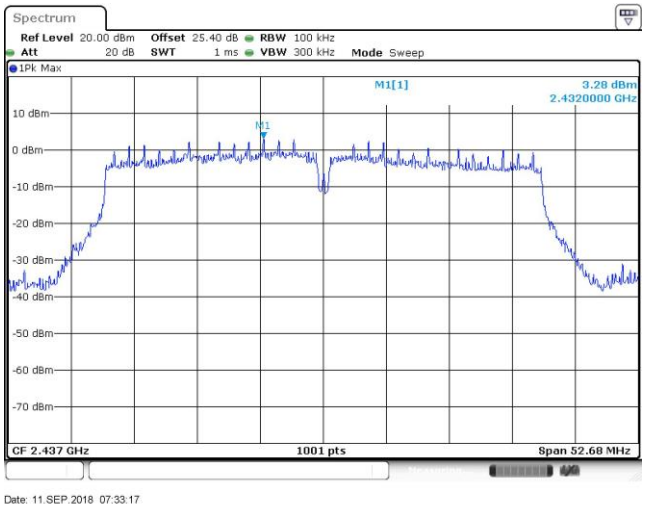
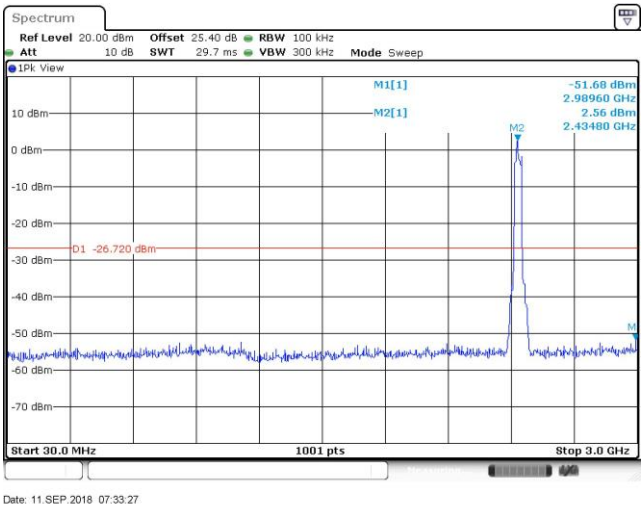
Test Mode :	802.11ac VHT40	Test Channel :	06

