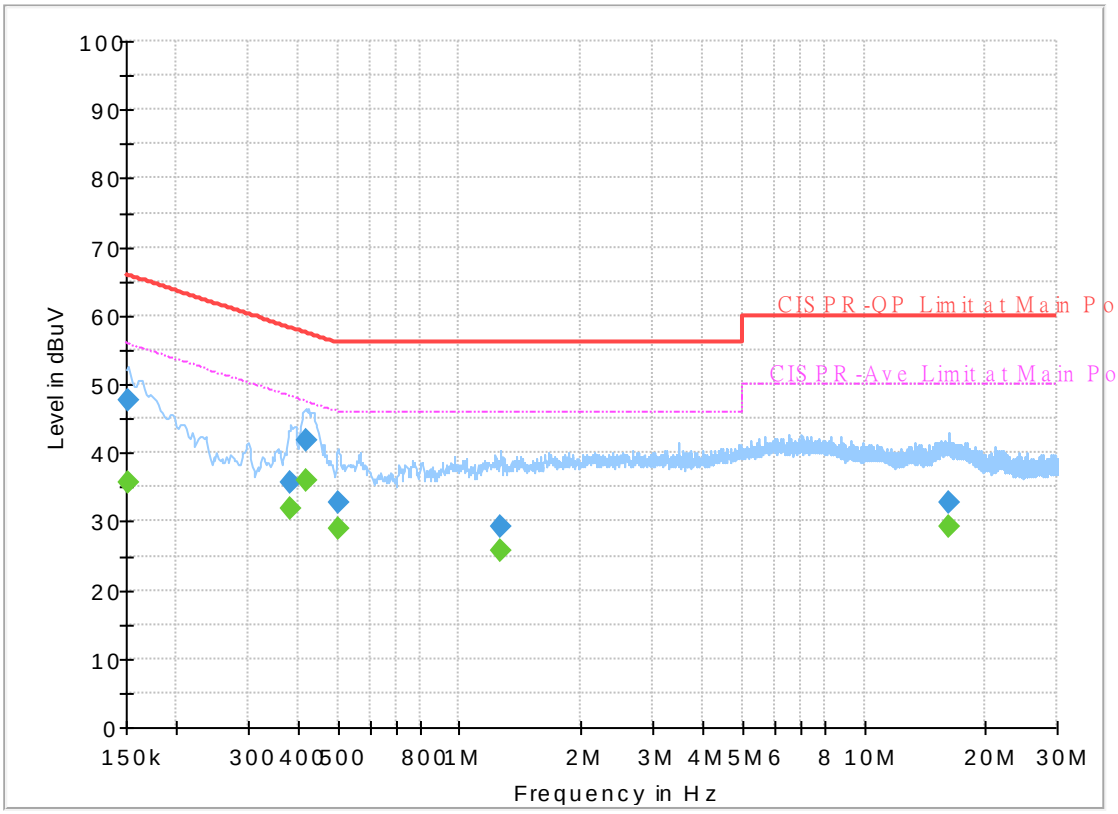
Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	35.52	55.88	20.36	L1	OFF	19.7
0.152250	47.53	---	65.88	18.35	L1	OFF	19.7
0.384000	---	32.58	48.19	15.61	L1	OFF	19.7
0.384000	36.77	---	58.19	21.42	L1	OFF	19.7
0.415860	---	36.39	47.53	11.14	L1	OFF	19.8
0.415860	42.00	---	57.53	15.53	L1	OFF	19.8
0.438000	---	34.53	47.10	12.57	L1	OFF	19.8
0.438000	40.46	---	57.10	16.64	L1	OFF	19.8
0.499290	---	28.74	46.01	17.27	L1	OFF	19.9
0.499290	32.46	---	56.01	23.55	L1	OFF	19.9
8.170710	---	29.45	50.00	20.55	L1	OFF	20.1
8.170710	32.46	---	60.00	27.54	L1	OFF	20.1

EUT Information

Report NO :	111826
Test Mode :	Mode 2
Test Voltage :	120Vac/60Hz
Phase :	Neutral

Full Spectrum



Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	35.76	55.88	20.12	N	OFF	19.7
0.152250	47.80	---	65.88	18.08	N	OFF	19.7
0.382380	---	31.80	48.23	16.43	N	OFF	19.8
0.382380	35.73	---	58.23	22.50	N	OFF	19.8
0.418200	---	35.95	47.48	11.53	N	OFF	19.8
0.418200	41.85	---	57.48	15.63	N	OFF	19.8
0.502260	---	29.00	46.00	17.00	N	OFF	19.9
0.502260	32.88	---	56.00	23.12	N	OFF	19.9
1.269510	---	25.60	46.00	20.40	N	OFF	20.3
1.269510	29.33	---	56.00	26.67	N	OFF	20.3
16.192500	---	29.35	50.00	20.65	N	OFF	20.5
16.192500	32.69	---	60.00	27.31	N	OFF	20.5

Appendix C. Radiated Spurious Emission

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

2.4GHz 2400~2483.5MHz

WIFI 802.11b (Band Edge @ 3m)

WIFI Ant. 2	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		2341.395	56.6	-17.4	74	40.68	27.82	18.39	30.29	390	352	P	H
		2353.155	44.27	-9.73	54	28.37	27.78	18.41	30.29	390	352	A	H
	*	2412	109.16	-	-	93.43	27.48	18.52	30.27	390	352	P	H
	*	2412	106.01	-	-	90.28	27.48	18.52	30.27	390	352	A	H
													H
		2375.205	56.75	-17.25	74	40.93	27.65	18.45	30.28	100	107	P	V
		2389.275	44.75	-9.25	54	28.99	27.56	18.48	30.28	100	107	A	V
	*	2412	114.71	-	-	98.98	27.48	18.52	30.27	100	107	P	V
	*	2412	111.51	-	-	95.78	27.48	18.52	30.27	100	107	A	V
													V
802.11b CH 06 2437MHz		2348.78	56.88	-17.12	74	40.96	27.8	18.41	30.29	382	351	P	H
		2351.72	44.3	-9.7	54	28.39	27.79	18.41	30.29	382	351	A	H
	*	2437	108.69	-	-	92.96	27.43	18.57	30.27	382	351	P	H
	*	2437	105.41	-	-	89.68	27.43	18.57	30.27	382	351	A	H
		2495.45	56.83	-17.17	74	40.99	27.4	18.69	30.25	382	351	P	H
		2485.79	46.08	-7.92	54	30.26	27.4	18.67	30.25	382	351	A	H
		2323.86	56.56	-17.44	74	40.65	27.85	18.36	30.3	100	127	P	V
		2389.94	44.81	-9.19	54	29.05	27.56	18.48	30.28	100	127	A	V
	*	2437	115.39	-	-	99.66	27.43	18.57	30.27	100	127	P	V
	*	2437	112.2	-	-	96.47	27.43	18.57	30.27	100	127	A	V
		2485.58	60.78	-13.22	74	44.96	27.4	18.67	30.25	100	127	P	V
		2483.5	52.72	-1.28	54	36.91	27.4	18.66	30.25	100	127	A	V

802.11b CH 11 2462MHz	*	2462	108.35	-	-	92.59	27.4	18.62	30.26	212	335	P	H
	*	2462	105.12	-	-	89.36	27.4	18.62	30.26	212	335	A	H
		2485.56	57.73	-16.27	74	41.91	27.4	18.67	30.25	212	335	P	H
		2486	46.29	-7.71	54	30.47	27.4	18.67	30.25	212	335	A	H
													H
													H
	*	2462	116	-	-	100.24	27.4	18.62	30.26	100	109	P	V
	*	2462	112.69	-	-	96.93	27.4	18.62	30.26	100	109	A	V
		2486.08	60.18	-13.82	74	44.36	27.4	18.67	30.25	100	109	P	V
		2485.84	52.58	-1.42	54	36.76	27.4	18.67	30.25	100	109	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. 2	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	40.58	-33.42	74	51.43	31.15	13.36	55.36	100	0	P	H
		12060	56.05	-17.95	74	51.74	38.88	20.52	55.09	202	144	P	H
		12060	50.71	-3.29	54	46.4	38.88	20.52	55.09	202	144	A	H
													H
		4824	40.7	-33.3	74	51.55	31.15	13.36	55.36	100	0	P	V
		12060	57.51	-16.49	74	53.2	38.88	20.52	55.09	232	229	P	V
		12060	53.31	-0.69	54	49	38.88	20.52	55.09	232	229	A	V
													V
802.11b CH 06 2437MHz		4874	41.07	-32.93	74	51.93	31.15	13.36	55.37	100	0	P	H
		7311	48.41	-25.59	74	52.09	36.42	16.16	56.26	100	0	P	H
		12185	56.24	-17.76	74	51.89	38.83	20.58	55.06	199	145	P	H
		12185	51.3	-2.7	54	46.95	38.83	20.58	55.06	199	145	A	H
		4874	41.68	-32.32	74	52.54	31.15	13.36	55.37	100	0	P	V
		7311	48.04	-25.96	74	51.72	36.42	16.16	56.26	100	0	P	V
		12185	57.53	-16.47	74	53.18	38.83	20.58	55.06	324	230	P	V
		12185	53.48	-0.52	54	49.13	38.83	20.58	55.06	324	230	A	V
802.11b CH 11 2462MHz		4924	42.47	-31.53	74	53.29	31.2	13.36	55.38	100	0	P	H
		7386	46.95	-27.05	74	50.44	36.43	16.36	56.28	100	0	P	H
		12310	53.21	-20.79	74	49.23	38.39	20.63	55.04	205	144	P	H
		12310	47.79	-6.21	54	43.81	38.39	20.63	55.04	205	144	A	H
		4924	41.52	-32.48	74	52.34	31.2	13.36	55.38	100	0	P	V
		7386	46.54	-27.46	74	50.03	36.43	16.36	56.28	100	0	P	V
		12310	54.08	-19.92	74	50.1	38.39	20.63	55.04	317	230	P	V
		12310	49.19	-4.81	54	45.21	38.39	20.63	55.04	317	230	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 802.11g (Band Edge @ 3m)

WIFI Ant. 2	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		2390	60.21	-13.79	74	44.45	27.56	18.48	30.28	307	10	P	H
		2390	49.34	-4.66	54	33.58	27.56	18.48	30.28	307	10	A	H
	*	2412	109.69	-	-	93.96	27.48	18.52	30.27	307	10	P	H
	*	2412	101.85	-	-	86.12	27.48	18.52	30.27	307	10	A	H
													H
													H
		2390	63.14	-10.86	74	47.38	27.56	18.48	30.28	110	109	P	V
		2390	53.06	-0.94	54	37.3	27.56	18.48	30.28	110	109	A	V
	*	2412	114.65	-	-	98.92	27.48	18.52	30.27	110	109	P	V
	*	2412	106.68	-	-	90.95	27.48	18.52	30.27	110	109	A	V
													V
													V
802.11g CH 06 2437MHz		2312.24	56.97	-17.03	74	41.05	27.88	18.34	30.3	208	2	P	H
		2323.16	45.77	-8.23	54	29.86	27.85	18.36	30.3	208	2	A	H
	*	2437	104.49	-	-	88.76	27.43	18.57	30.27	208	2	P	H
	*	2437	96.83	-	-	81.1	27.43	18.57	30.27	208	2	A	H
		2487.05	56.99	-17.01	74	41.17	27.4	18.67	30.25	208	2	P	H
		2483.9	47.17	-6.83	54	31.36	27.4	18.66	30.25	208	2	A	H
		2340.94	56.93	-17.07	74	41.01	27.82	18.39	30.29	100	127	P	V
		2389.52	45.67	-8.33	54	29.91	27.56	18.48	30.28	100	127	A	V
	*	2437	112.26	-	-	96.53	27.43	18.57	30.27	100	127	P	V
	*	2437	103.86	-	-	88.13	27.43	18.57	30.27	100	127	A	V
		2484.95	62.75	-11.25	74	46.93	27.4	18.67	30.25	100	127	P	V
		2484.25	53.29	-0.71	54	37.48	27.4	18.66	30.25	100	127	A	V

802.11g CH 11 2462MHz	*	2462	105.23	-	-	89.47	27.4	18.62	30.26	340	339	P	H
	*	2462	97.1	-	-	81.34	27.4	18.62	30.26	340	339	A	H
		2483.8	57.46	-16.54	74	41.65	27.4	18.66	30.25	340	339	P	H
		2483.56	46.79	-7.21	54	30.98	27.4	18.66	30.25	340	339	A	H
													H
													H
	*	2462	113.17	-	-	97.41	27.4	18.62	30.26	100	109	P	V
	*	2462	104.56	-	-	88.8	27.4	18.62	30.26	100	109	A	V
		2483.6	62.13	-11.87	74	46.32	27.4	18.66	30.25	100	109	P	V
		2483.6	52.05	-1.95	54	36.24	27.4	18.66	30.25	100	109	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

2.4GHz 2400~2483.5MHz

WIFI 802.11g (Harmonic @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11g CH 01 2412MHz		4824	39.99	-34.01	74	50.84	31.15	13.36	55.36	100	0	P	H
													H
													H
													H
		4824	40.06	-33.94	74	50.91	31.15	13.36	55.36	100	0	P	V
													V
													V
													V
802.11g CH 06 2437MHz		4874	40.51	-33.49	74	51.37	31.15	13.36	55.37	100	0	P	H
		7311	45.91	-28.09	74	49.59	36.42	16.16	56.26	100	0	P	H
													H
													H
		4874	40.41	-33.59	74	51.27	31.15	13.36	55.37	100	0	P	V
		7311	46.3	-27.7	74	49.98	36.42	16.16	56.26	100	0	P	V
													V
													V
802.11g CH 11 2462MHz		4924	39.65	-34.35	74	50.47	31.2	13.36	55.38	100	0	P	H
		7386	45.24	-28.76	74	48.73	36.43	16.36	56.28	100	0	P	H
													H
													H
		4924	40.07	-33.93	74	50.89	31.2	13.36	55.38	100	0	P	V
		7386	45.71	-28.29	74	49.2	36.43	16.36	56.28	100	0	P	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 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 2	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)
	*	2462	104.98	-	-	89.22	27.4	18.62	30.26	150	335	P	H
	*	2462	96.3	-	-	80.54	27.4	18.62	30.26	150	335	A	H
		2483.52	57.15	-16.85	74	41.34	27.4	18.66	30.25	150	335	P	H
		2483.88	47.24	-6.76	54	31.43	27.4	18.66	30.25	150	335	A	H
802.11n													H
HT20													H
CH 01	*	2462	112.58	-	-	96.82	27.4	18.62	30.26	102	109	P	V
2412MHz	*	2462	104.33	-	-	88.57	27.4	18.62	30.26	102	109	A	V
		2483.52	64.05	-9.95	74	48.24	27.4	18.66	30.25	102	109	P	V
		2483.52	52.93	-1.07	54	37.12	27.4	18.66	30.25	102	109	A	V
													V
													V
		2330.86	56.61	-17.39	74	40.7	27.84	18.37	30.3	347	336	P	H
		2354.24	45.73	-8.27	54	29.83	27.77	18.42	30.29	347	336	A	H
	*	2437	104.62	-	-	88.89	27.43	18.57	30.27	347	336	P	H
	*	2437	96.56	-	-	80.83	27.43	18.57	30.27	347	336	A	H
802.11n		2494.47	56.47	-17.53	74	40.64	27.4	18.68	30.25	347	336	P	H
HT20		2485.02	45.84	-8.16	54	30.02	27.4	18.67	30.25	347	336	A	H
CH 06		2380.56	57.31	-16.69	74	41.51	27.62	18.46	30.28	100	124	P	V
2437MHz		2334.92	45.9	-8.1	54	29.99	27.83	18.38	30.3	100	124	A	V
	*	2437	112.34	-	-	96.61	27.43	18.57	30.27	100	124	P	V
	*	2437	103.93	-	-	88.2	27.43	18.57	30.27	100	124	A	V
		2483.9	63.25	-10.75	74	47.44	27.4	18.66	30.25	100	124	P	V
		2484.11	53.3	-0.7	54	37.49	27.4	18.66	30.25	100	124	A	V

		2389.8	57.23	-16.77	74	41.47	27.56	18.48	30.28	390	345	P	H
		2390	47.47	-6.53	54	31.71	27.56	18.48	30.28	390	345	A	H
	*	2412	108.18	-	-	92.45	27.48	18.52	30.27	390	345	P	H
	*	2412	100.41	-	-	84.68	27.48	18.52	30.27	390	345	A	H
802.11n													H
HT20													H
CH 11		2389.905	61.9	-12.1	74	46.14	27.56	18.48	30.28	100	124	P	V
2462MHz		2390	52.54	-1.46	54	36.78	27.56	18.48	30.28	100	124	A	V
	*	2412	114.26	-	-	98.53	27.48	18.52	30.27	100	124	P	V
	*	2412	105.67	-	-	89.94	27.48	18.52	30.27	100	124	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 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 2	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)
		4824	40.14	-33.86	74	50.99	31.15	13.36	55.36	100	0	P	H
													H
802.11n													H
HT20													H
CH 01		4824	40.23	-33.77	74	51.08	31.15	13.36	55.36	100	0	P	V
2412MHz													V
													V
													V
		4874	39.8	-34.2	74	50.66	31.15	13.36	55.37	100	0	P	H
		7311	46.18	-27.82	74	49.86	36.42	16.16	56.26	100	0	P	H
802.11n													H
HT20													H
CH 06		4874	39.79	-34.21	74	50.65	31.15	13.36	55.37	100	0	P	V
2437MHz		7311	45.5	-28.5	74	49.18	36.42	16.16	56.26	100	0	P	V
													V
													V
		4924	40.12	-33.88	74	50.94	31.2	13.36	55.38	100	0	P	H
		7386	45.71	-28.29	74	49.2	36.43	16.36	56.28	100	0	P	H
802.11n													H
HT20													H
CH 11		4924	40.74	-33.26	74	51.56	31.2	13.36	55.38	100	0	P	V
2462MHz		7386	45.77	-28.23	74	49.26	36.43	16.36	56.28	100	0	P	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 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 2	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)
		2334.36	57.13	-16.87	74	41.22	27.83	18.38	30.3	300	9	P	H
		2389.94	47.87	-6.13	54	32.11	27.56	18.48	30.28	300	9	A	H
	*	2422	105.51	-	-	89.78	27.46	18.54	30.27	300	9	P	H
	*	2422	97.76	-	-	82.03	27.46	18.54	30.27	300	9	A	H
802.11n		2497.62	57.02	-16.98	74	41.18	27.4	18.69	30.25	300	9	P	H
HT40		2483.97	47.77	-6.23	54	31.96	27.4	18.66	30.25	300	9	A	H
CH 03		2389.8	60.51	-13.49	74	44.75	27.56	18.48	30.28	114	109	P	V
2422MHz		2389.94	51.93	-2.07	54	36.17	27.56	18.48	30.28	114	109	A	V
	*	2422	109.81	-	-	94.08	27.46	18.54	30.27	114	109	P	V
	*	2422	102.1	-	-	86.37	27.46	18.54	30.27	114	109	A	V
		2485.02	60.79	-13.21	74	44.97	27.4	18.67	30.25	114	109	P	V
		2483.5	53.29	-0.71	54	37.48	27.4	18.66	30.25	114	109	A	V
		2339.26	56.91	-17.09	74	41	27.82	18.39	30.3	299	10	P	H
		2337.44	46.49	-7.51	54	30.58	27.83	18.38	30.3	299	10	A	H
	*	2437	103.78	-	-	88.05	27.43	18.57	30.27	299	10	P	H
	*	2437	95.63	-	-	79.9	27.43	18.57	30.27	299	10	A	H
802.11n		2489.85	56.88	-17.12	74	41.05	27.4	18.68	30.25	299	10	P	H
HT40		2484.67	47.26	-6.74	54	31.44	27.4	18.67	30.25	299	10	A	H
CH 06		2371.18	56.52	-17.48	74	40.69	27.67	18.45	30.29	107	109	P	V
2437MHz		2344.72	46.61	-7.39	54	30.69	27.81	18.4	30.29	107	109	A	V
	*	2437	109.38	-	-	93.65	27.43	18.57	30.27	107	109	P	V
	*	2437	101.56	-	-	85.83	27.43	18.57	30.27	107	109	A	V
		2484.53	60.76	-13.24	74	44.95	27.4	18.66	30.25	107	109	P	V
		2483.55	52.94	-1.06	54	37.13	27.4	18.66	30.25	107	109	A	V