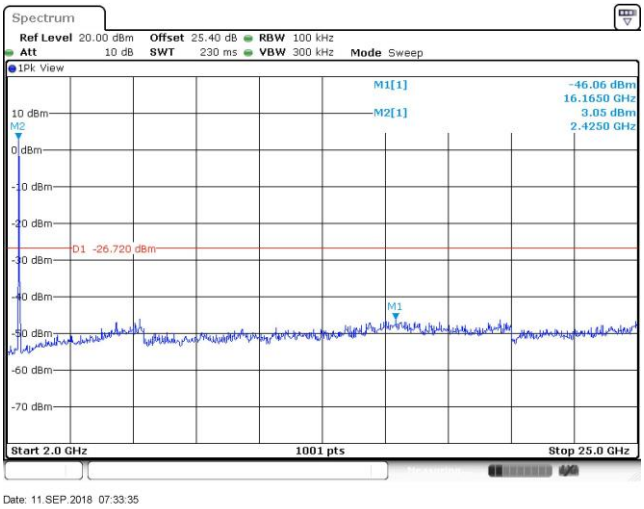
100kHz PSD reference Level



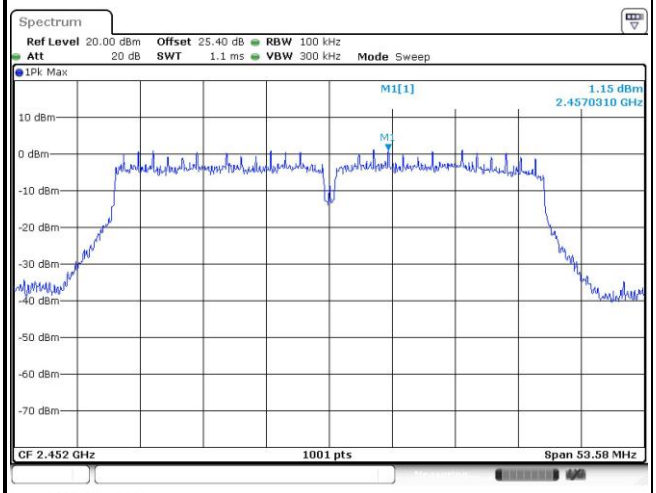
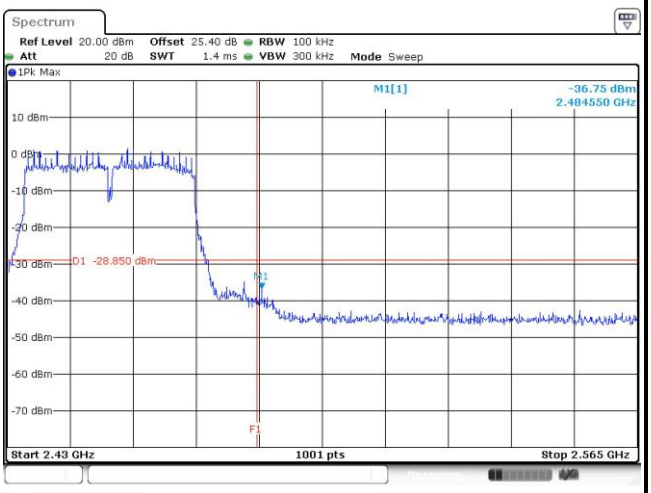
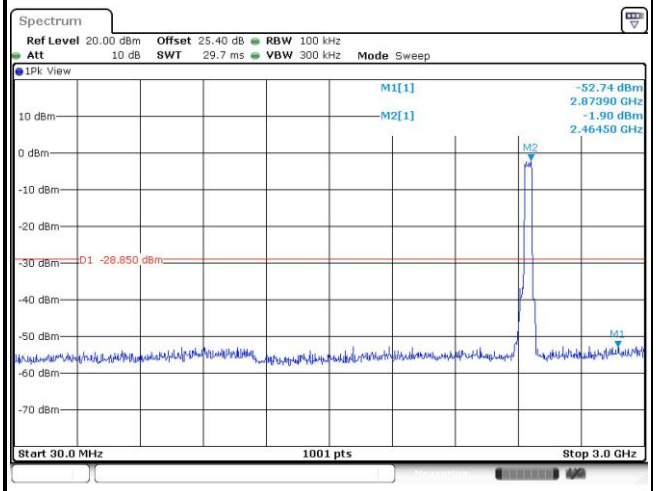
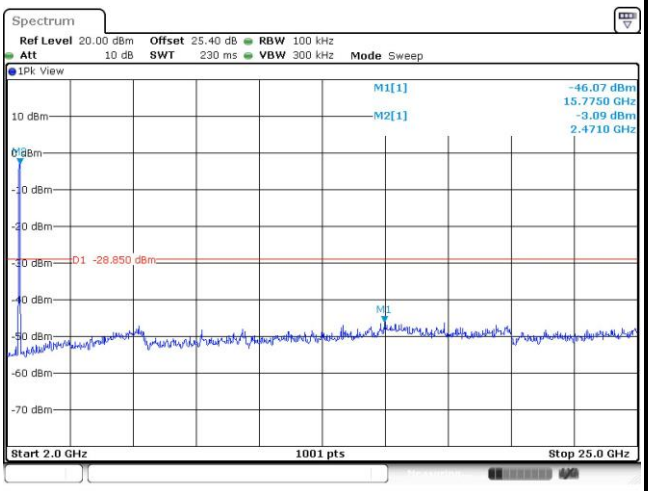
Spurious Emission 30MHz~3GHz