		2335.06	56.07	-17.93	74	40.16	27.83	18.38	30.3	100	337	P	H
		2344.86	46.69	-7.31	54	30.77	27.81	18.4	30.29	100	337	A	H
	*	2447	101.3	-	-	85.56	27.41	18.59	30.26	100	337	P	H
	*	2447	93.26	-	-	77.52	27.4	18.6	30.26	100	337	A	H
802.11n		2485.23	57.32	-16.68	74	41.5	27.4	18.67	30.25	100	337	P	H
HT40		2483.97	48.34	-5.66	54	32.53	27.4	18.66	30.25	100	337	A	H
CH 08		2332.68	56.56	-17.44	74	40.65	27.83	18.38	30.3	100	40	P	V
2447MHz		2364.04	46.65	-7.35	54	30.79	27.72	18.43	30.29	100	40	A	V
	*	2447	107.07	-	-	91.33	27.41	18.59	30.26	100	40	P	V
	*	2447	99.02	-	-	83.28	27.41	18.59	30.26	100	40	A	V
		2484.11	61.94	-12.06	74	46.13	27.4	18.66	30.25	100	40	P	V
		2483.5	52.98	-1.02	54	37.17	27.4	18.66	30.25	100	40	A	V
		2320.08	56.34	-17.66	74	40.43	27.86	18.35	30.3	293	10	P	H
		2341.64	46.49	-7.51	54	30.57	27.82	18.39	30.29	293	10	A	H
	*	2452	96.11	-	-	80.37	27.4	18.6	30.26	293	10	P	H
	*	2452	88.06	-	-	72.32	27.4	18.6	30.26	293	10	A	H
802.11n		2483.69	57.31	-16.69	74	41.5	27.4	18.66	30.25	293	10	P	H
HT40		2484.95	48.02	-5.98	54	32.2	27.4	18.67	30.25	293	10	A	H
CH 09		2317	57.15	-16.85	74	41.23	27.87	18.35	30.3	106	109	P	V
2452MHz		2389.52	46.38	-7.62	54	30.62	27.56	18.48	30.28	106	109	A	V
	*	2452	102.72	-	-	86.98	27.4	18.6	30.26	106	109	P	V
	*	2452	94.42	-	-	78.68	27.4	18.6	30.26	106	109	A	V
		2484.11	62.85	-11.15	74	47.04	27.4	18.66	30.25	106	109	P	V
		2483.55	53.36	-0.64	54	37.55	27.4	18.66	30.25	106	109	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 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 2	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)
		4844	39.78	-34.22	74	50.6	31.19	13.36	55.37	100	0	P	H
		7266	44.61	-29.39	74	48.55	36.26	16.05	56.25	100	0	P	H
802.11n													H
HT40													H
CH 03		4844	40.09	-33.91	74	50.91	31.19	13.36	55.37	100	0	P	V
2422MHz		7266	45	-29	74	48.94	36.26	16.05	56.25	100	0	P	V
													V
													V
		4874	39.89	-34.11	74	50.75	31.15	13.36	55.37	100	0	P	H
		7311	45.62	-28.38	74	49.3	36.42	16.16	56.26	100	0	P	H
802.11n													H
HT40													H
CH 06		4874	39.58	-34.42	74	50.44	31.15	13.36	55.37	100	0	P	V
2437MHz		7311	45.73	-28.27	74	49.41	36.42	16.16	56.26	100	0	P	V
													V
													V
		4904	39.98	-34.02	74	50.88	31.12	13.36	55.38	100	0	P	H
		7356	45.43	-28.57	74	48.93	36.49	16.28	56.27	100	0	P	H
802.11n													H
HT40													H
CH 09		4904	39.44	-34.56	74	50.34	31.12	13.36	55.38	100	0	P	V
2452MHz		7356	45.97	-28.03	74	49.47	36.49	16.28	56.27	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Emission below 1GHz

2.4GHz WIFI 802.11b (LF)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
2.4GHz 802.11b LF		250.19	35.79	-10.21	46	47.33	18.52	2.67	32.73	-	-	P	H
		500.45	41.19	-4.81	46	45.91	24.16	3.78	32.66	168	88	Q	H
		600.36	36.62	-9.38	46	39.42	25.65	4.22	32.67	-	-	P	H
		719.67	37.64	-8.36	46	38.31	27.19	4.63	32.49	-	-	P	H
		885.54	39.68	-6.32	46	37.82	29.1	5.24	32.48	-	-	P	H
		898.15	39.84	-6.16	46	37.83	29.15	5.29	32.43	-	-	P	H
													H
													H
													H
													H
													H
													H
		53.28	31.4	-8.6	40	50.27	12.94	1.02	32.83	-	-	P	V
		95.96	34.2	-9.3	43.5	49.83	15.49	1.5	32.62	-	-	P	V
		500.45	42.69	-3.31	46	47.41	24.16	3.78	32.66	137	227	Q	V
		719.67	39.26	-6.74	46	39.93	27.19	4.63	32.49	-	-	P	V
		733.25	37.1	-8.9	46	37.1	27.89	4.66	32.55	-	-	P	V
		803.09	35.54	-10.46	46	35.38	28.06	4.95	32.85	-	-	P	V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against limit line.

<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.
1+3		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b CH 01 2412MHz		2388.33	58.14	-15.86	74	42.37	27.57	18.48	30.28	128	92	P	H
		2388.225	48.91	-5.09	54	33.14	27.57	18.48	30.28	128	92	A	H
	*	2412	117.95	-	-	102.22	27.48	18.52	30.27	128	92	P	H
	*	2412	114.97	-	-	99.24	27.48	18.52	30.27	128	92	A	H
													H
		2389.275	60.76	-13.24	74	45	27.56	18.48	30.28	109	60	P	V
		2390	51.3	-2.7	54	35.54	27.56	18.48	30.28	109	60	A	V
	*	2412	123.43	-	-	107.7	27.48	18.52	30.27	109	60	P	V
	*	2412	120.43	-	-	104.7	27.48	18.52	30.27	109	60	A	V
													V
802.11b CH 06 2437MHz		2352.42	56.93	-17.07	74	41.02	27.79	18.41	30.29	300	37	P	H
		2353.54	46.52	-7.48	54	30.62	27.78	18.41	30.29	300	37	A	H
	*	2437	115.57	-	-	99.84	27.43	18.57	30.27	300	37	P	H
	*	2437	112.59	-	-	96.86	27.43	18.57	30.27	300	37	A	H
		2490.13	57.21	-16.79	74	41.38	27.4	18.68	30.25	300	37	P	H
		2485.51	46.81	-7.19	54	30.99	27.4	18.67	30.25	300	37	A	H
		2383.22	56.76	-17.24	74	40.97	27.6	18.47	30.28	100	64	P	V
		2388.82	46.95	-7.05	54	31.18	27.57	18.48	30.28	100	64	A	V
	*	2437	122.57	-	-	106.84	27.43	18.57	30.27	100	64	P	V
	*	2437	119.49	-	-	103.76	27.43	18.57	30.27	100	64	A	V
		2485.65	58.17	-15.83	74	42.35	27.4	18.67	30.25	100	64	P	V
		2484.53	49.56	-4.44	54	33.75	27.4	18.66	30.25	100	64	A	V

802.11b CH 11 2462MHz	*	2462	115.91	-	-	100.15	27.4	18.62	30.26	107	93	P	H
	*	2462	112.85	-	-	97.09	27.4	18.62	30.26	107	93	A	H
		2486.16	57.76	-16.24	74	41.94	27.4	18.67	30.25	107	93	P	H
		2484.76	48.52	-5.48	54	32.7	27.4	18.67	30.25	107	93	A	H
													H
													H
	*	2462	122.15	-	-	106.39	27.4	18.62	30.26	100	59	P	V
	*	2462	119.06	-	-	103.3	27.4	18.62	30.26	100	59	A	V
		2484.32	61.81	-12.19	74	46	27.4	18.66	30.25	100	59	P	V
		2485.04	52.14	-1.86	54	36.32	27.4	18.67	30.25	100	59	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. 1+3	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	41.06	-32.94	74	51.91	31.15	13.36	55.36	100	0	P	H
													H
													H
													H
		4824	41.32	-32.68	74	52.17	31.15	13.36	55.36	100	0	P	V
													V
													V
													V
802.11b CH 06 2437MHz		4874	40.85	-33.15	74	51.71	31.15	13.36	55.37	100	0	P	H
		7311	57.28	-16.72	74	60.96	36.42	16.16	56.26	238	39	P	H
		7311	53.36	-0.64	54	57.04	36.42	16.16	56.26	238	39	A	H
													H
		4874	39.68	-34.32	74	50.54	31.15	13.36	55.37	100	0	P	V
		7311	56.69	-17.31	74	60.37	36.42	16.16	56.26	100	22	P	V
		7311	52.35	-1.65	54	56.03	36.42	16.16	56.26	100	22	A	V
													V
802.11b CH 11 2462MHz		4924	41.3	-32.7	74	52.12	31.2	13.36	55.38	100	0	P	H
		7386	55.76	-18.24	74	59.25	36.43	16.36	56.28	249	20	P	H
		7386	51.33	-2.67	54	54.82	36.43	16.36	56.28	249	20	A	H
													H
		4924	39.94	-34.06	74	50.76	31.2	13.36	55.38	100	0	P	V
		7386	56.1	-17.9	74	59.59	36.43	16.36	56.28	100	350	P	V
		7386	51.68	-2.32	54	55.17	36.43	16.36	56.28	100	350	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

2.4GHz 2400~2483.5MHz

WIFI 802.11g (Band Edge @ 3m)

WIFI Ant. 1+3	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		2389.905	59.93	-14.07	74	44.17	27.56	18.48	30.28	127	93	P	H
		2390	49.77	-4.23	54	34.01	27.56	18.48	30.28	127	93	A	H
	*	2412	113.88	-	-	98.15	27.48	18.52	30.27	127	93	P	H
	*	2412	107.12	-	-	91.39	27.48	18.52	30.27	127	93	A	H
													H
													H
		2388.855	63.59	-10.41	74	47.82	27.57	18.48	30.28	100	55	P	V
		2389.065	52.3	-1.7	54	36.53	27.57	18.48	30.28	100	55	A	V
	*	2412	120.61	-	-	104.88	27.48	18.52	30.27	100	55	P	V
	*	2412	112.71	-	-	96.98	27.48	18.52	30.27	100	55	A	V
													V
													V
802.11g CH 06 2437MHz		2378.04	56.58	-17.42	74	40.77	27.63	18.46	30.28	150	85	P	H
		2389.94	46.68	-7.32	54	30.92	27.56	18.48	30.28	150	85	A	H
	*	2437	117	-	-	101.27	27.43	18.57	30.27	150	85	P	H
	*	2437	109.29	-	-	93.56	27.43	18.57	30.27	150	85	A	H
		2483.69	59.6	-14.4	74	43.79	27.4	18.66	30.25	150	85	P	H
		2483.5	49.26	-4.74	54	33.45	27.4	18.66	30.25	150	85	A	H
		2322.74	57.03	-16.97	74	41.12	27.85	18.36	30.3	100	60	P	V
		2389.52	48.02	-5.98	54	32.26	27.56	18.48	30.28	100	60	A	V
	*	2437	122.83	-	-	107.1	27.43	18.57	30.27	100	60	P	V
	*	2437	115.53	-	-	99.8	27.43	18.57	30.27	100	60	A	V
		2485.79	61.9	-12.1	74	46.08	27.4	18.67	30.25	100	60	P	V
		2483.5	51.84	-2.16	54	36.03	27.4	18.66	30.25	100	60	A	V

802.11g CH 10 2457MHz	*	2457	114.95	-	-	99.2	27.4	18.61	30.26	100	92	P	H
	*	2457	107.28	-	-	91.53	27.4	18.61	30.26	100	92	A	H
		2483.8	59.97	-14.03	74	44.16	27.4	18.66	30.25	100	92	P	H
		2483.6	48.45	-5.55	54	32.64	27.4	18.66	30.25	100	92	A	H
													H
													H
	*	2457	121.66	-	-	105.91	27.4	18.61	30.26	102	64	P	V
	*	2457	114.54	-	-	98.79	27.4	18.61	30.26	102	64	A	V
		2486.6	62.04	-11.96	74	46.22	27.4	18.67	30.25	102	64	P	V
		2483.56	52.09	-1.91	54	36.28	27.4	18.66	30.25	102	64	A	V
													V
													V
802.11g CH 11 2462MHz	*	2462	111.5	-	-	95.74	27.4	18.62	30.26	100	86	P	H
	*	2462	103.55	-	-	87.79	27.4	18.62	30.26	100	86	A	H
		2483.52	61.3	-12.7	74	45.49	27.4	18.66	30.25	100	86	P	H
		2483.52	50.44	-3.56	54	34.63	27.4	18.66	30.25	100	86	A	H
													H
													H
	*	2462	118.24	-	-	102.48	27.4	18.62	30.26	100	57	P	V
	*	2462	110.38	-	-	94.62	27.4	18.62	30.26	100	57	A	V
		2483.64	62.16	-11.84	74	46.35	27.4	18.66	30.25	100	57	P	V
		2483.52	53.52	-0.48	54	37.71	27.4	18.66	30.25	100	57	A	V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.

2.4GHz 2400~2483.5MHz

WIFI 802.11g (Harmonic @ 3m)

WIFI Ant. 1+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11g CH 01 2412MHz		4824	40.32	-33.68	74	51.17	31.15	13.36	55.36	100	0	P	H
													H
													H
													H
		4824	39.94	-34.06	74	50.79	31.15	13.36	55.36	100	0	P	V
													V
													V
													V
802.11g CH 06 2437MHz		4874	40.6	-33.4	74	51.46	31.15	13.36	55.37	100	0	P	H
		7311	56.9	-17.1	74	60.58	36.42	16.16	56.26	100	19	P	H
		7311	46.93	-7.07	54	50.61	36.42	16.16	56.26	100	19	A	H
													H
		4874	40.52	-33.48	74	51.38	31.15	13.36	55.37	100	0	P	V
		7311	54.96	-19.04	74	58.64	36.42	16.16	56.26	150	341	P	V
		7311	44.14	-9.86	54	47.82	36.42	16.16	56.26	150	341	A	V
													V
802.11g CH 11 2462MHz		4924	40.05	-33.95	74	50.87	31.2	13.36	55.38	100	0	P	H
		7386	46.78	-27.22	74	50.27	36.43	16.36	56.28	100	0	P	H
													H
													H
		4924	40.8	-33.2	74	51.62	31.2	13.36	55.38	100	0	P	V
		7386	45.84	-28.16	74	49.33	36.43	16.36	56.28	100	0	P	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 (Band Edge @ 3m)

WIFI Ant. 1+3	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)
		2313.465	57.13	-16.87	74	41.22	27.87	18.34	30.3	123	91	P	H
		2389.905	45.47	-8.53	54	29.71	27.56	18.48	30.28	123	91	A	H
	*	2412	111.85	-	-	96.12	27.48	18.52	30.27	123	91	P	H
	*	2412	102.83	-	-	87.1	27.48	18.52	30.27	123	91	A	H
802.11ax													H
HE20 Full													H
CH 01		2389.905	62.96	-11.04	74	47.2	27.56	18.48	30.28	100	77	P	V
2412MHz		2390	53.7	-0.3	54	37.94	27.56	18.48	30.28	100	77	A	V
	*	2412	117.67	-	-	101.94	27.48	18.52	30.27	100	77	P	V
	*	2412	109.37	-	-	93.64	27.48	18.52	30.27	100	77	A	V
													V
													V
		2389.38	62.38	-11.62	74	46.62	27.56	18.48	30.28	101	90	P	H
		2390	52.96	-1.04	54	37.2	27.56	18.48	30.28	101	90	A	H
	*	2417	116.2	-	-	100.47	27.47	18.53	30.27	101	90	P	H
	*	2417	107.42	-	-	91.69	27.47	18.53	30.27	101	90	A	H
802.11ax													H
HE20 Full													H
CH 02		2390	61	-13	74	45.24	27.56	18.48	30.28	101	73	P	V
2417MHz		2390	51.09	-2.91	54	35.33	27.56	18.48	30.28	101	73	A	V
	*	2417	122.98	-	-	107.25	27.47	18.53	30.27	101	73	P	V
	*	2417	114.59	-	-	98.86	27.47	18.53	30.27	101	73	A	V
													V
													V

WIFI Ant. 1+3	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)
		2359.42	57.69	-16.31	74	41.82	27.74	18.42	30.29	100	89	P	H
		2389.8	45.92	-8.08	54	30.16	27.56	18.48	30.28	100	89	A	H
	*	2437	115.8	-	-	100.07	27.43	18.57	30.27	100	89	P	H
	*	2437	107.75	-	-	92.02	27.43	18.57	30.27	100	89	A	H
802.11ax		2484.39	58.19	-15.81	74	42.38	27.4	18.66	30.25	100	89	P	H
HE20 Full		2483.5	47.86	-6.14	54	32.05	27.4	18.66	30.25	100	89	A	H
CH 06		2389.66	58.83	-15.17	74	43.07	27.56	18.48	30.28	104	76	P	V
2437MHz		2389.94	48.29	-5.71	54	32.53	27.56	18.48	30.28	104	76	A	V
	*	2437	123.91	-	-	108.18	27.43	18.57	30.27	104	76	P	V
	*	2437	115.36	-	-	99.63	27.43	18.57	30.27	104	76	A	V
		2483.9	63.88	-10.12	74	48.07	27.4	18.66	30.25	104	76	P	V
		2483.5	53.33	-0.67	54	37.52	27.4	18.66	30.25	104	76	A	V
	*	2452	116.52	-	-	100.78	27.4	18.6	30.26	119	91	P	H
	*	2452	107.04	-	-	91.3	27.4	18.6	30.26	119	91	A	H
		2483.56	60.55	-13.45	74	44.74	27.4	18.66	30.25	119	91	P	H
		2483.52	49.4	-4.6	54	33.59	27.4	18.66	30.25	119	91	A	H
8802.11ax													H
HE20 Full													H
CH 09	*	2452	122.97	-	-	107.23	27.4	18.6	30.26	104	66	P	V
2452MHz	*	2452	114.45	-	-	98.71	27.4	18.6	30.26	104	66	A	V
		2483.64	64.27	-9.73	74	48.46	27.4	18.66	30.25	104	66	P	V
		2483.52	52.93	-1.07	54	37.12	27.4	18.66	30.25	104	66	A	V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.

WIFI Ant. 1+3	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)
	*	2457	112.42	-	-	96.67	27.4	18.61	30.26	100	91	P	H
	*	2457	103.74	-	-	87.99	27.4	18.61	30.26	100	91	A	H
		2483.84	57.55	-16.45	74	41.74	27.4	18.66	30.25	100	91	P	H
		2484.36	46.29	-7.71	54	30.48	27.4	18.66	30.25	100	91	A	H
802.11ax													H
HE20 Full													H
CH 10	*	2457	120.71	-	-	104.96	27.4	18.61	30.26	106	64	P	V
2457MHz	*	2457	111.79	-	-	96.04	27.4	18.61	30.26	106	64	A	V
		2483.52	65.71	-8.29	74	49.9	27.4	18.66	30.25	106	64	P	V
		2483.52	53.18	-0.82	54	37.37	27.4	18.66	30.25	106	64	A	V
													V
													V
	*	2462	111.45	-	-	95.69	27.4	18.62	30.26	100	90	P	H
	*	2462	103.64	-	-	87.88	27.4	18.62	30.26	100	90	A	H
		2483.72	64.64	-9.36	74	48.83	27.4	18.66	30.25	100	90	P	H
		2483.52	53.05	-0.95	54	37.24	27.4	18.66	30.25	100	90	A	H
8802.11ax													H
HE20 Full													H
CH 11	*	2462	119.39	-	-	103.63	27.4	18.62	30.26	100	74	P	V
2462MHz	*	2462	111.32	-	-	95.56	27.4	18.62	30.26	100	74	A	V
		2483.96	66.44	-7.56	74	50.63	27.4	18.66	30.25	100	74	P	V
		2487.08	53.76	-0.24	54	37.94	27.4	18.67	30.25	100	74	A	V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.

2.4GHz 2400~2483.5MHz

WIFI 802.11 ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 1+3	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)
		4824	39.73	-34.27	74	50.58	31.15	13.36	55.36	100	0	P	H
													H
802.11ax													H
HE20 Full													H
CH 01		4824	40.33	-33.67	74	51.18	31.15	13.36	55.36	100	0	P	V
2412MHz													V
													V
													V
		4874	40.1	-33.9	74	50.96	31.15	13.36	55.37	100	0	P	H
		7311	58.58	-15.42	74	62.26	36.42	16.16	56.26	111	18	P	H
802.11ax		7311	45.71	-8.29	54	49.39	36.42	16.16	56.26	111	18	A	H
HE20 Full													H
CH 06		4874	41.32	-32.68	74	52.18	31.15	13.36	55.37	100	0	P	V
2437MHz		7311	54.93	-19.07	74	58.61	36.42	16.16	56.26	150	342	P	V
		7311	43.71	-10.29	54	47.39	36.42	16.16	56.26	150	342	A	V
													V
		4924	40.64	-33.36	74	51.46	31.2	13.36	55.38	100	0	P	H
		7386	46.39	-27.61	74	49.88	36.43	16.36	56.28	100	0	P	H
802.11ax													H
HE20 Full													H
CH 11		4924	39.85	-34.15	74	50.67	31.2	13.36	55.38	100	0	P	V
2462MHz		7386	45.77	-28.23	74	49.26	36.43	16.36	56.28	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

2.4GHz 2400~2483.5MHz

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

WIFI Ant. 1+3	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)
		2352.28	56.84	-17.16	74	40.93	27.79	18.41	30.29	126	91	P	H
		2387	45.97	-8.03	54	30.19	27.58	18.48	30.28	126	91	A	H
	*	2422	107.94	-	-	92.21	27.46	18.54	30.27	126	91	P	H
	*	2422	99.78	-	-	84.05	27.46	18.54	30.27	126	91	A	H
802.11ax		2496.15	56.2	-17.8	74	40.36	27.4	18.69	30.25	126	91	P	H
HE40 Full		2484.04	45.32	-8.68	54	29.51	27.4	18.66	30.25	126	91	A	H
CH 03		2388.4	62.88	-11.12	74	47.11	27.57	18.48	30.28	100	77	P	V
2422MHz		2389.52	52.64	-1.36	54	36.88	27.56	18.48	30.28	100	77	A	V
	*	2422	116.11	-	-	100.38	27.46	18.54	30.27	100	77	P	V
	*	2422	107.13	-	-	91.4	27.46	18.54	30.27	100	77	A	V
		2485.58	58.09	-15.91	74	42.27	27.4	18.67	30.25	100	77	P	V
		2486	46.27	-7.73	54	30.45	27.4	18.67	30.25	100	77	A	V
		2310	56.3	-17.7	74	40.39	27.88	18.33	30.3	101	90	P	H
		2389.94	45.09	-8.91	54	29.33	27.56	18.48	30.28	101	90	A	H
	*	2437	106.65	-	-	90.92	27.43	18.57	30.27	101	90	P	H
	*	2437	97.35	-	-	81.62	27.43	18.57	30.27	101	90	A	H
802.11ax		2497.27	56.89	-17.11	74	41.05	27.4	18.69	30.25	101	90	P	H
HE40 Full		2487.19	45.55	-8.45	54	29.73	27.4	18.67	30.25	101	90	A	H
CH 06		2374.82	56.76	-17.24	74	40.95	27.65	18.45	30.29	105	75	P	V
2437MHz		2324.7	45.12	-8.88	54	29.21	27.85	18.36	30.3	105	75	A	V
	*	2437	114.24	-	-	98.51	27.43	18.57	30.27	105	75	P	V
	*	2437	104.75	-	-	89.02	27.43	18.57	30.27	105	75	A	V
		2483.76	63.04	-10.96	74	47.23	27.4	18.66	30.25	105	75	P	V
		2483.5	53.33	-0.67	54	37.52	27.4	18.66	30.25	105	75	A	V