Spurious Emission 2GHz~25GHz

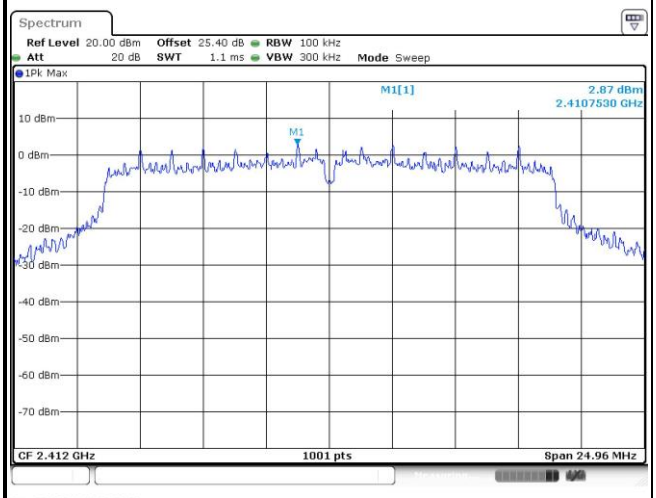
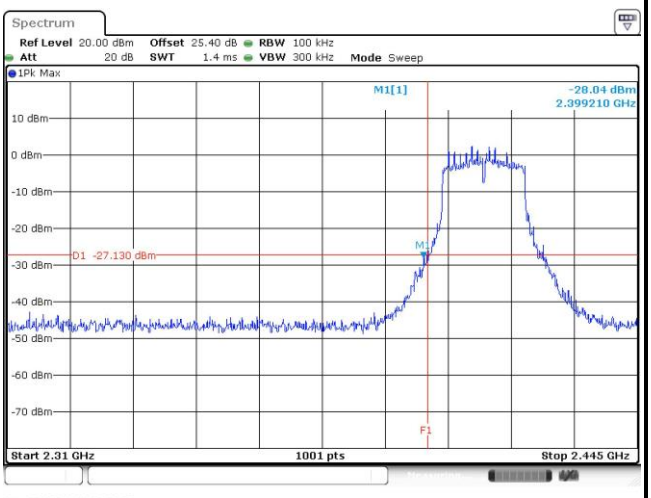
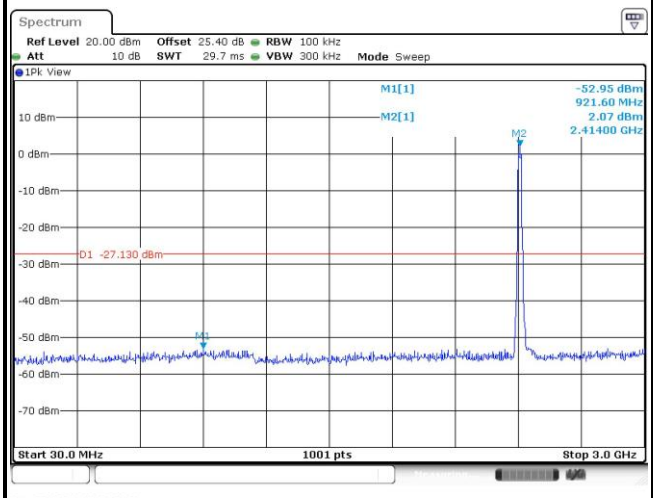
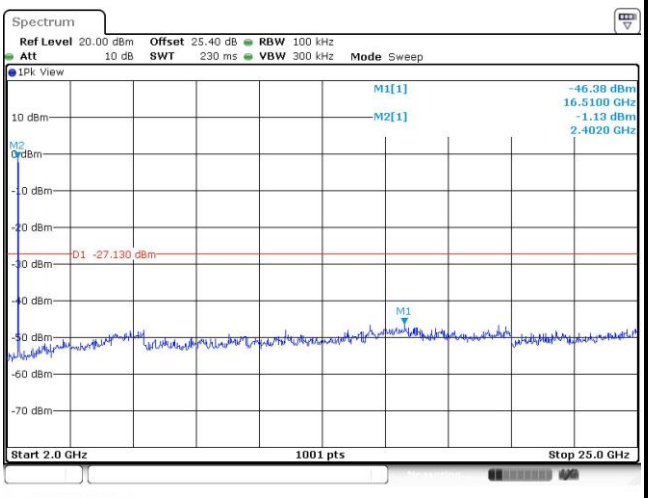


Test Mode :	802.11ac VHT40	Test Channel :	09

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

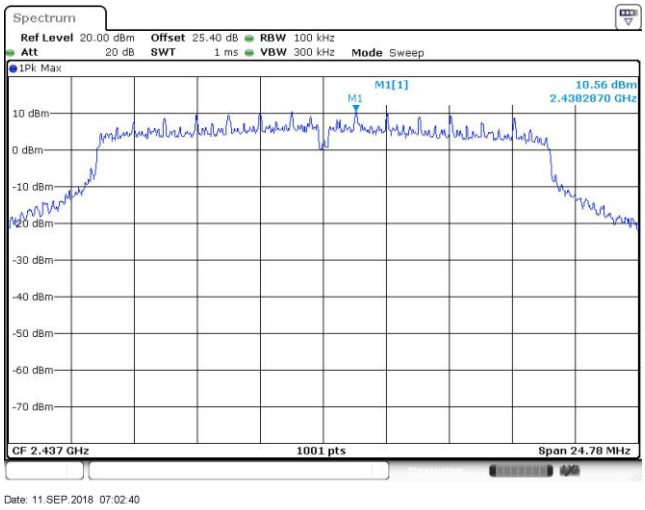
Number of TX = 2, Ant. 2 (Measured)

Test Mode :	802.11ac VHT20	Test Channel :	01

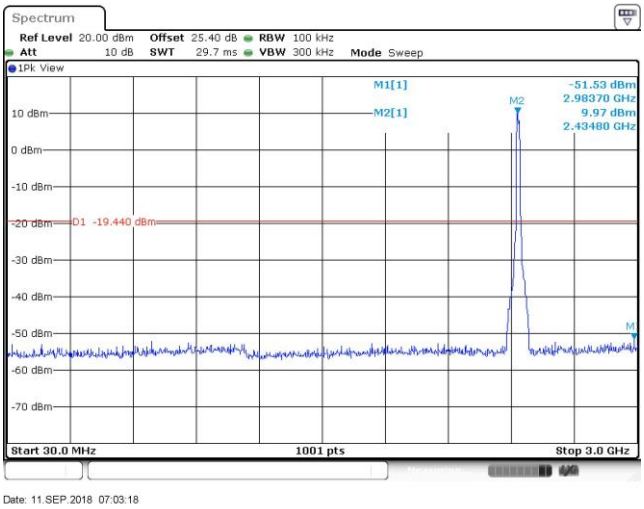
100kHz PSD reference Level	Channel Plot
	
Spurious Emission 30MHz~3GHz	**Spurious Emission 2GHz~25GHz**
	

Test Mode :	802.11ac VHT20	Test Channel :	06