WIFI Ant. 1+3	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)
		2372.44	56.44	-17.56	74	40.61	27.67	18.45	30.29	100	91	P	H
		2356.62	45.1	-8.9	54	29.21	27.76	18.42	30.29	100	91	A	H
	*	2452	107.44	-	-	91.7	27.4	18.6	30.26	100	91	P	H
	*	2452	97.84	-	-	82.1	27.4	18.6	30.26	100	91	A	H
802.11ax		2484.04	59.94	-14.06	74	44.13	27.4	18.66	30.25	100	91	P	H
HE40 Full		2483.55	49.19	-4.81	54	33.38	27.4	18.66	30.25	100	91	A	H
CH 09		2339.96	56.54	-17.46	74	40.62	27.82	18.39	30.29	104	74	P	V
2452MHz		2358.3	44.95	-9.05	54	29.07	27.75	18.42	30.29	104	74	A	V
	*	2452	114.99	-	-	99.25	27.4	18.6	30.26	104	74	P	V
	*	2452	105.06	-	-	89.32	27.4	18.6	30.26	104	74	A	V
		2485.44	65.25	-8.75	74	49.43	27.4	18.67	30.25	104	74	P	V
		2487.68	53.09	-0.91	54	37.27	27.4	18.67	30.25	104	74	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)

WIFI Ant. 1+3	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)
		4844	40.2	-33.8	74	51.02	31.19	13.36	55.37	100	0	P	H
		7266	45.11	-28.89	74	49.05	36.26	16.05	56.25	100	0	P	H
802.11ax													H
HE40 Full													H
CH 03		4844	39.77	-34.23	74	50.59	31.19	13.36	55.37	100	0	P	V
2422MHz		7266	44.71	-29.29	74	48.65	36.26	16.05	56.25	100	0	P	V
													V
													V
		4874	40.47	-33.53	74	51.33	31.15	13.36	55.37	100	0	P	H
		7311	46.2	-27.8	74	49.88	36.42	16.16	56.26	100	0	P	H
802.11ax													H
HE40 Full													H
CH 06		4874	39.85	-34.15	74	50.71	31.15	13.36	55.37	100	0	P	V
2437MHz		7311	46.01	-27.99	74	49.69	36.42	16.16	56.26	100	0	P	V
													V
													V
		4904	40.12	-33.88	74	51.02	31.12	13.36	55.38	100	0	P	H
		7356	45.33	-28.67	74	48.83	36.49	16.28	56.27	100	0	P	H
802.11ax													H
HE40 Full													H
CH 09		4904	40.36	-33.64	74	51.26	31.12	13.36	55.38	100	0	P	V
2452MHz		7356	45.43	-28.57	74	48.93	36.49	16.28	56.27	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Emission below 1GHz

2.4GHz WIFI 802.11ax HE20 (LF)

WIFI Ant. 1+3	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)
		268.62	38.04	-7.96	46	48.55	19.39	2.76	32.66	-	-	P	H
		281.23	37.61	-8.39	46	48.51	18.9	2.82	32.62	-	-	P	H
		527.61	38.09	-7.91	46	42.72	24.12	3.91	32.66	-	-	P	H
		708.03	39.24	-6.76	46	40.35	26.73	4.6	32.44	-	-	P	H
		719.67	39.49	-6.51	46	40.16	27.19	4.63	32.49	112	33	Q	H
		885.54	38.54	-7.46	46	36.68	29.1	5.24	32.48	-	-	P	H
													H
													H
													H
													H
2.4GHz													H
802.11ax													H
HE20		52.31	31.66	-8.34	40	50.21	13.29	1	32.84	-	-	P	V
LF		94.02	35.36	-8.14	43.5	51.25	15.26	1.48	32.63	-	-	P	V
		500.45	40.52	-5.48	46	45.24	24.16	3.78	32.66	128	117	Q	V
		600.36	34.88	-11.12	46	37.68	25.65	4.22	32.67	-	-	P	V
		719.67	36.69	-9.31	46	37.36	27.19	4.63	32.49	-	-	P	V
		729.37	37.68	-8.32	46	37.83	27.74	4.65	32.54	-	-	P	V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against limit line.

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	**P**eak or **A**verage
H/V	**H**orizontal or **V**ertical

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

1. Path Loss(dB) = Cable loss(dB) + Filter loss(dB) + Attenuator loss(dB)
2. Level(dBμV/m) =

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

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

For Peak Limit @ 2390MHz:

1. Level(dBμV/m)

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

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

= 55.45 (dBμV/m)

2. Over Limit(dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 55.45(dBμV/m) – 74(dBμV/m)

= -18.55(dB)

For Average Limit @ 2390MHz:

1. Level(dBμV/m)

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

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

= 43.54 (dBμV/m)

2. Over Limit(dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 43.54(dBμV/m) – 54(dBμV/m)

= -10.46(dB)

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

Appendix D. Radiated Spurious Emission Plots

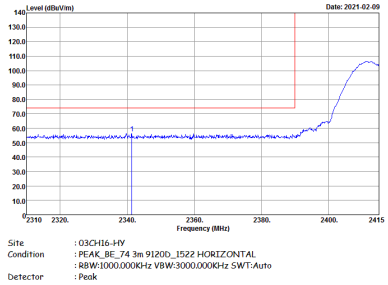
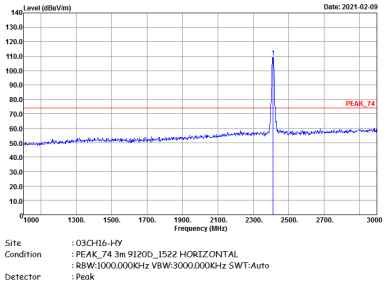
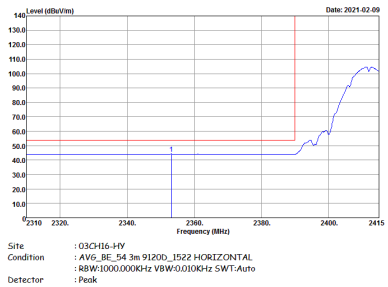
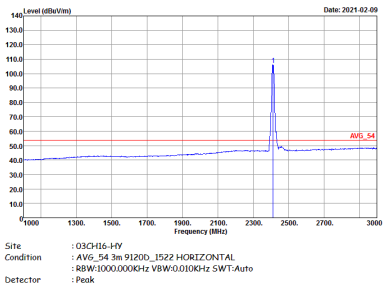
Test Engineer :	Karl Hou, Caster Liao and Andy Yang	**Temperature :**	20~25°C
		Relative Humidity :	50~60%

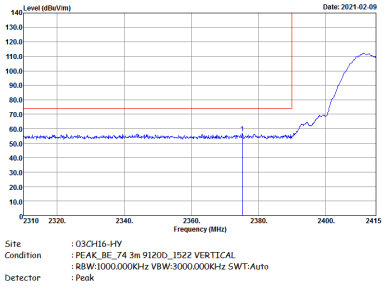
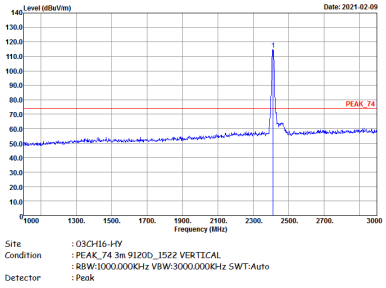
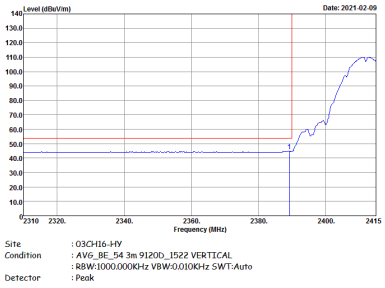
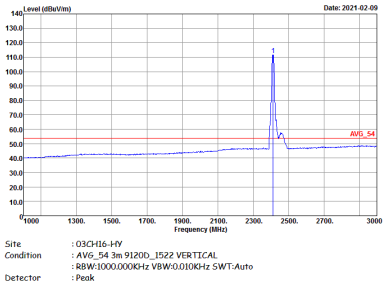
Note symbol

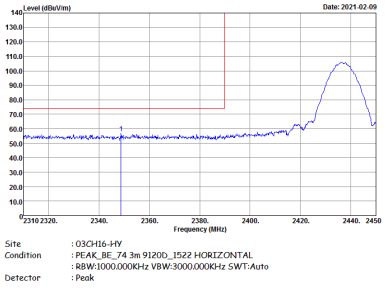
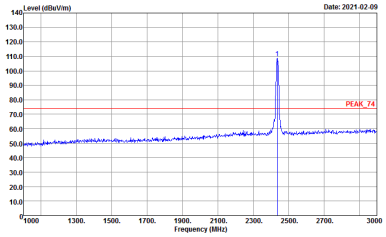
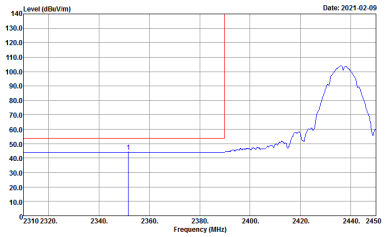
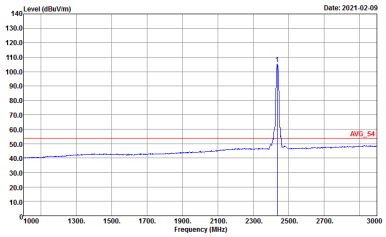
-L	**Low channel location**
-R	**High channel location**

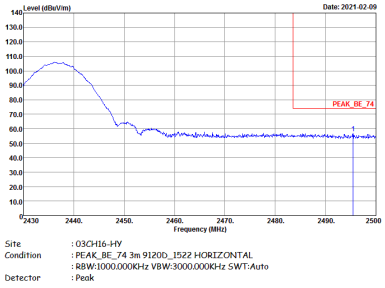
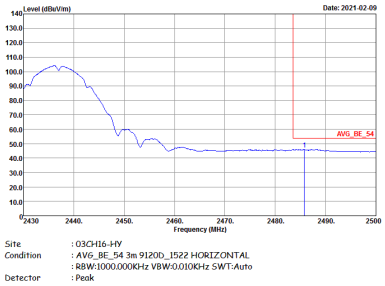
2.4GHz 2400~2483.5MHz

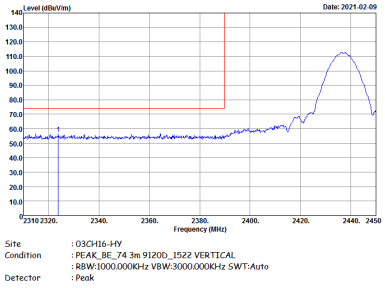
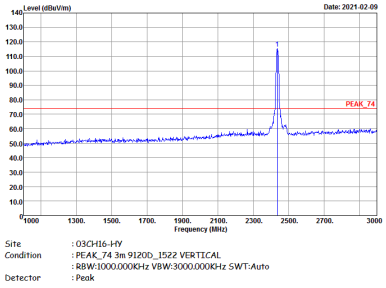
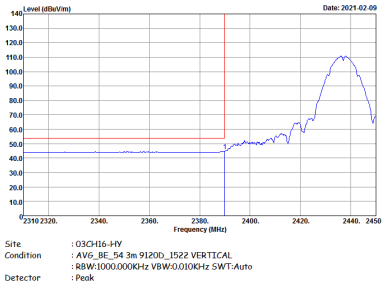
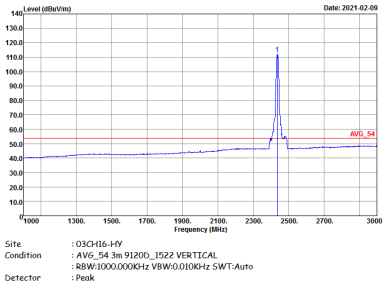
WIFI 802.11b (Band Edge @ 3m)

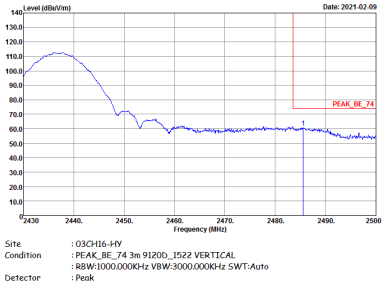
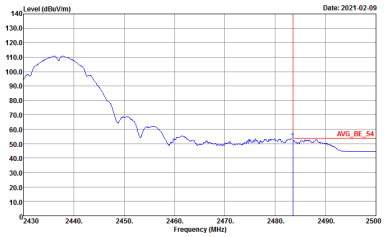
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH01 2412MHz	
2	Horizontal	Fundamental
Peak		
Avg.		

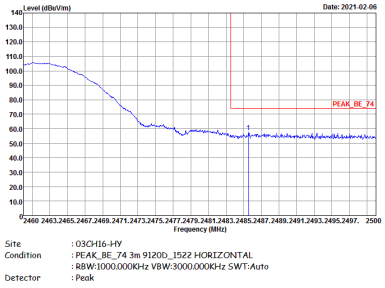
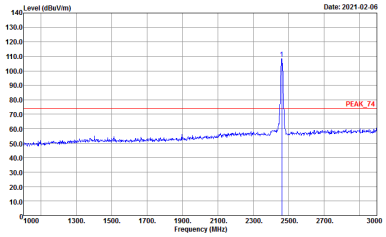
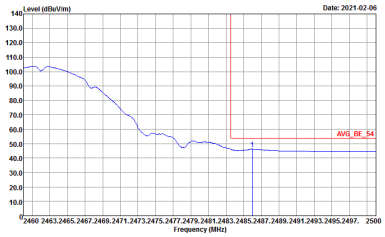
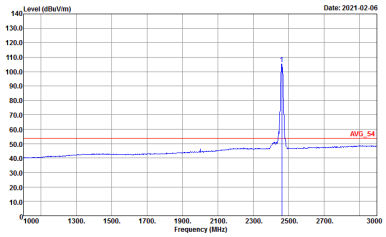
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH01 2412MHz	
2	Vertical	Fundamental
Peak		
Avg.		

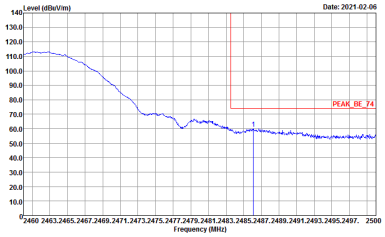
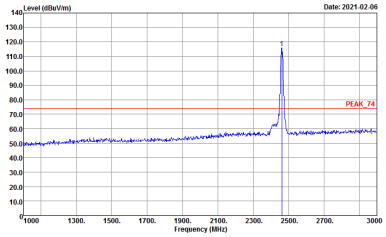
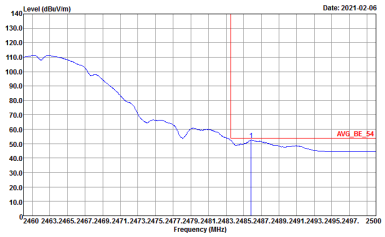
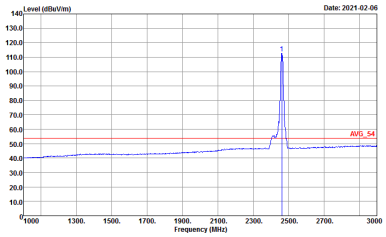
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - L	
2	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak

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

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - L	
2	Vertical	Fundamental
Peak		
Avg.		

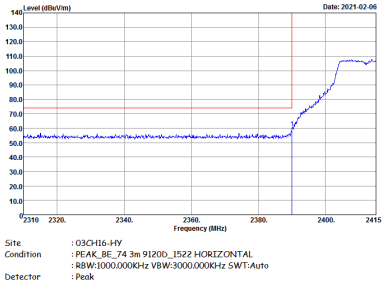
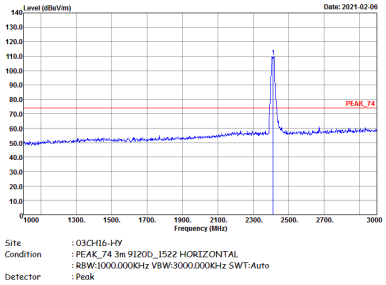
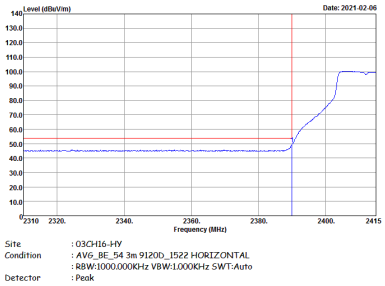
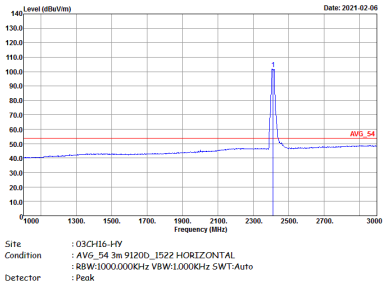
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
2	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak	Left blank

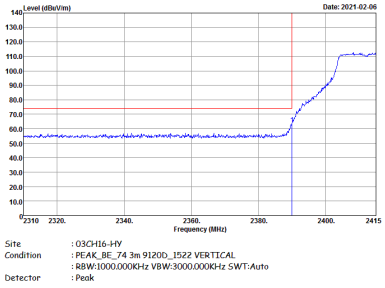
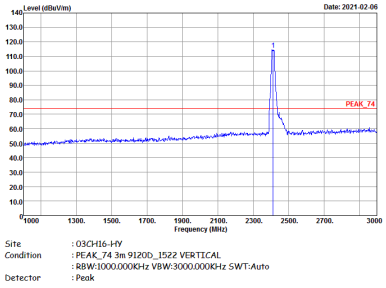
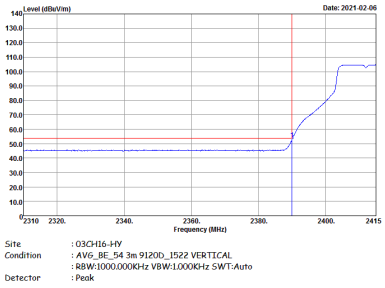
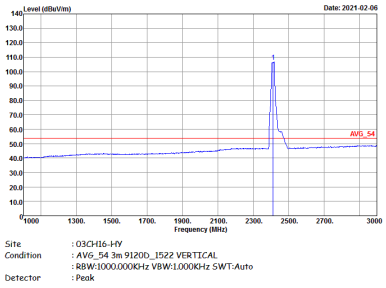
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH11 2462MHz	
2	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak

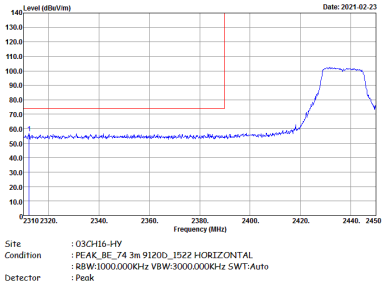
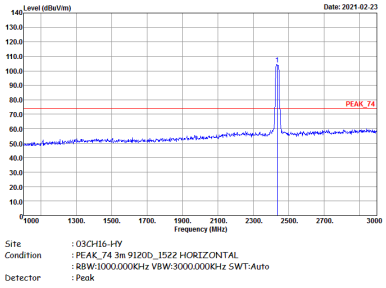
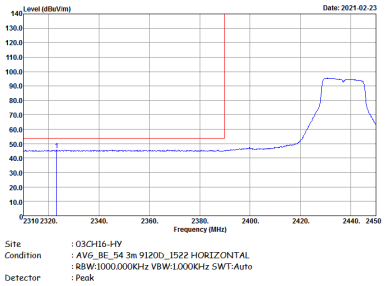
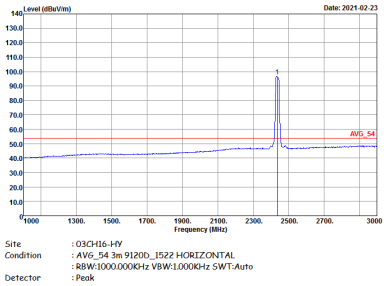
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH11 2462MHz	
2	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak

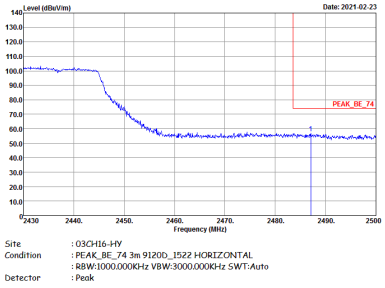
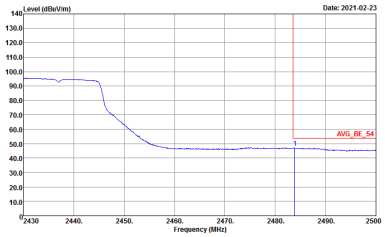
2.4GHz 2400~2483.5MHz

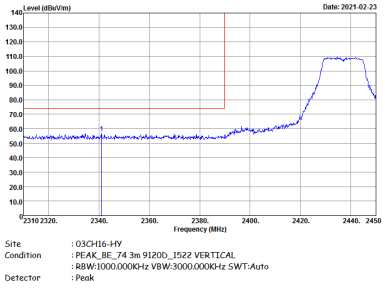
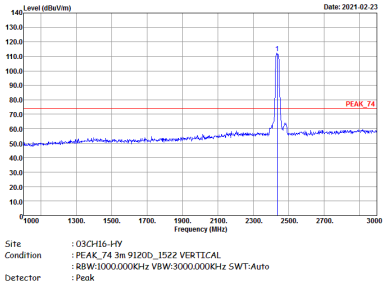
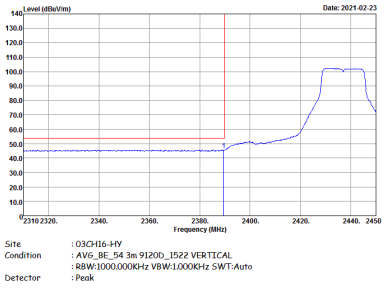
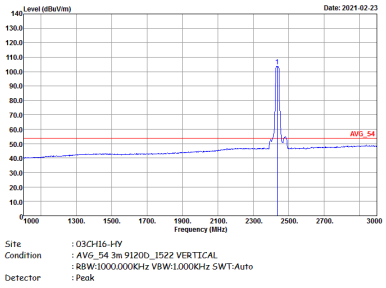
WIFI 802.11g (Band Edge @ 3m)

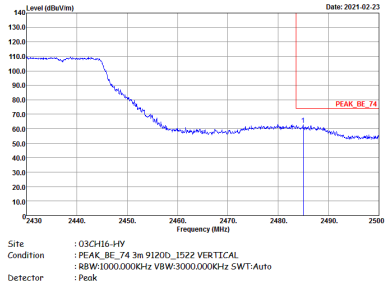
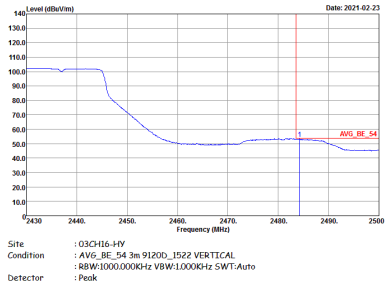
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH01 2412MHz	
2	Horizontal	Fundamental
Peak		
Avg.		