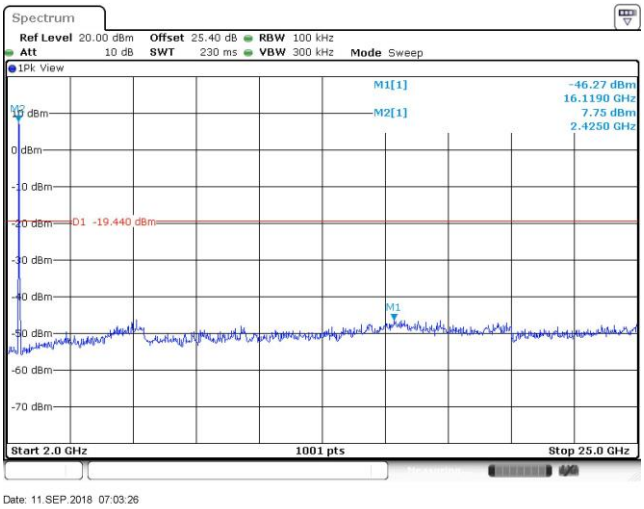
100kHz PSD reference Level



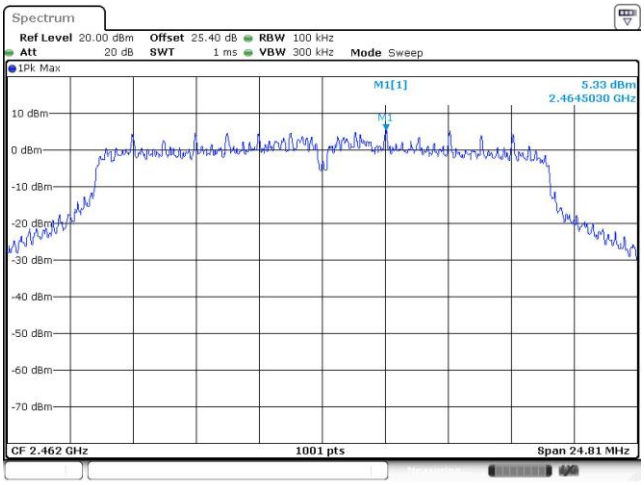
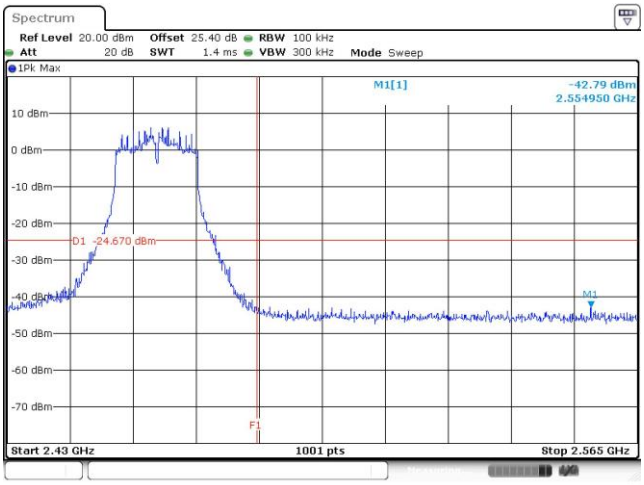
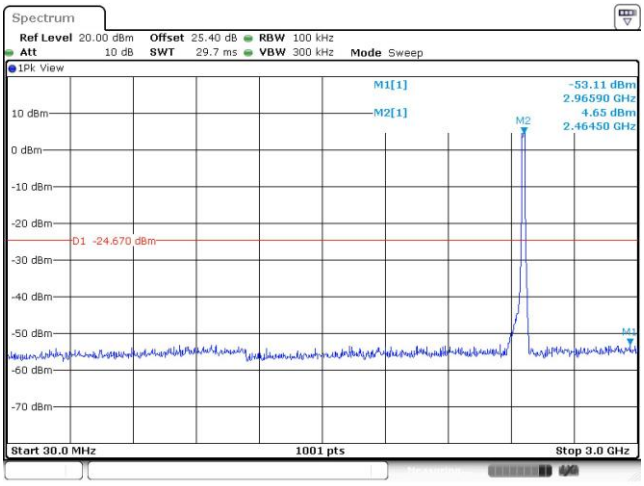
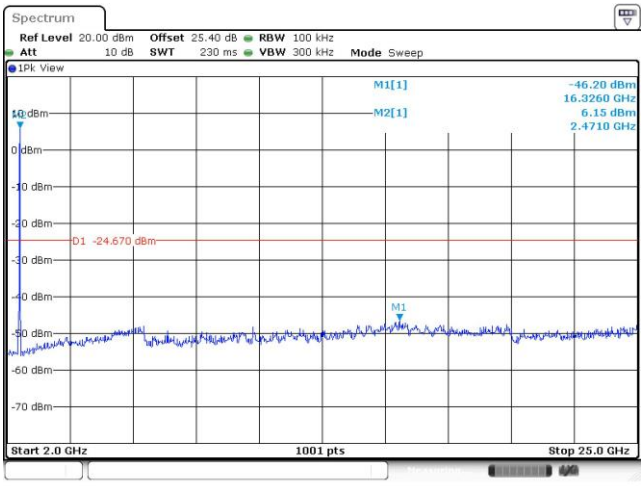
Spurious Emission 30MHz~3GHz