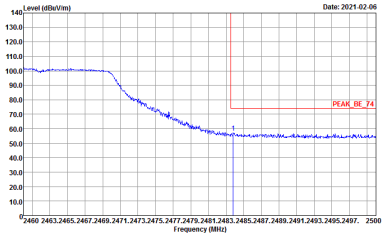
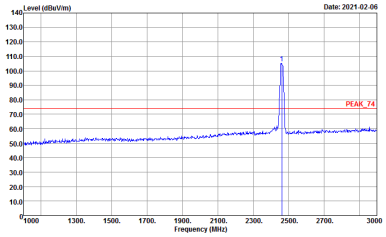
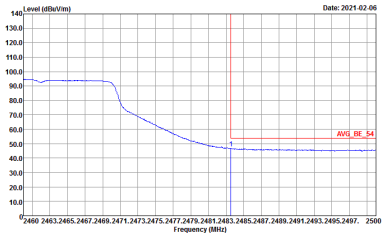
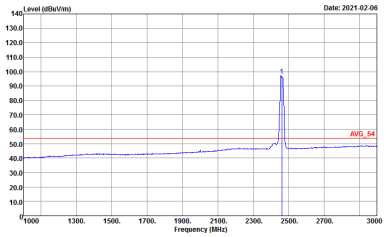
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH01 2412MHz	
2	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak

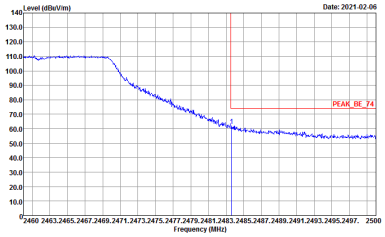
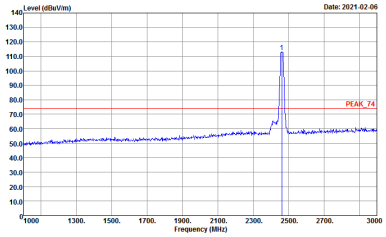
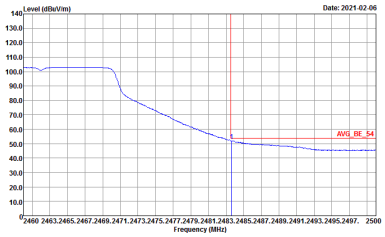
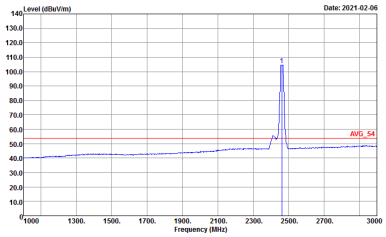
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - L	
2	Horizontal	Fundamental
Peak		
Avg.		

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
2	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak	Left blank

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - L	
2	Vertical	Fundamental
Peak		
Avg.		

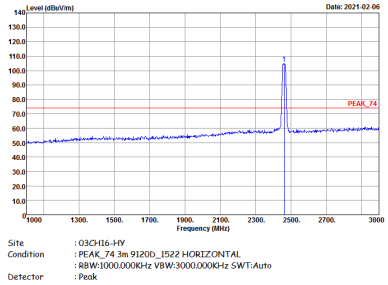
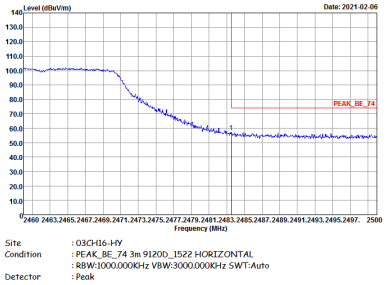
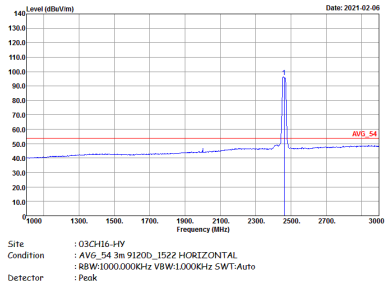
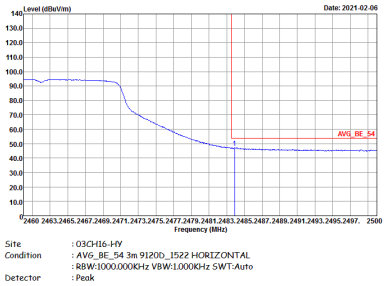
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
2	Vertical	Fundamental
Peak		Left Blank
Avg.		Left Blank

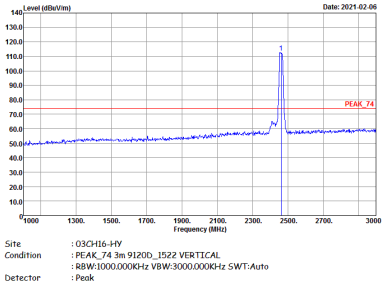
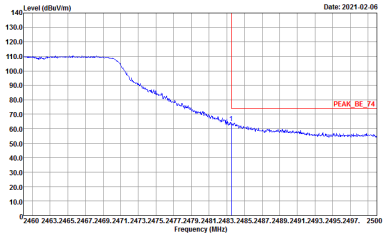
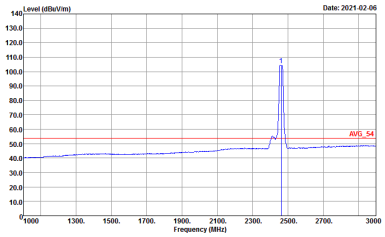
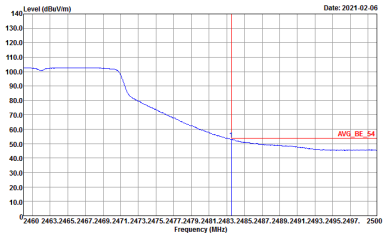
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH11 2462MHz	
2	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak

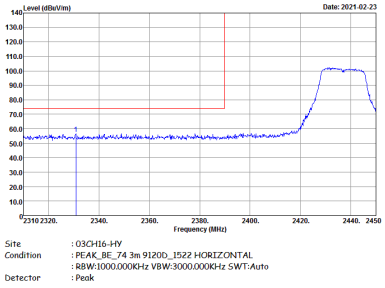
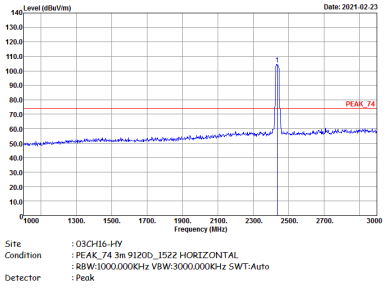
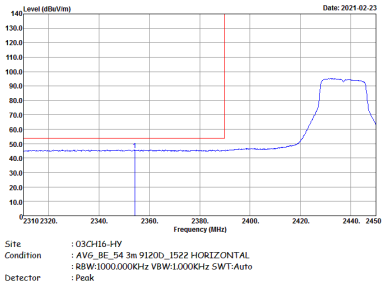
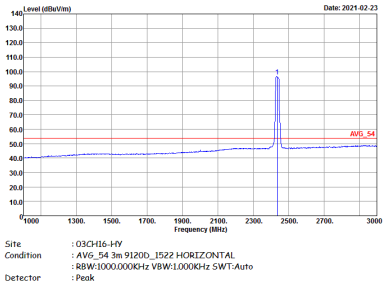
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH11 2462MHz	
2	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak

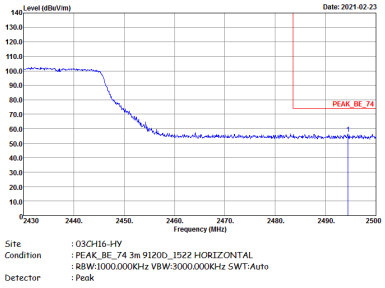
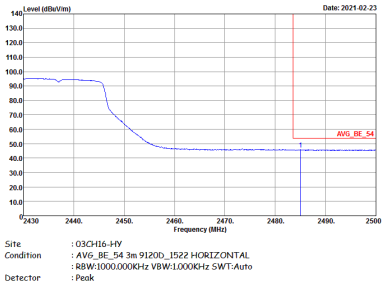
2.4GHz 2400~2483.5MHz

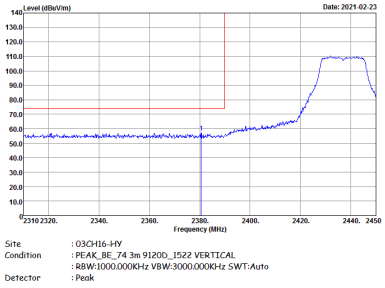
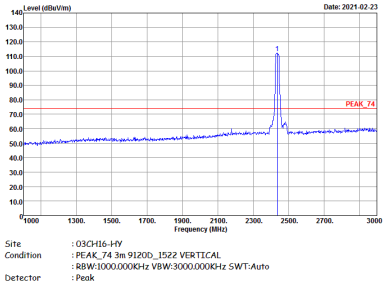
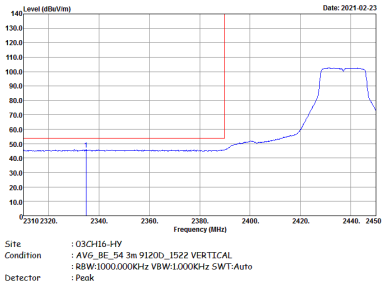
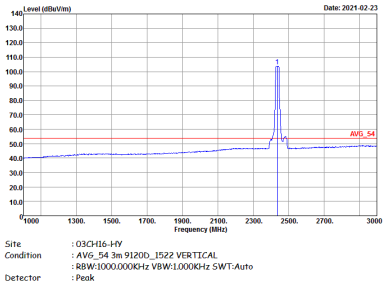
WIFI 802.11n HT20 (Band Edge @ 3m)

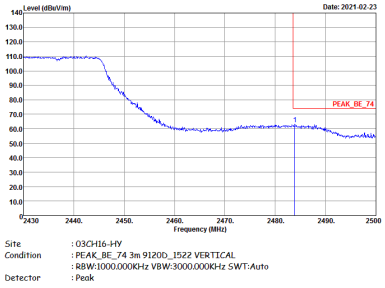
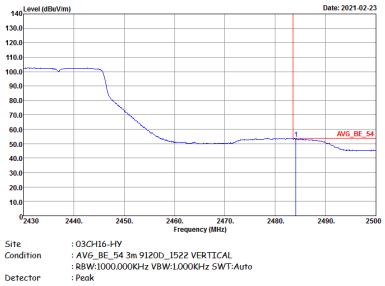
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH01 2412MHz	
2	Horizontal	Fundamental
Peak		
Avg.		

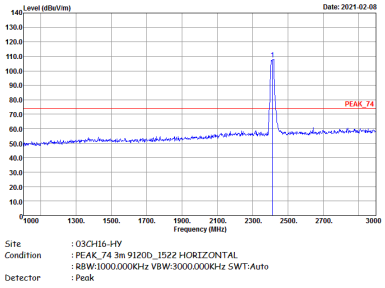
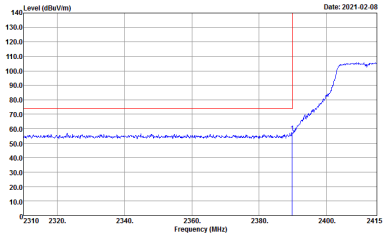
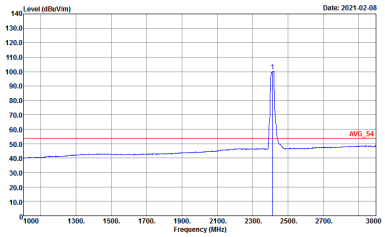
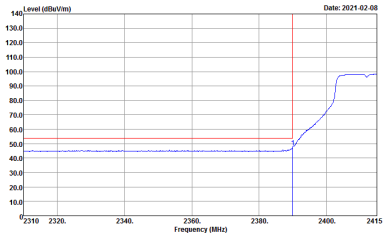
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH01 2412MHz	
2	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak
Avg.	 Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak

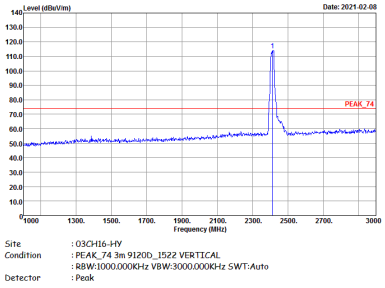
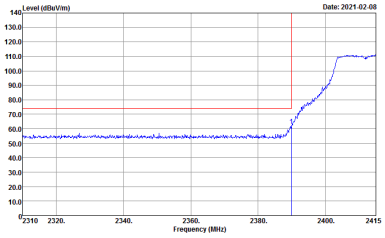
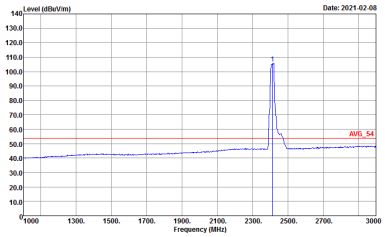
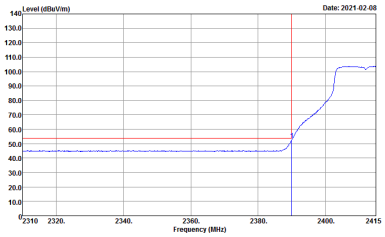
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH06 2437MHz - L	
2	Horizontal	Fundamental
Peak		
Avg.		

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH06 2437MHz - R	
2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH06 2437MHz - L	
2	Vertical	Fundamental
Peak		
Avg.		

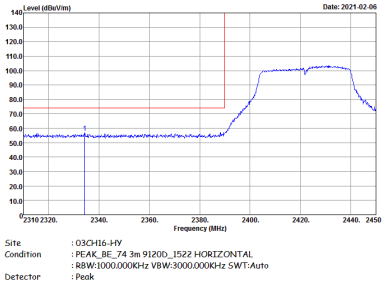
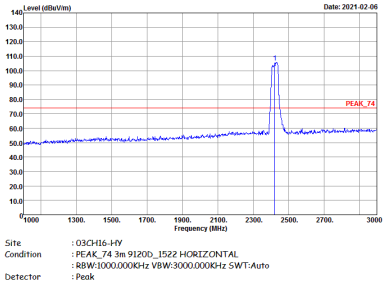
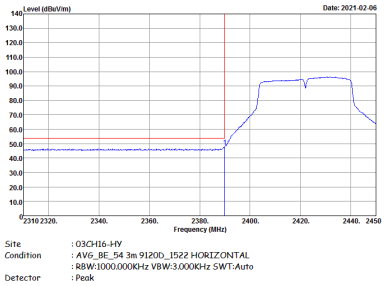
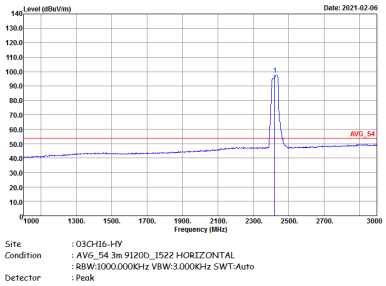
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH06 2437MHz - R	
2	Vertical	Fundamental
Peak		Left Blank
Avg.		Left Blank

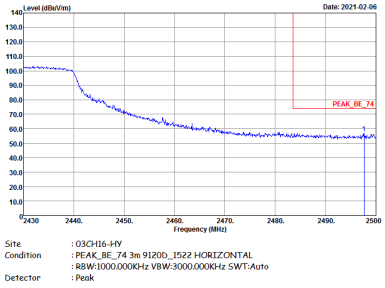
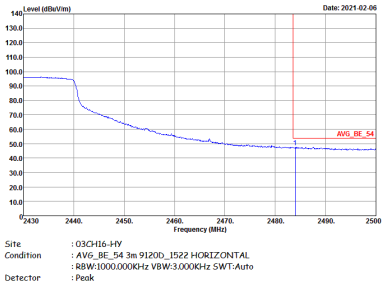
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH11 2462MHz	
2	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak
Avg.	 Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak

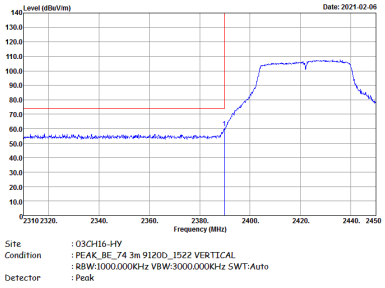
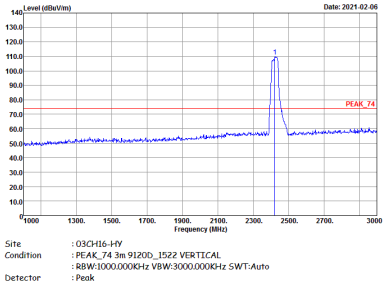
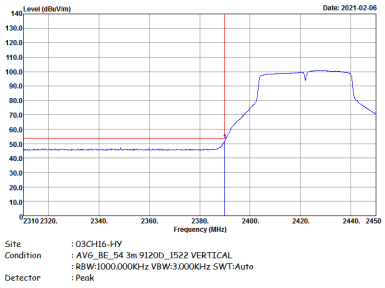
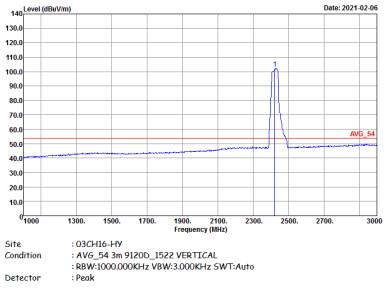
WIFI	2.4GHz 2400~2483.5MHz Fundamental @ 3m	
ANT	802.11n HT20 CH11 2462MHz	
2	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak
Avg.	 Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak

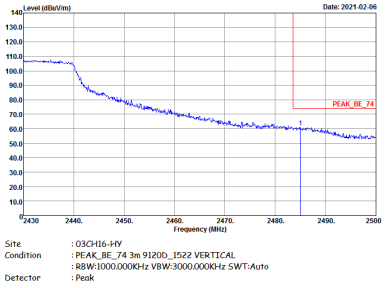
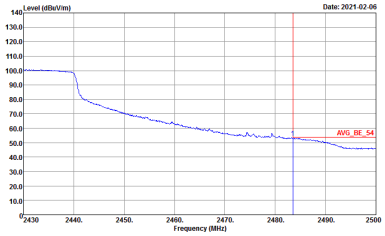
2.4GHz 2400~2483.5MHz

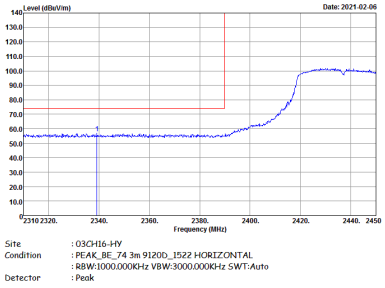
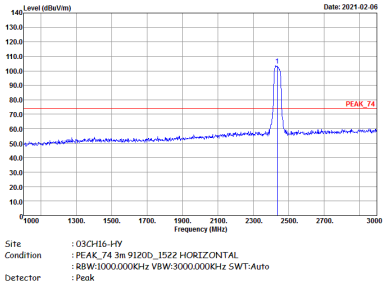
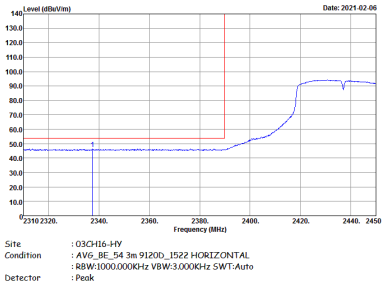
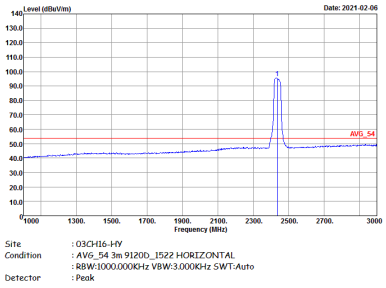
WIFI 802.11n HT40 (Band Edge @ 3m)

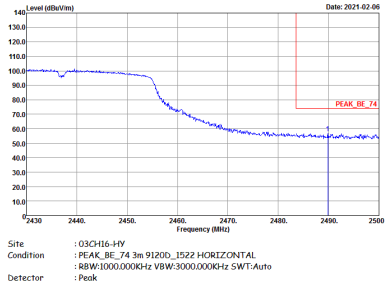
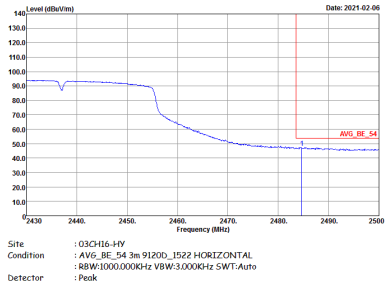
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH03 2422MHz - L	
2	Horizontal	Fundamental
Peak		
Avg.		