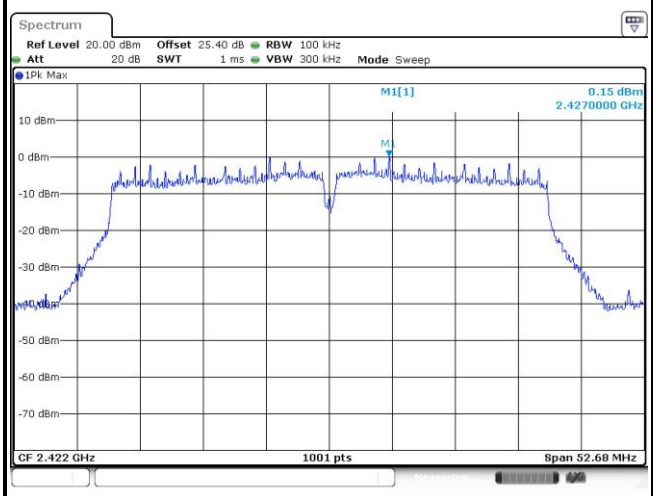
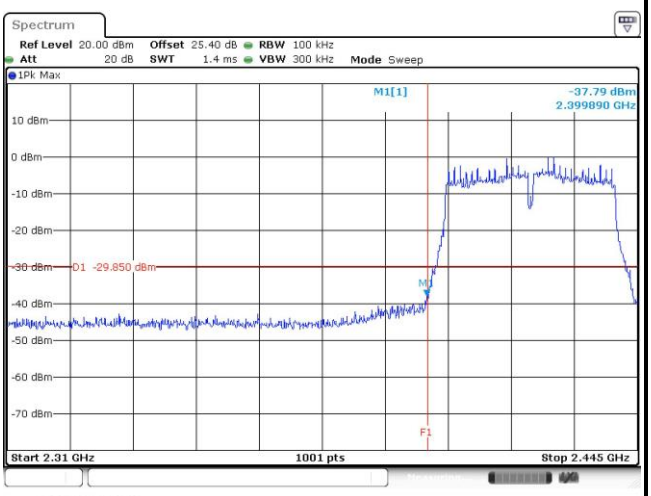
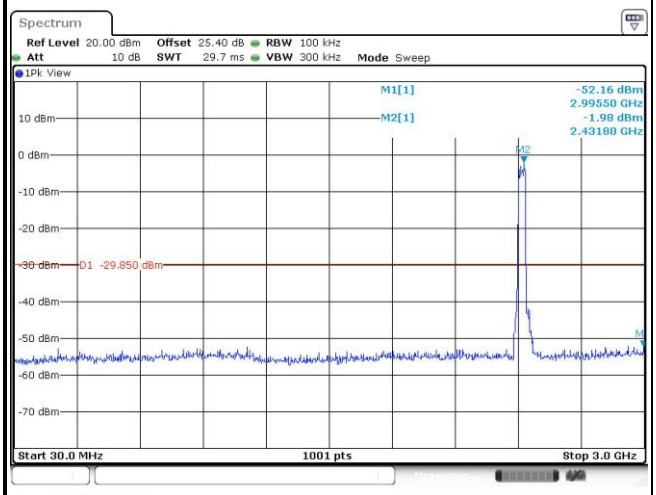
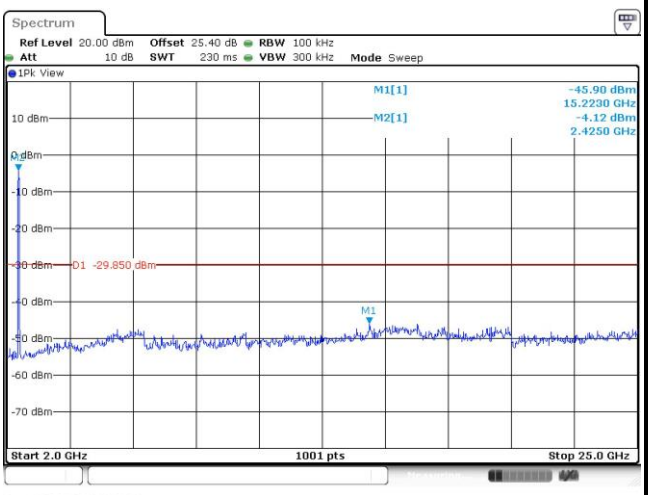
Spurious Emission 2GHz~25GHz