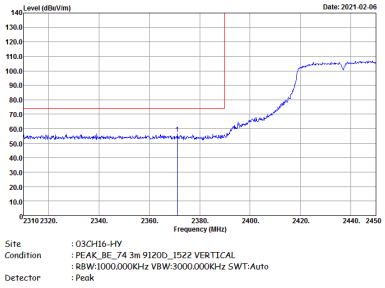
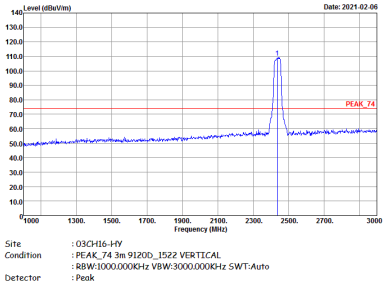
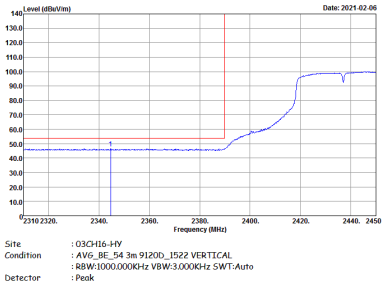
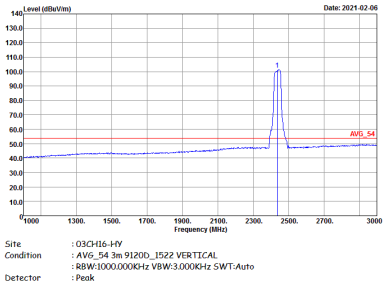
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH03 2422MHz - R	
2	Horizontal	Fundamental
Peak		Left Blank
Avg.		Left Blank

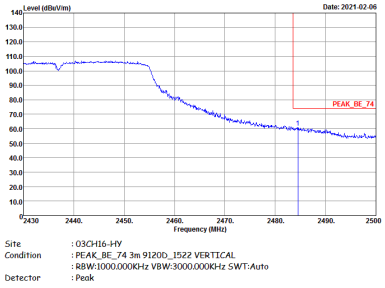
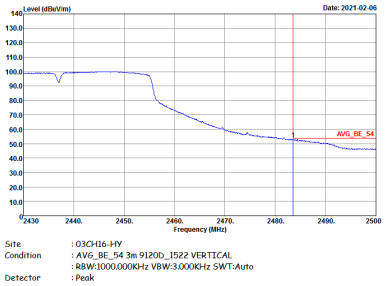
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH03 2422MHz - L	
2	Vertical	Fundamental
Peak		
Avg.		

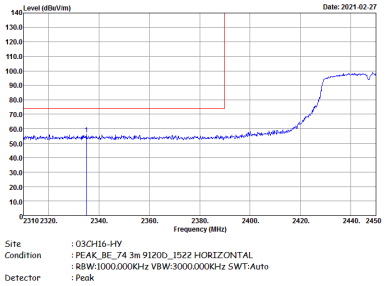
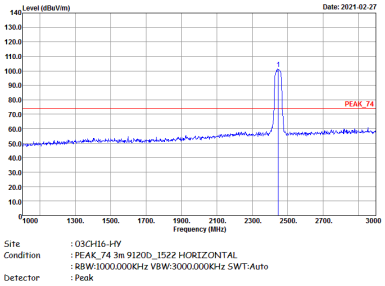
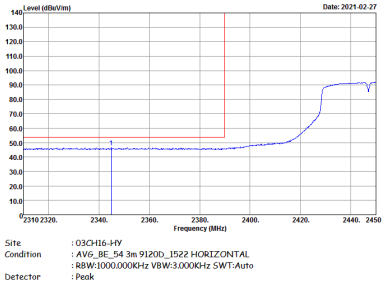
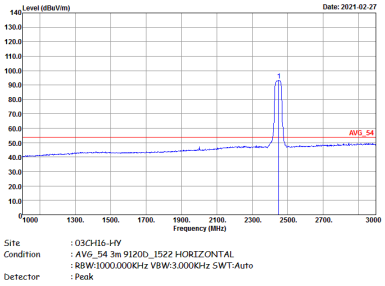
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH03 2422MHz - R	
2	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak	Left blank

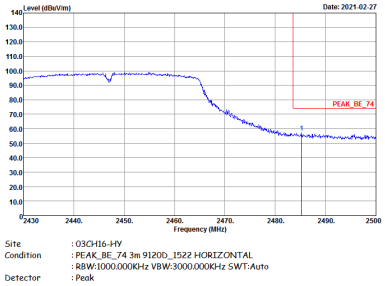
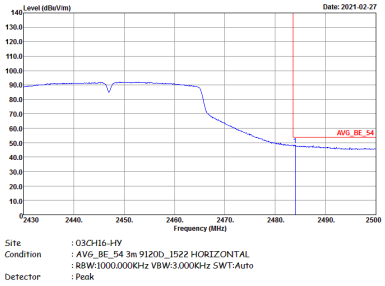
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH06 2437MHz - L	
2	Horizontal	Fundamental
Peak		
Avg.		

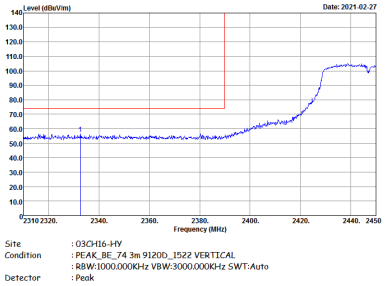
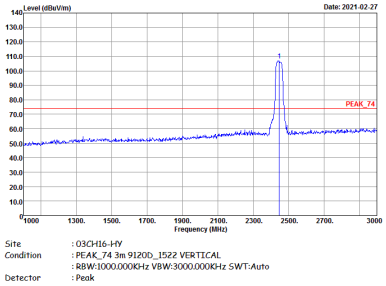
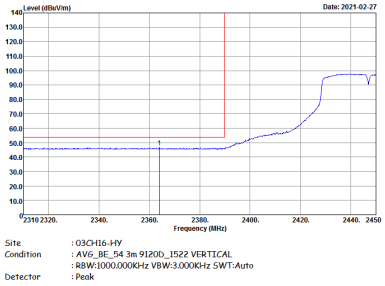
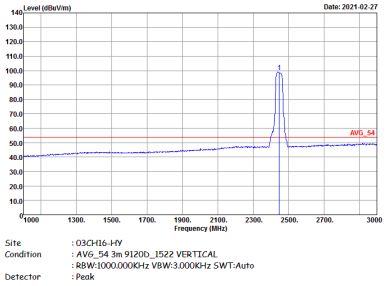
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH06 2437MHz - R	
2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

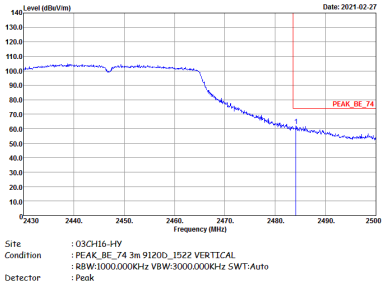
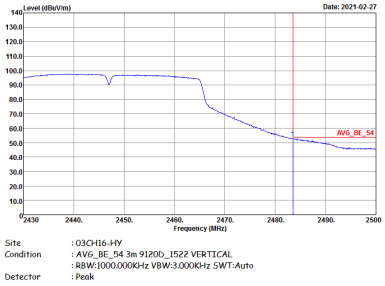
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH06 2437MHz - L	
2	Vertical	Fundamental
Peak		
Avg.		

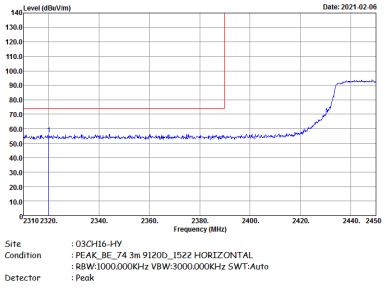
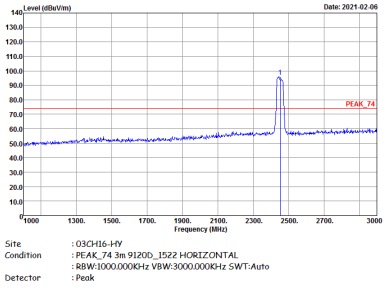
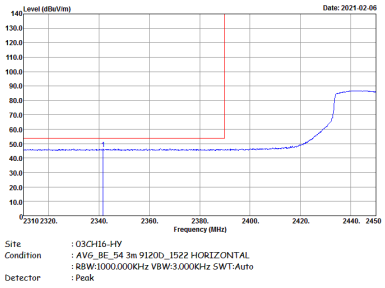
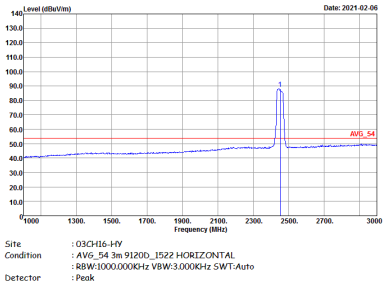
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH06 2437MHz - R	
2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

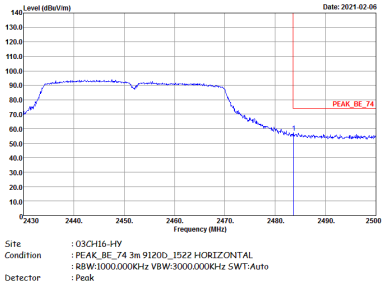
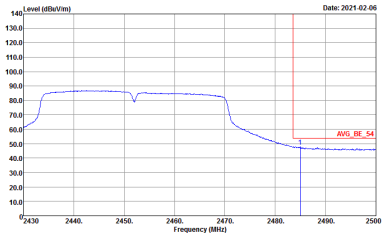
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH08 2447MHz - L	
2	Horizontal	Fundamental
Peak		
Avg.		

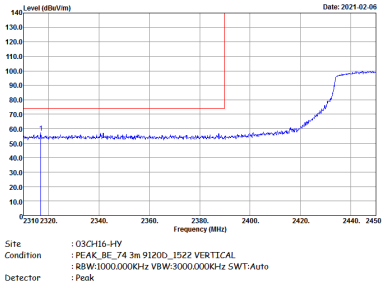
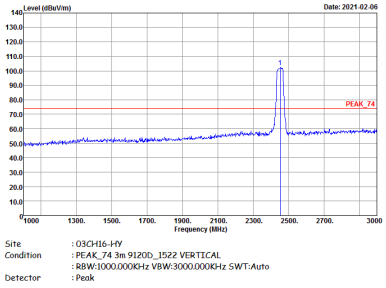
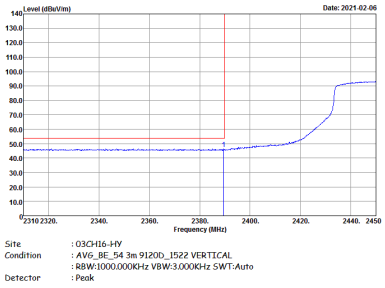
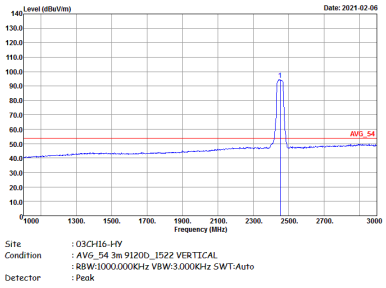
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH08 2447MHz - R	
2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

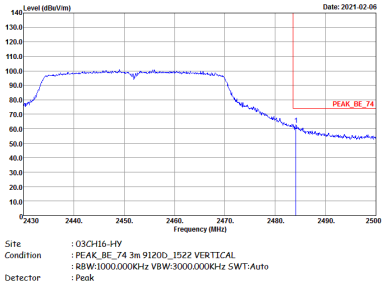
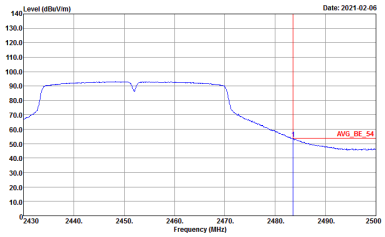
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH08 2447MHz - L	
2	Vertical	Fundamental
Peak		
Avg.		

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH08 2447MHz - R	
2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH09 2452MHz - L	
2	Horizontal	Fundamental
Peak		
Avg.		

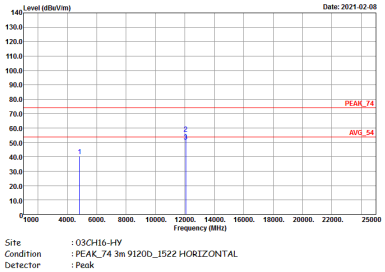
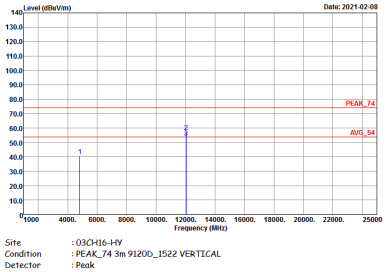
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH09 2452MHz - R	
2	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak	Left blank

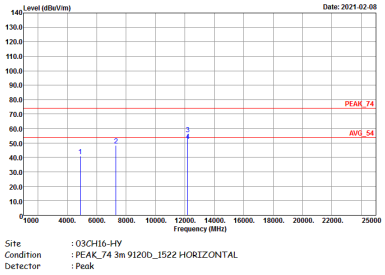
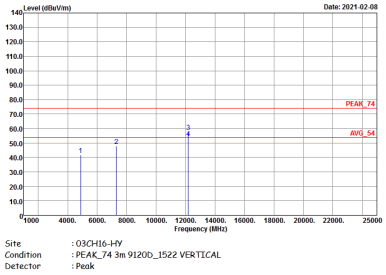
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH09 2452MHz - L	
2	Vertical	Fundamental
Peak		
Avg.		

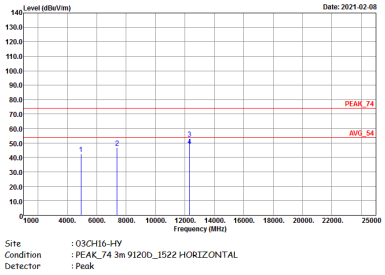
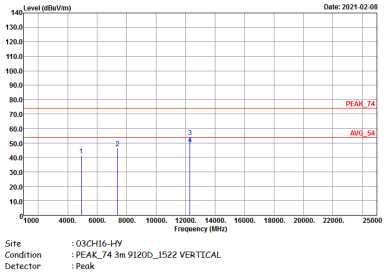
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH09 2452MHz - R	
2	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak	Left blank

2.4GHz 2400~2483.5MHz

WIFI 802.11b (Harmonic @ 3m)

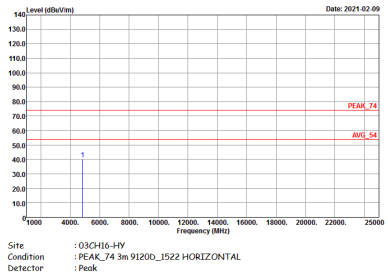
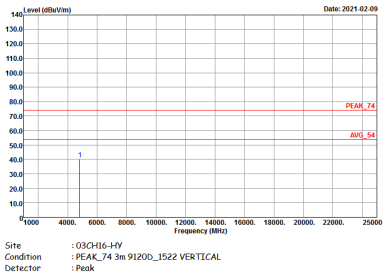
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH01 2412MHz	
2	Horizontal	Vertical
Peak Avg.		

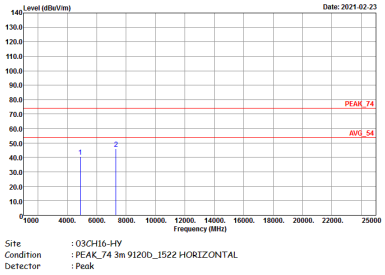
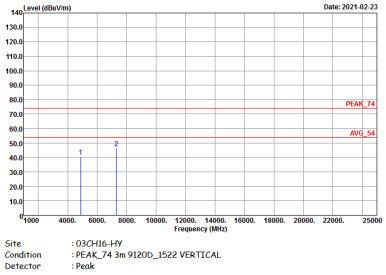
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH06 2437MHz	
2	Horizontal	Vertical
Peak Avg.		

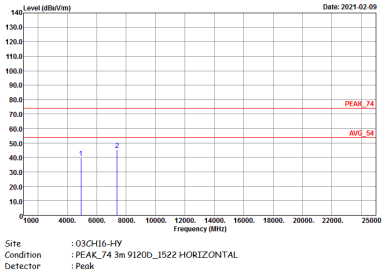
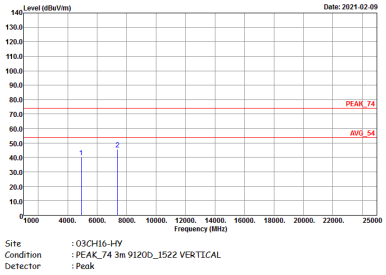
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH11 2462MHz	
2	Horizontal	Vertical
Peak Avg.		

2.4GHz 2400~2483.5MHz

WIFI 802.11g (Harmonic @ 3m)

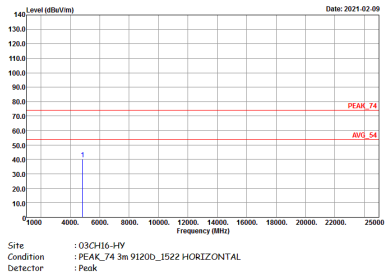
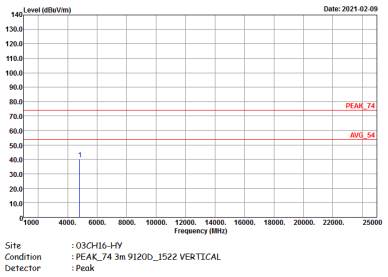
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH01 2412MHz	
2	Horizontal	Vertical
Peak Avg.		

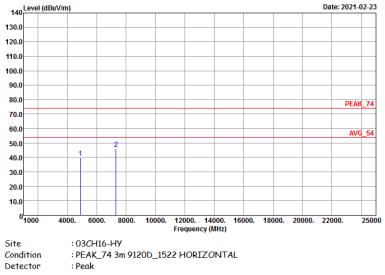
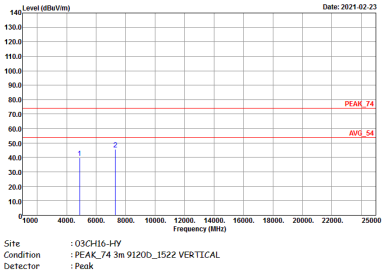
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH06 2437MHz	
2	Horizontal	Vertical
Peak Avg.		

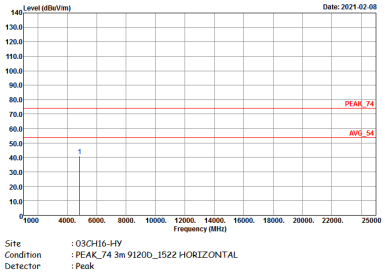
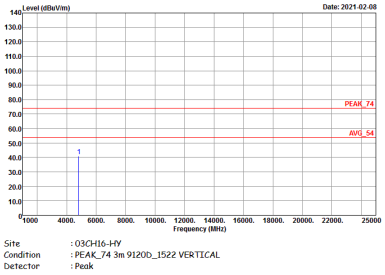
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH11 2462MHz	
2	Horizontal	Vertical
Peak Avg.		

2.4GHz 2400~2483.5MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

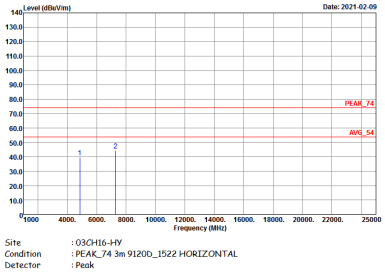
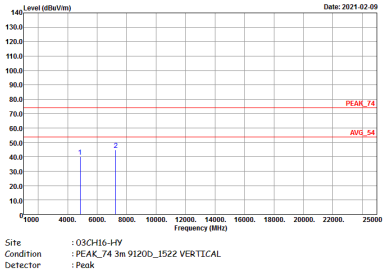
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT20 CH01 2412MHz	
2	Horizontal	Vertical
Peak Avg.		

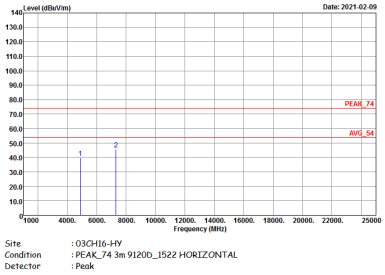
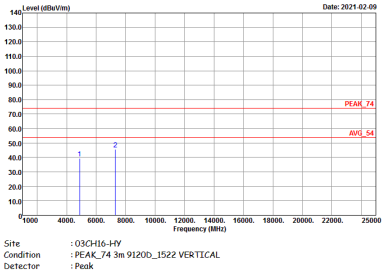
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT20 CH06 2437MHz	
2	Horizontal	Vertical
Peak Avg.		

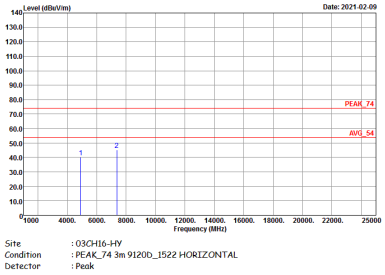
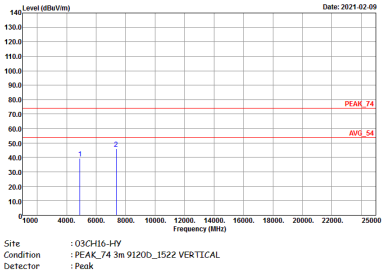
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT20 CH11 2462MHz	
2	Horizontal	Vertical
Peak Avg.		

2.4GHz 2400~2483.5MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

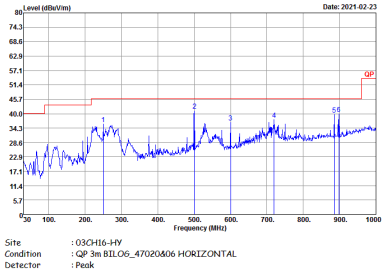
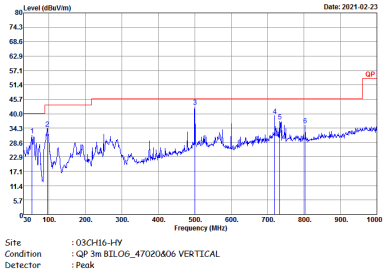
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT40 CH03 2422MHz	
2	Horizontal	Vertical
Peak Avg.		

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT40 CH06 2437MHz	
2	Horizontal	Vertical
Peak Avg.		

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT40 CH09 2452MHz	
2	Horizontal	Vertical
Peak Avg.		

Emission below 1GHz

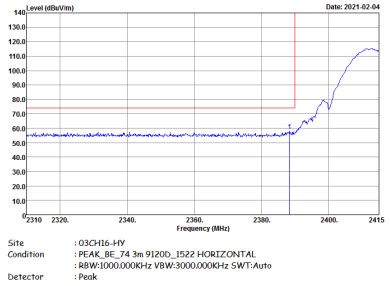
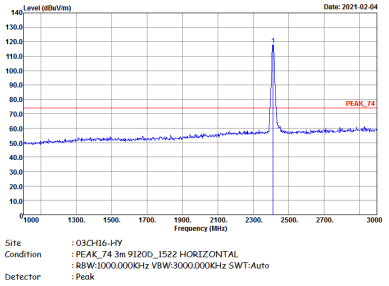
2.4GHz WIFI 802.11b (LF)

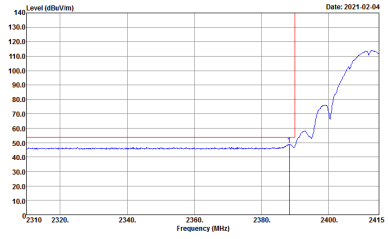
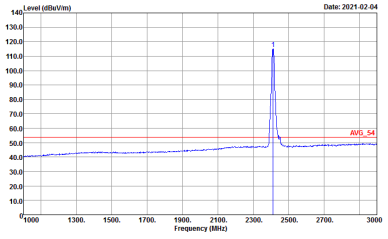
WIFI	2.4GHz 2400~2483.5MHz	
ANT	802.11b LF	
2	Horizontal	Vertical
QP / Peak		

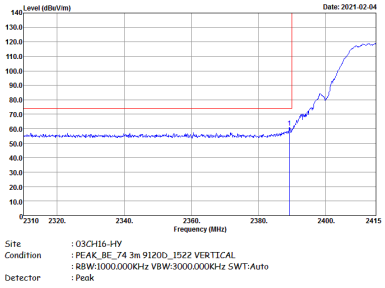
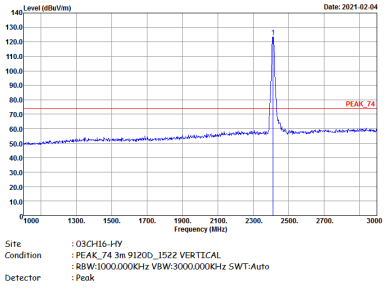
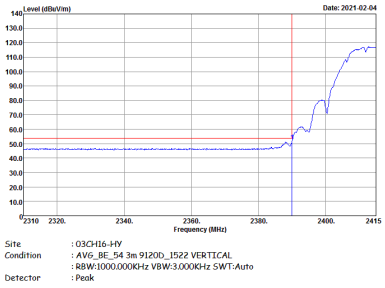
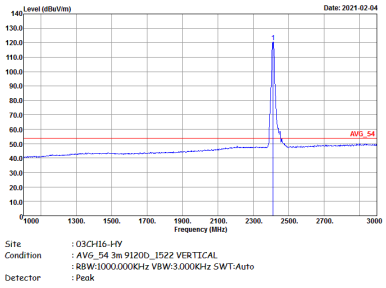
<CDD Mode>

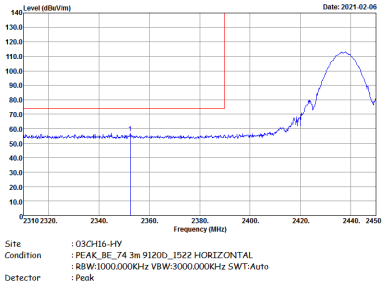
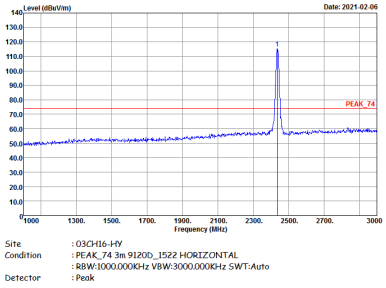
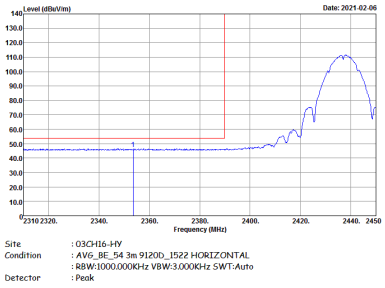
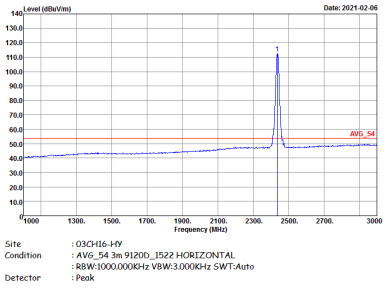
2.4GHz 2400~2483.5MHz

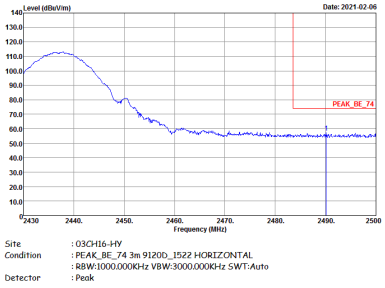
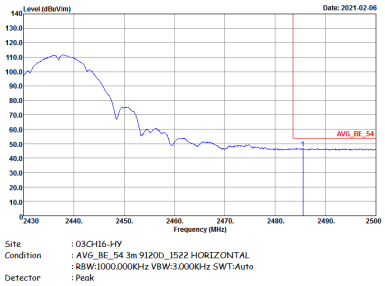
WIFI 802.11b (Band Edge @ 3m)

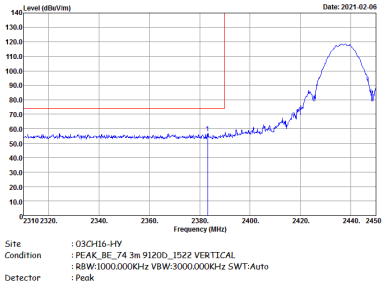
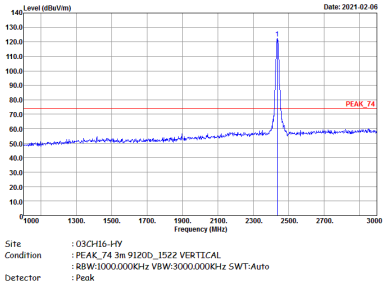
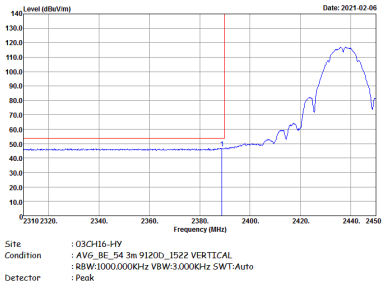
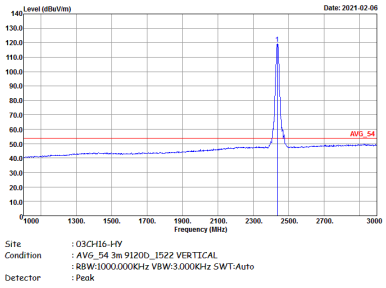
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH01 2412MHz	
1+3	Horizontal	Fundamental
Peak		

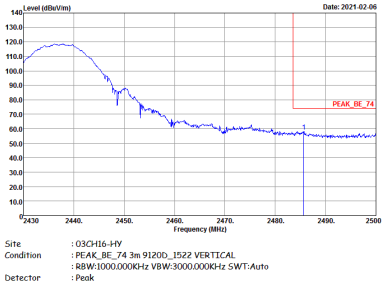
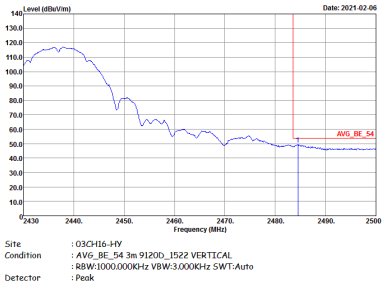
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak

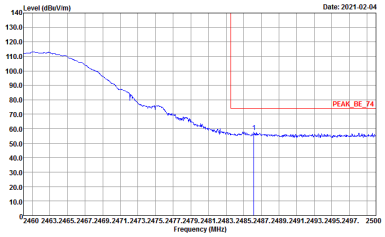
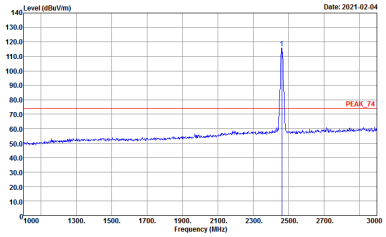
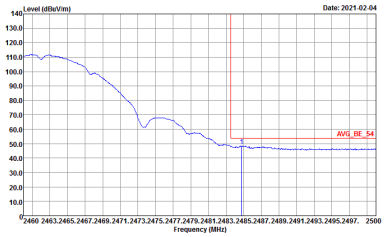
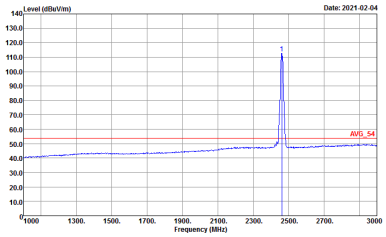
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH01 2412MHz	
1+3	Vertical	Fundamental
Peak		
Avg.		

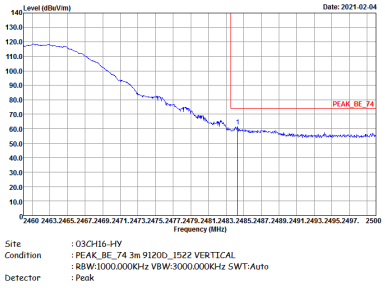
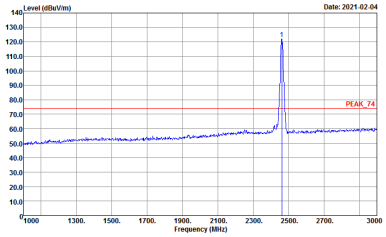
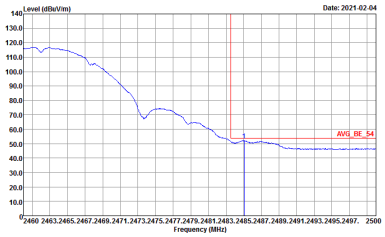
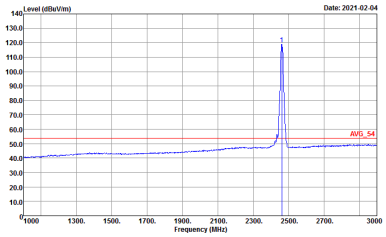
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - L	
1+3	Horizontal	Fundamental
Peak		
Avg.		

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
1+3	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - L	
1+3	Vertical	Fundamental
Peak		
Avg.		

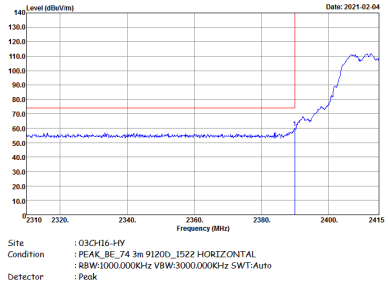
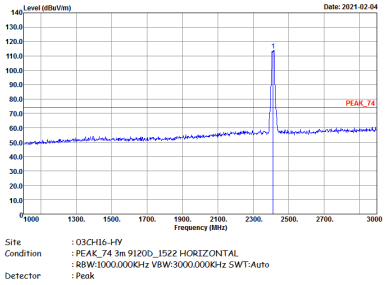
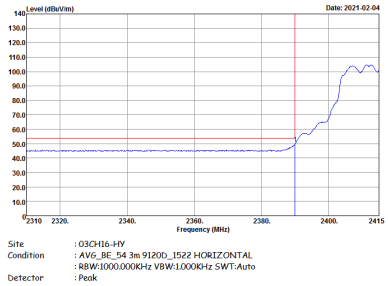
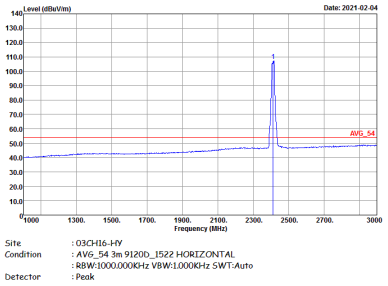
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
1+3	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

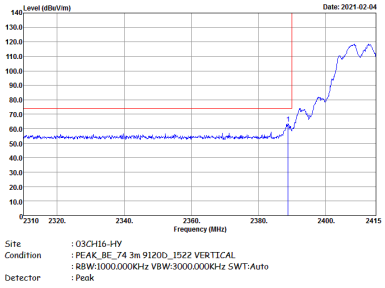
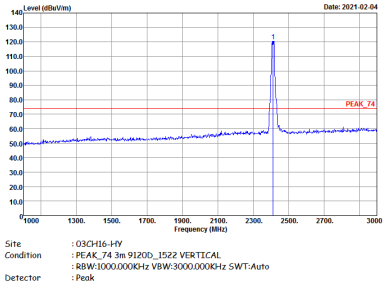
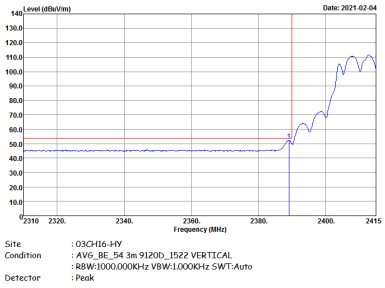
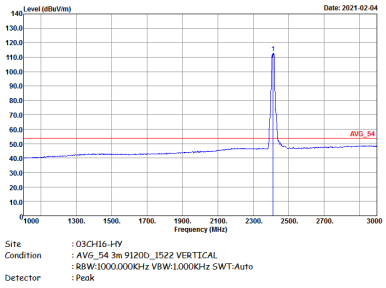
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH11 2462MHz	
1+3	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak

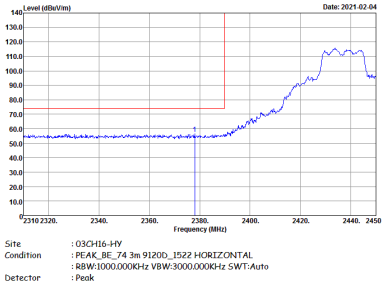
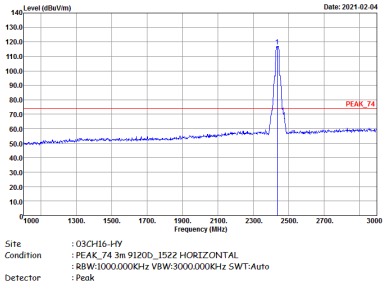
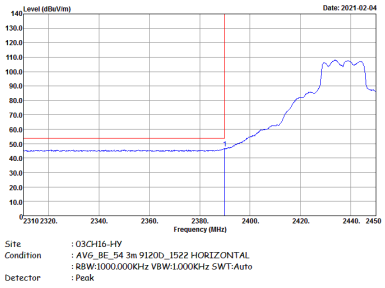
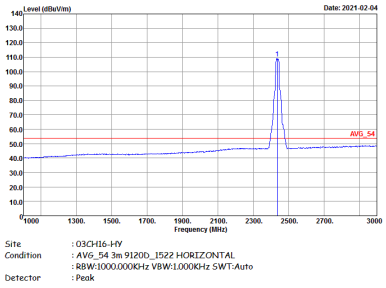
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH11 2462MHz	
1+3	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak

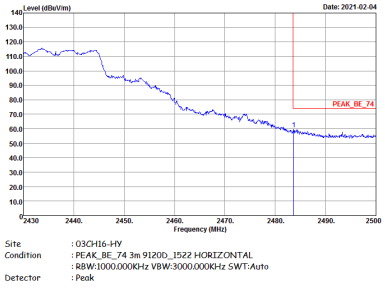
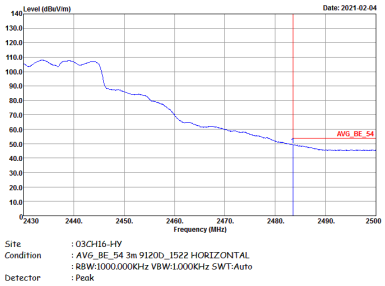
2.4GHz 2400~2483.5MHz

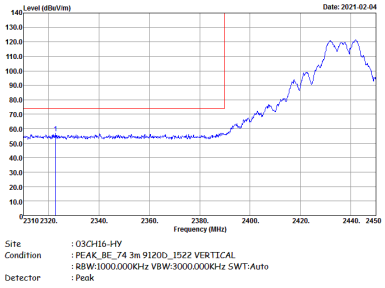
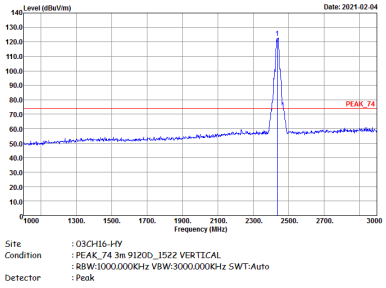
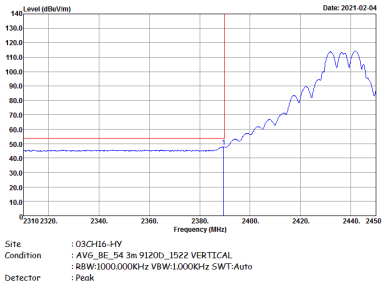
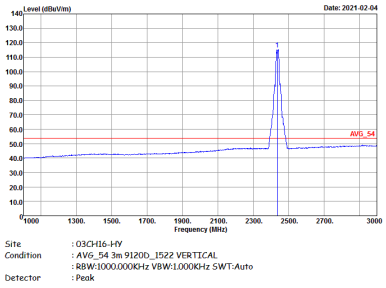
WIFI 802.11g (Band Edge @ 3m)

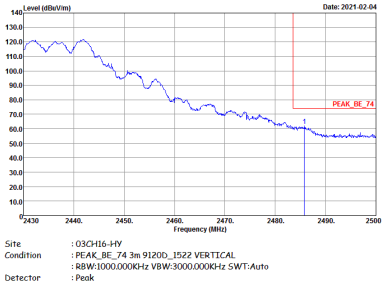
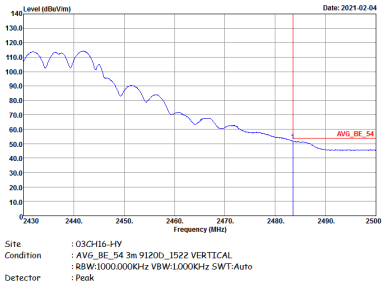
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH01 2412MHz	
1+3	Horizontal	Fundamental
Peak		
Avg.		

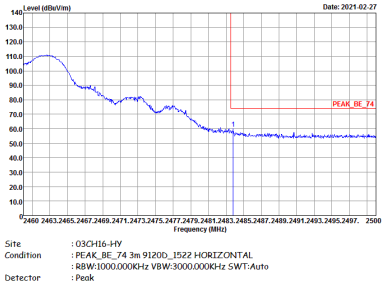
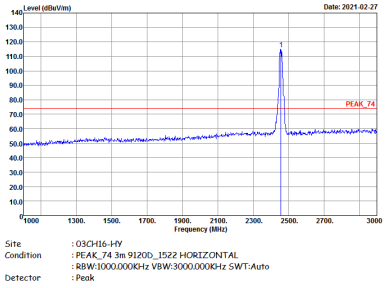
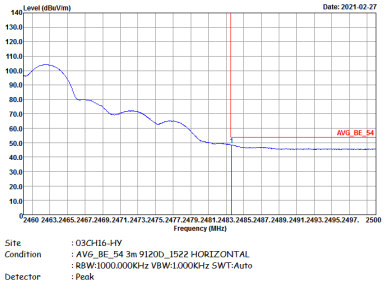
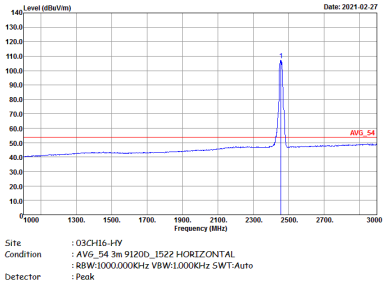
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH01 2412MHz	
1+3	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak

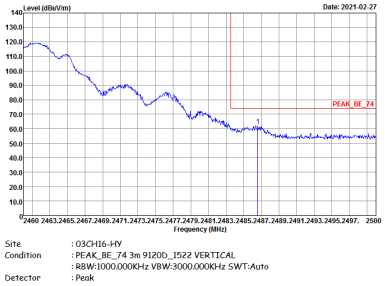
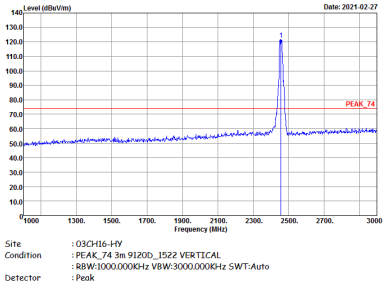
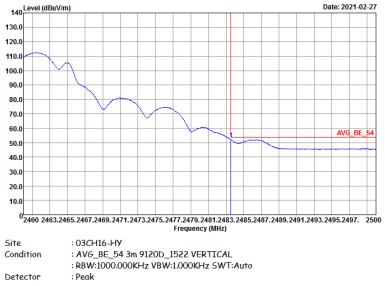
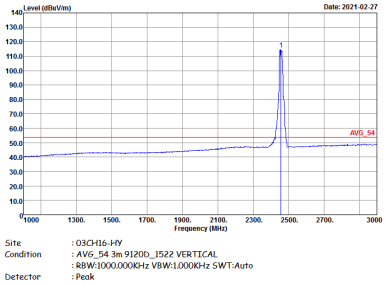
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - L	
1+3	Horizontal	Fundamental
Peak		
Avg.		

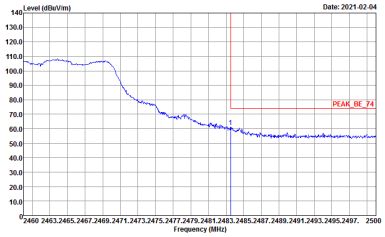
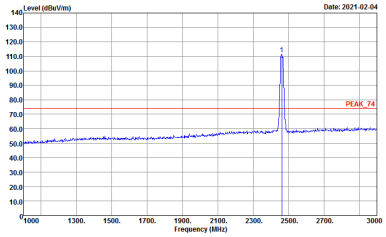
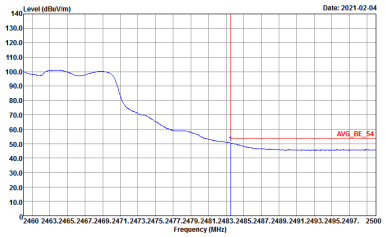
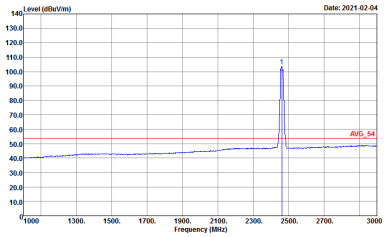
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
1+3	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

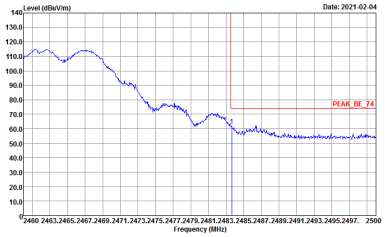
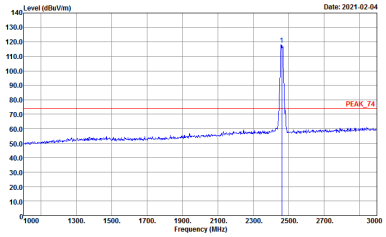
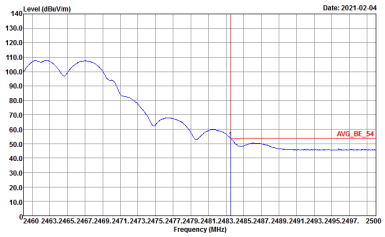
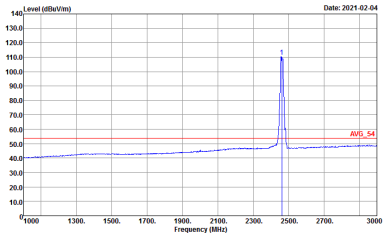
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - L	
1+3	Vertical	Fundamental
Peak		
Avg.		

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
1+3	Vertical	Fundamental
Peak		Left Blank
Avg.		Left Blank

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH10 2457MHz	
1+3	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak

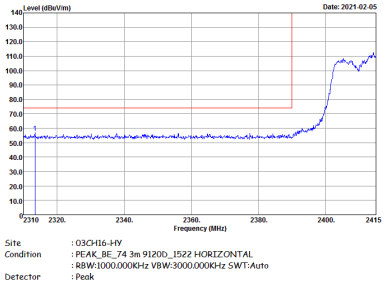
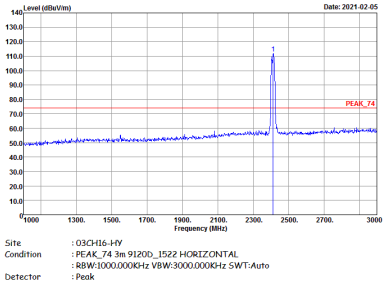
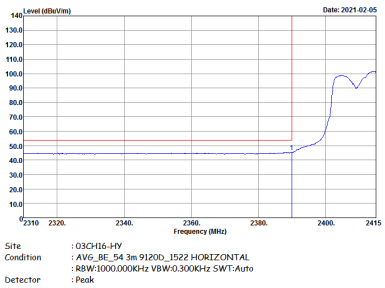
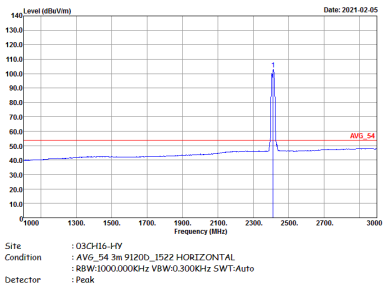
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH10 2452MHz	
1+3	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak

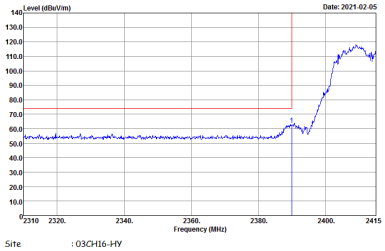
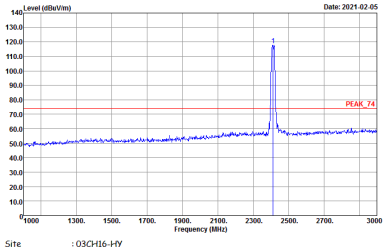
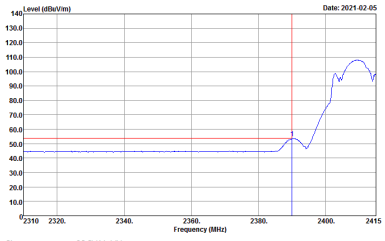
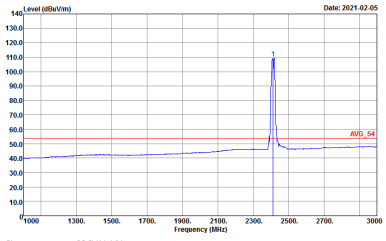
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH11 2462MHz	
1+3	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak

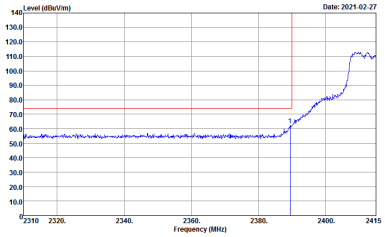
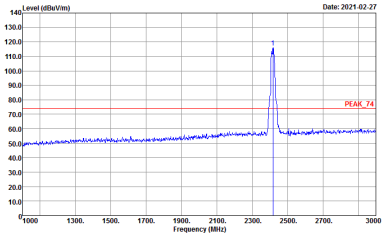
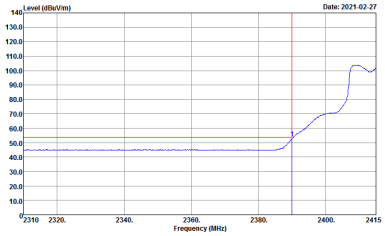
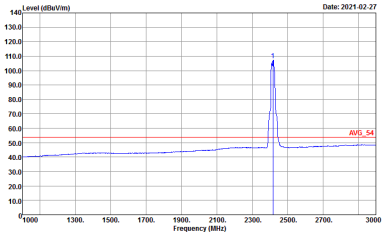
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH11 2462MHz	
1+3	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak

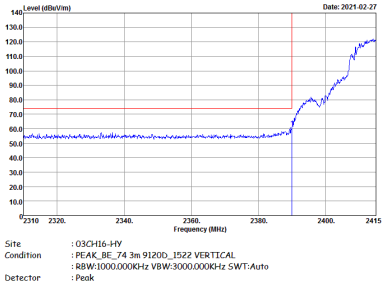
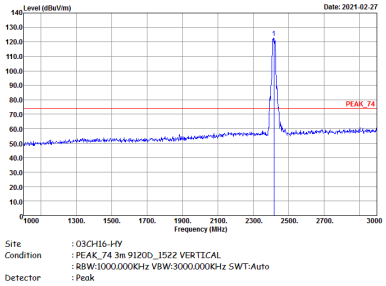
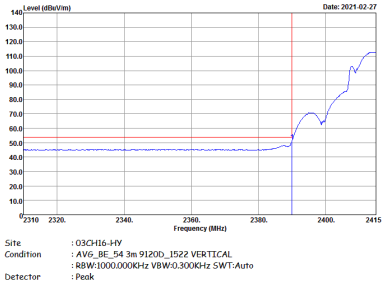
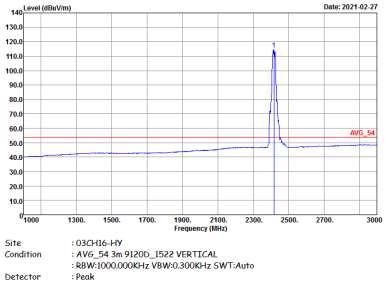
2.4GHz 2400~2483.5MHz

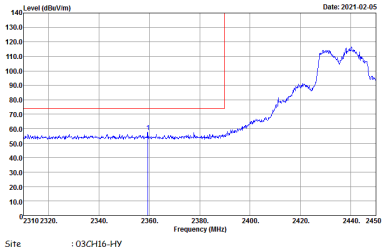
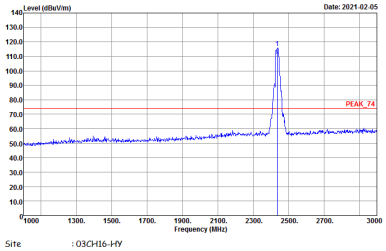
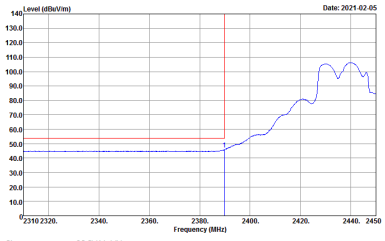
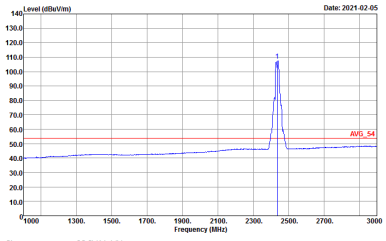
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

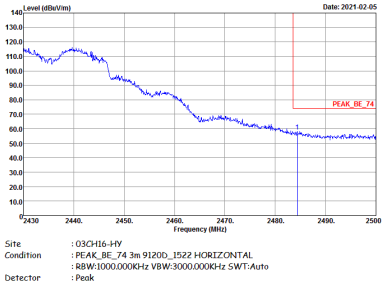
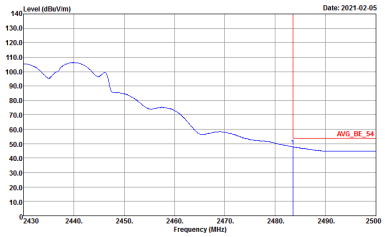
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH01 2412MHz	
1+3	Horizontal	Fundamental
Peak		
Avg.		

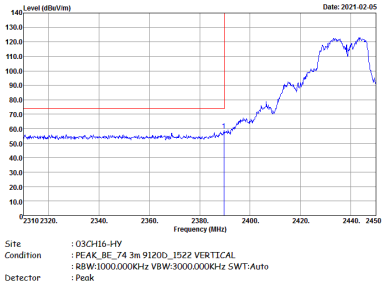
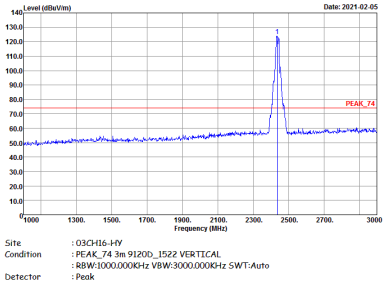
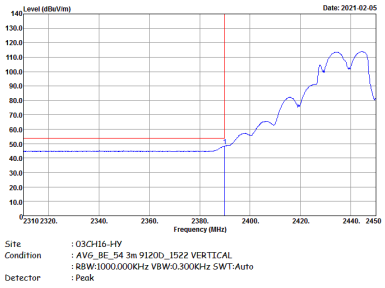
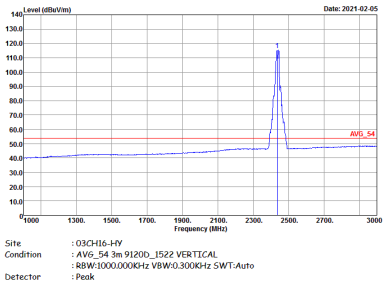
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH01 2412MHz	
1+3	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto Detector : Peak

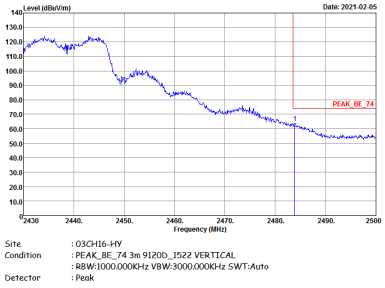
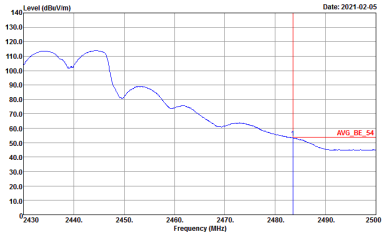
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH02 2417MHz	
1+3	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto Detector : Peak

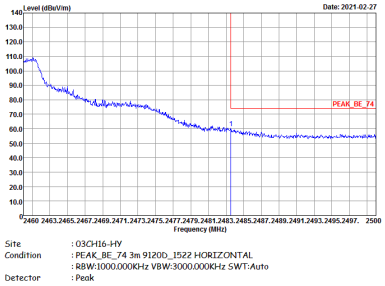
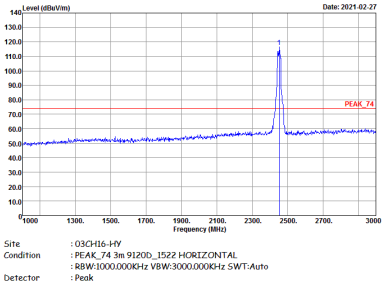
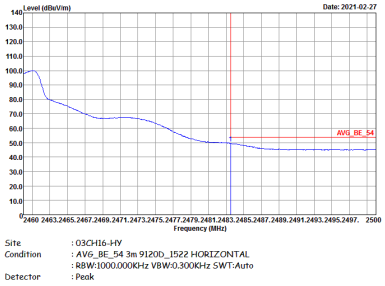
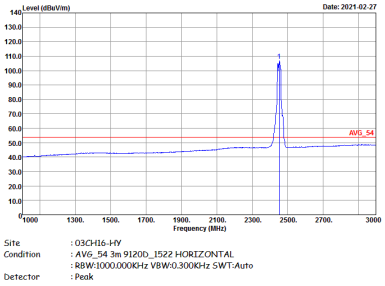
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH02 2417MHz	
1+3	Vertical	Fundamental
Peak		
Avg.		

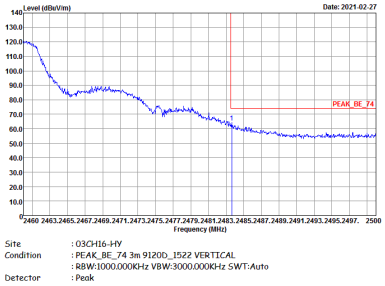
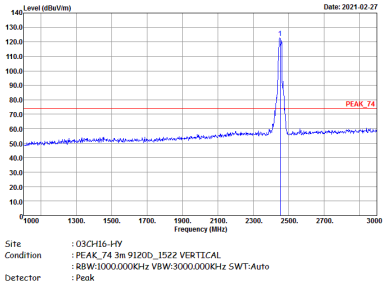
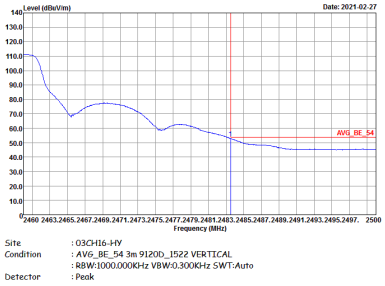
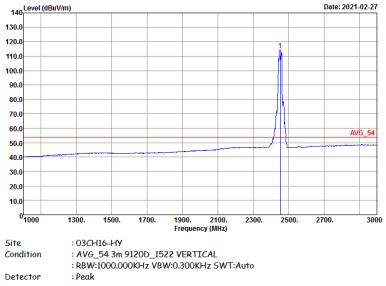
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH06 2437MHz - L	
1+3	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto Detector : Peak

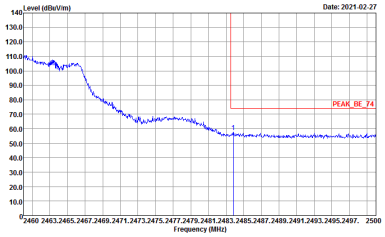
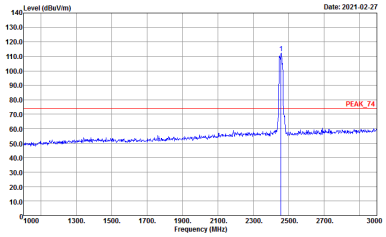
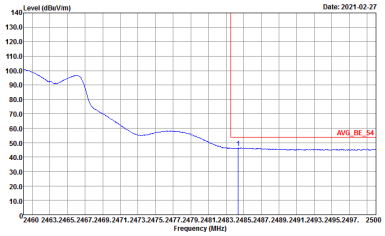
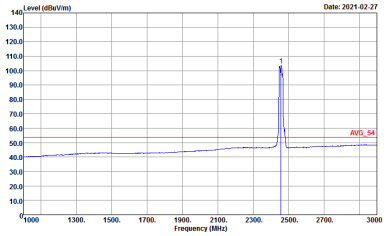
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH06 2437MHz - R	
1+3	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto Detector : Peak	Left blank

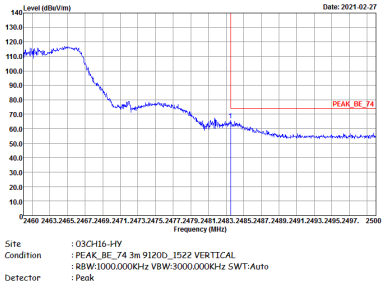
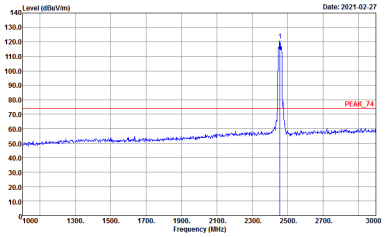
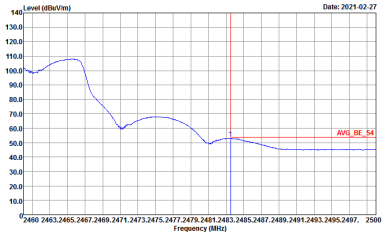
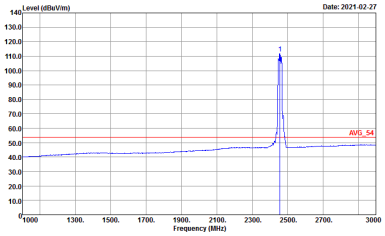
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH06 2437MHz - L	
1+3	Vertical	Fundamental
Peak		
Avg.		

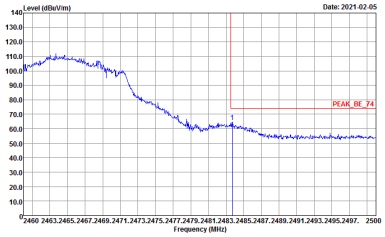
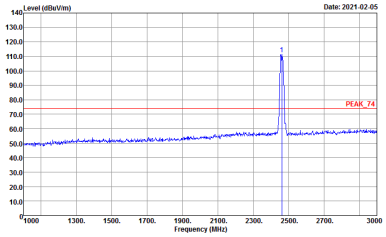
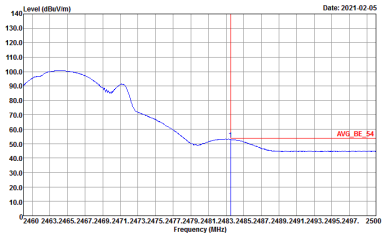
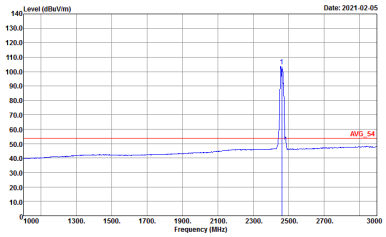
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH06 2437MHz - R	
1+3	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto Detector : Peak	Left blank

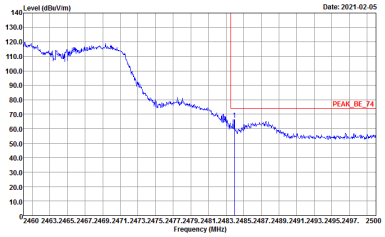
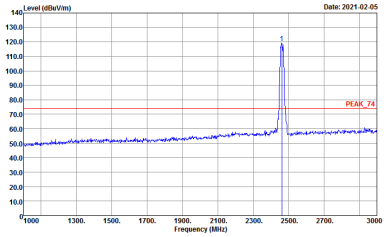
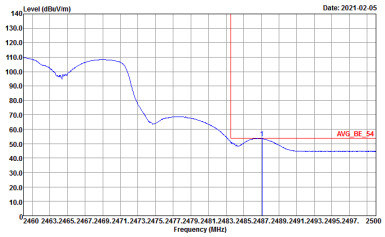
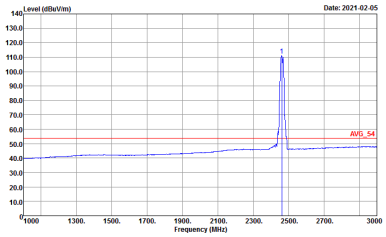
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH09 2452MHz	
1+3	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto Detector : Peak

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH09 2452MHz	
1+3	Vertical	Fundamental
Peak		
Avg.		

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH10 2457MHz	
1+3	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto Detector : Peak

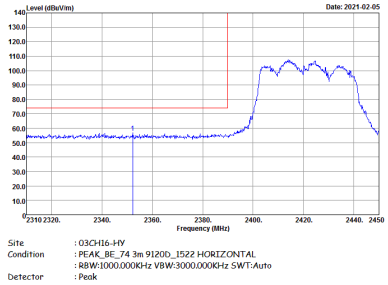
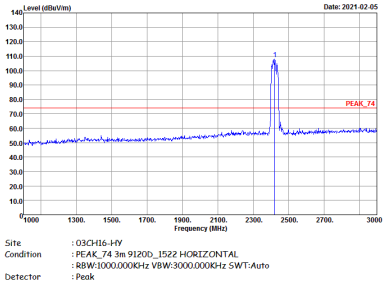
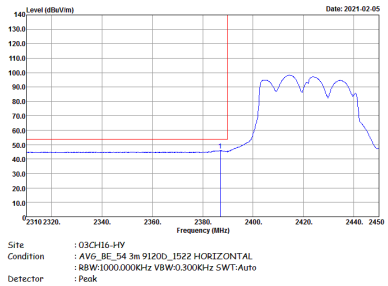
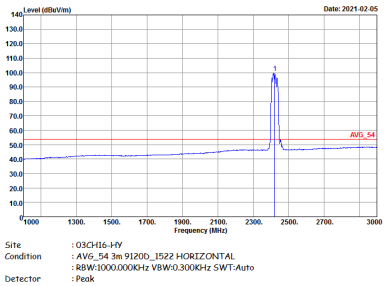
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH10 2457MHz	
1+3	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto Detector : Peak

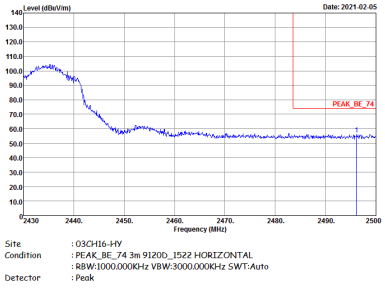
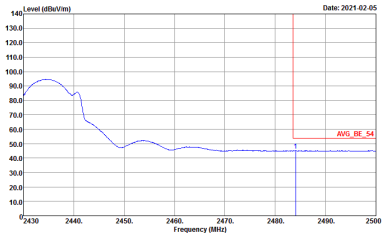
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH11 2462MHz	
1+3	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto Detector : Peak

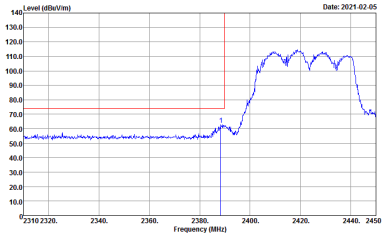
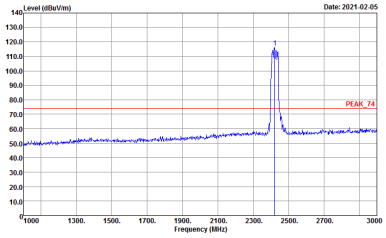
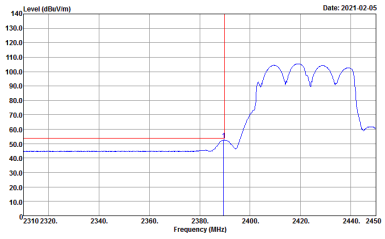
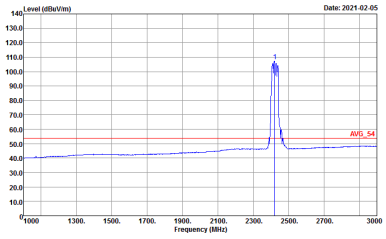
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH11 2462MHz	
1+3	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto Detector : Peak

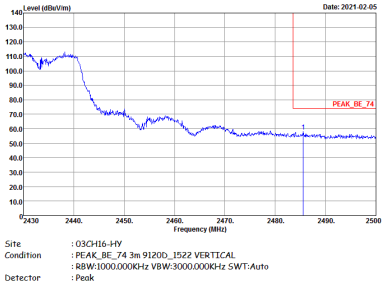
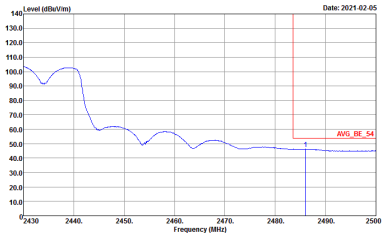
2.4GHz 2400~2483.5MHz

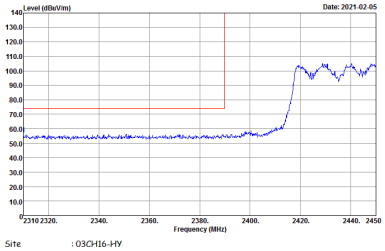
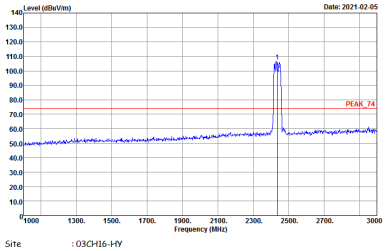
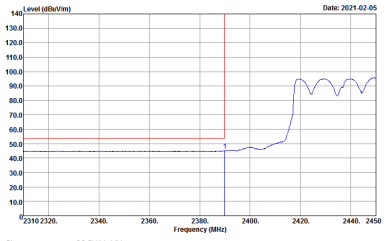
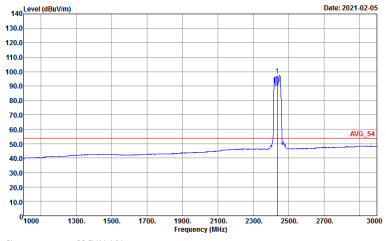
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

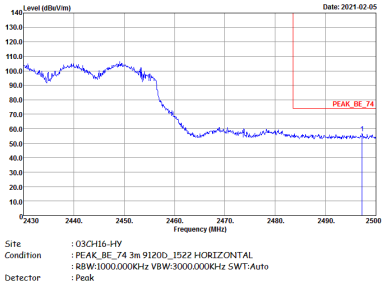
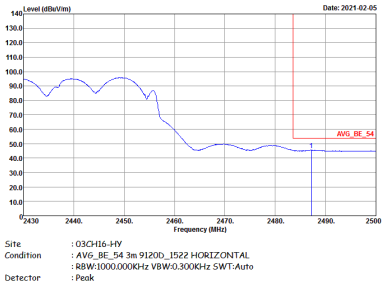
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH03 2422MHz - L	
1+3	Horizontal	Fundamental
Peak		
Avg.		

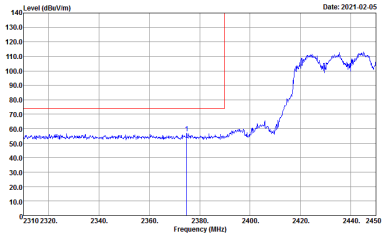
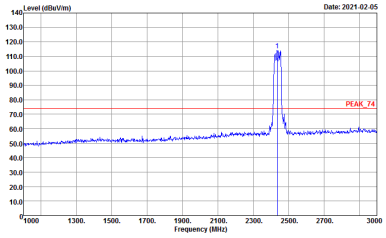
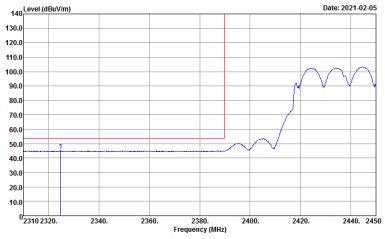
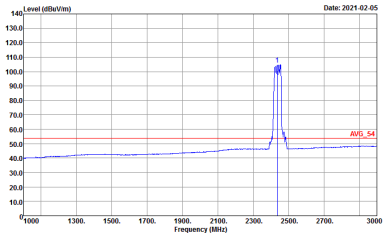
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH03 2422MHz - R	
1+3	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto Detector : Peak	Left blank

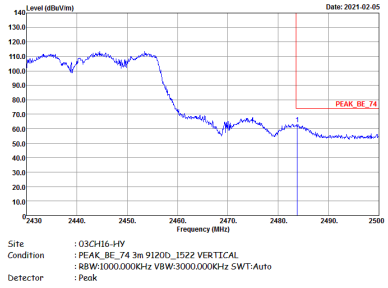
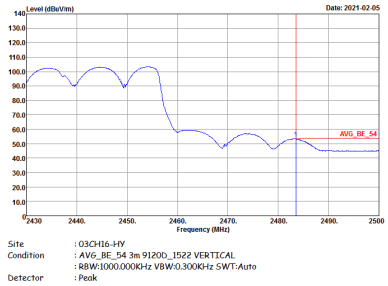
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH03 2422MHz - L	
1+3	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto Detector : Peak

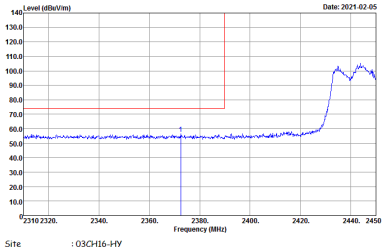
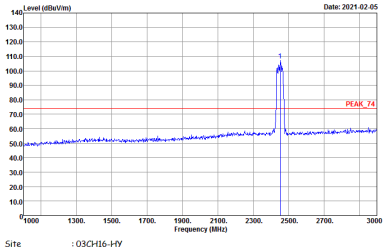
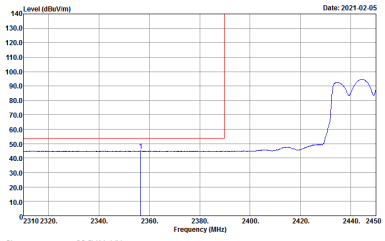
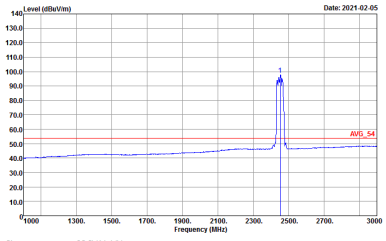
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH03 2422MHz - R	
1+3	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto Detector : Peak	Left blank

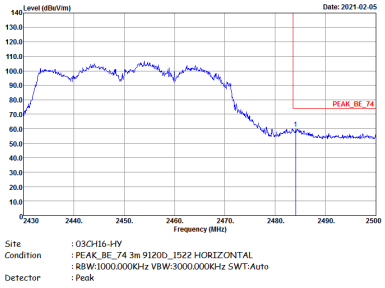
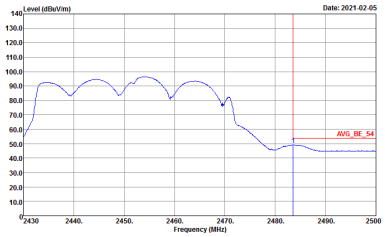
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH06 2437MHz - L	
1+3	Horizontal	Fundamental
Peak		
Avg.		

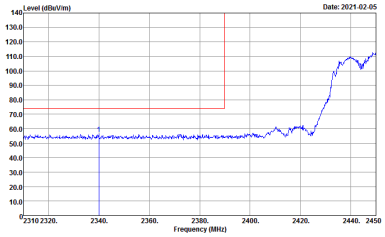
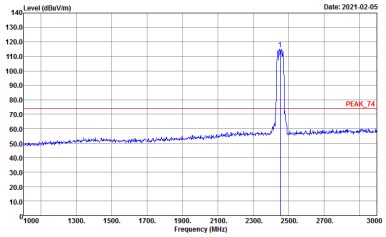
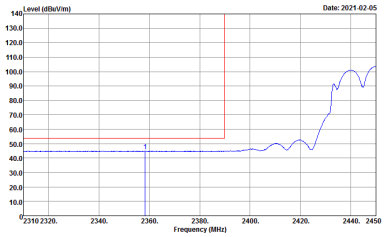
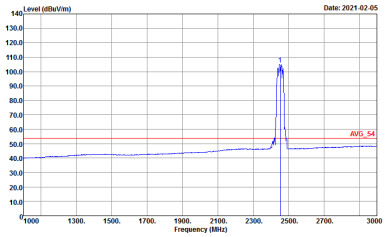
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH06 2437MHz - R	
1+3	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

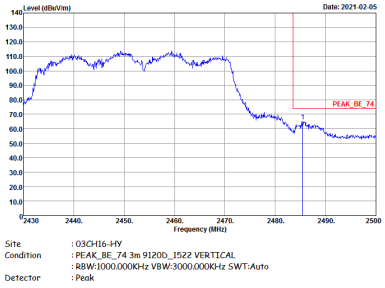
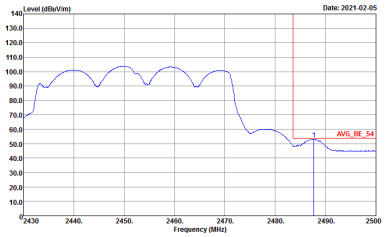
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH06 2437MHz - L	
1+3	Vertical	Fundamental
Peak		
Avg.		

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH06 2437MHz - R	
1+3	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH09 2452MHz - L	
1+3	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto Detector : Peak

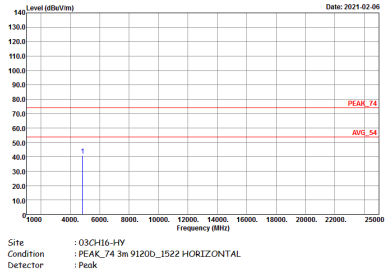
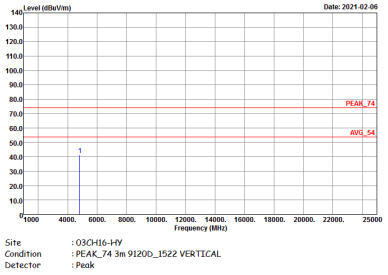
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH09 2452MHz - R	
1+3	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto Detector : Peak	Left blank

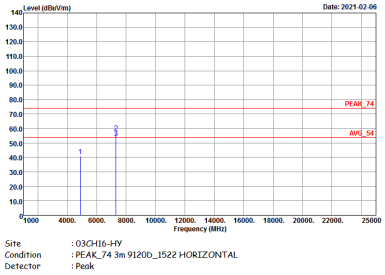
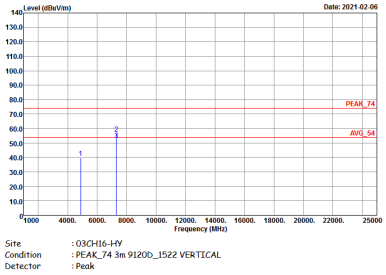
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH09 2452MHz - L	
1+3	Vertical	Fundamental
Peak		
Avg.		

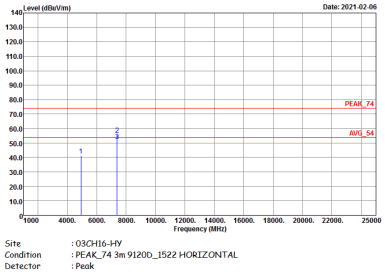
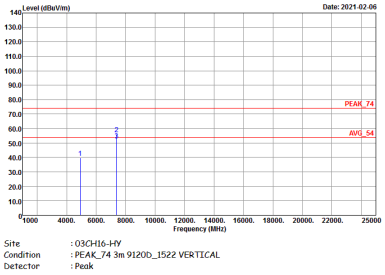
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH09 2452MHz - R	
1+3	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto Detector : Peak	Left blank

2.4GHz 2400~2483.5MHz

WIFI 802.11b (Harmonic @ 3m)

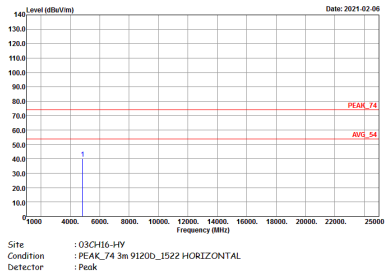
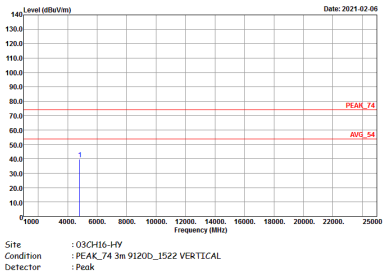
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH01 2412MHz	
1+3	Horizontal	Vertical
Peak Avg.		

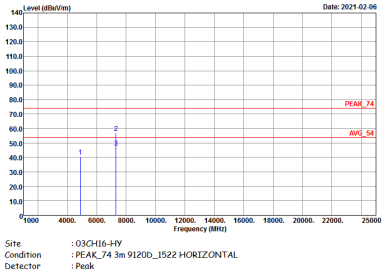
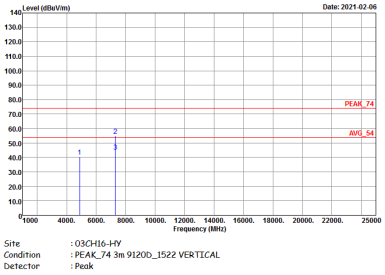
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH06 2437MHz	
1+3	Horizontal	Vertical
Peak Avg.		

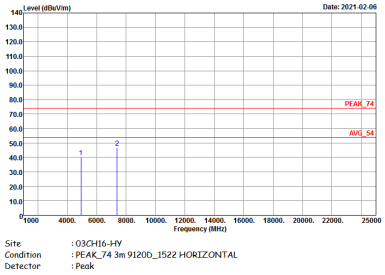
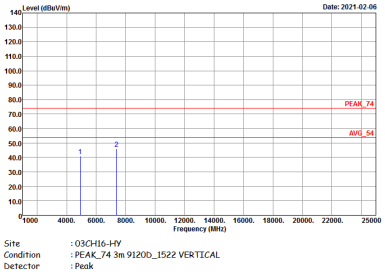
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH11 2462MHz	
1+3	Horizontal	Vertical
Peak Avg.		

2.4GHz 2400~2483.5MHz

WIFI 802.11g (Harmonic @ 3m)

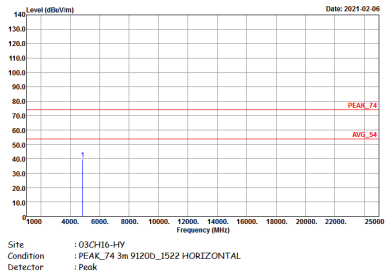
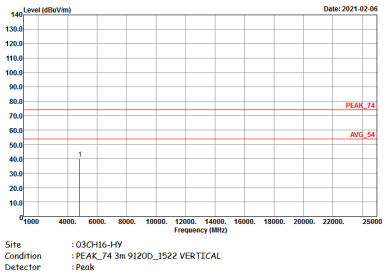
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH01 2412MHz	
1+3	Horizontal	Vertical
Peak Avg.		

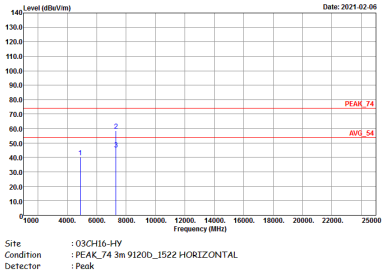
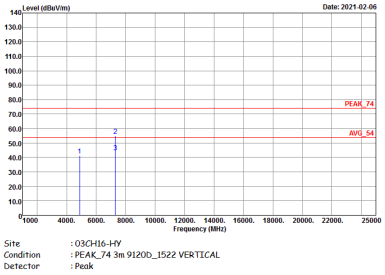
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH06 2437MHz	
1+3	Horizontal	Vertical
Peak Avg.		

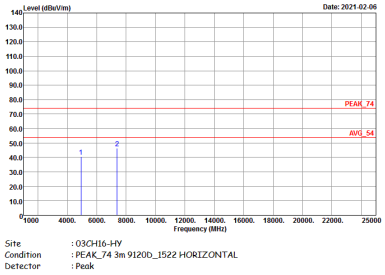
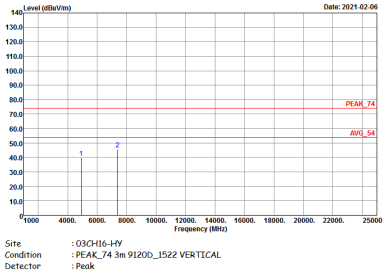
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH11 2462MHz	
1+3	Horizontal	Vertical
Peak Avg.		

2.4GHz 2400~2483.5MHz

WIFI 802.11 ax HE20 Full (Harmonic @ 3m)

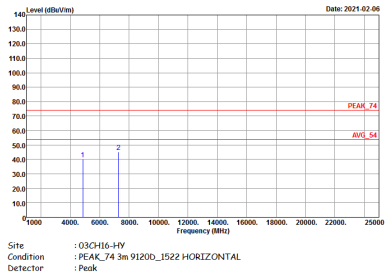
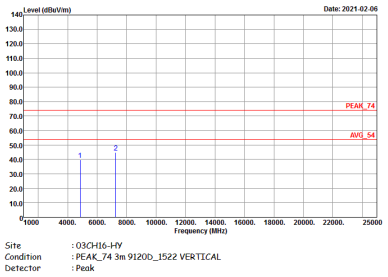
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE20 Full CH01 2412MHz	
1+3	Horizontal	Vertical
Peak Avg.		

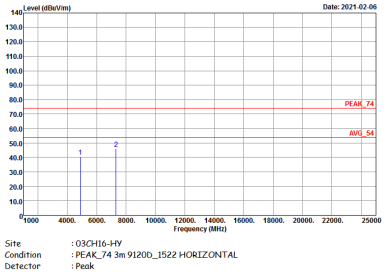
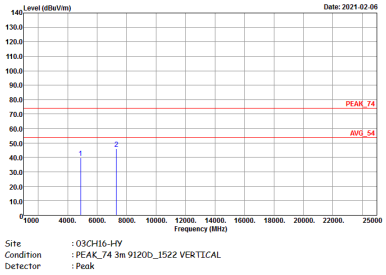
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE20 Full CH06 2437MHz	
1+3	Horizontal	Vertical
Peak Avg.		

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE20 Full CH11 2462MHz	
1+3	Horizontal	Vertical
Peak Avg.		

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	
1+3	Horizontal	Vertical
Peak Avg.		

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE40 Full CH06 2437MHz	
1+3	Horizontal	Vertical
Peak Avg.		

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE40 Full CH09 2452MHz	
1+3	Horizontal	Vertical
Peak Avg.