Test Mode :	802.11ac VHT20	Test Channel :	11

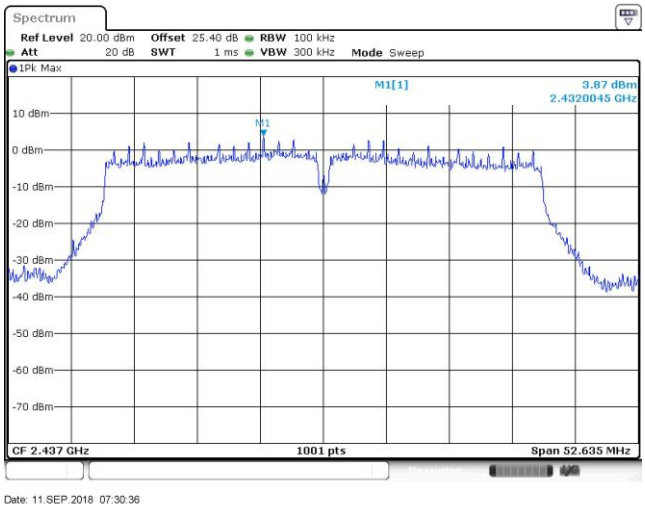
100kHz PSD reference Level	Channel Plot
	
Spurious Emission 30MHz~3GHz	Spurious Emission 2GHz~25GHz
	

Test Mode :	802.11ac VHT40	Test Channel :	03

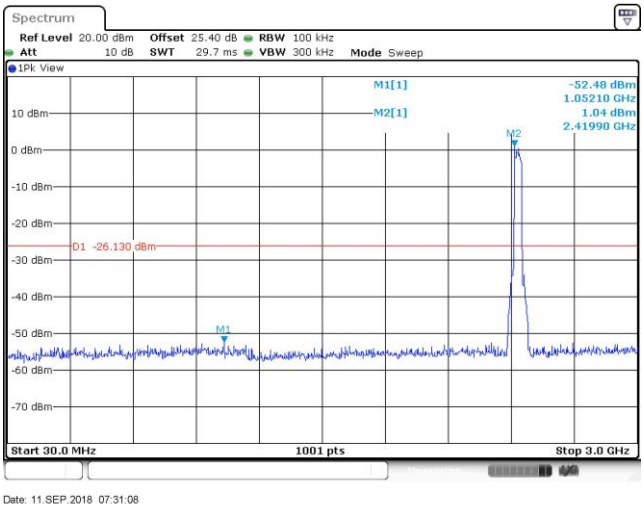
100kHz PSD reference Level	Channel Plot
	
Spurious Emission 30MHz~3GHz	**Spurious Emission 2GHz~25GHz**
	

Test Mode :	802.11ac VHT40	Test Channel :	06

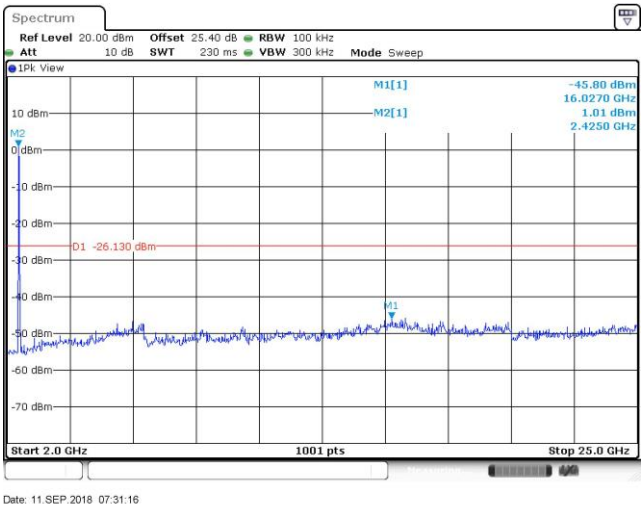
100kHz PSD reference Level



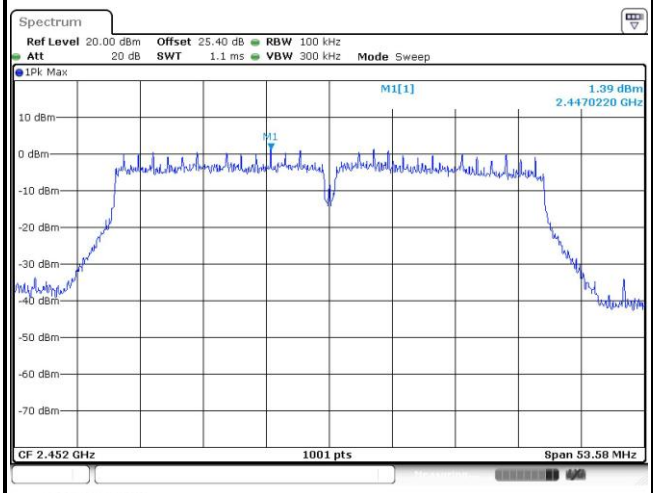
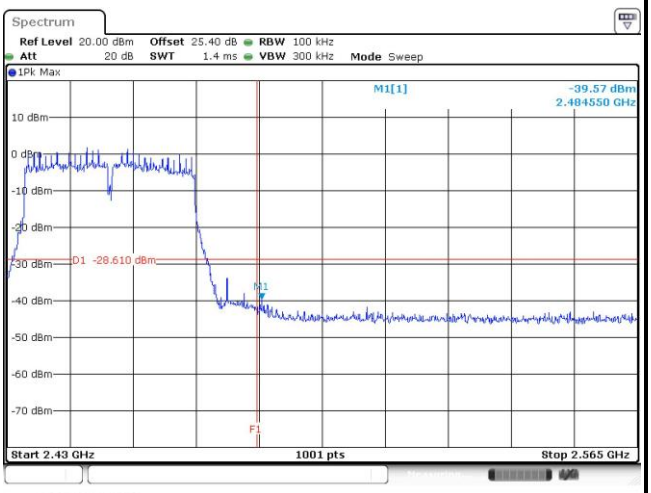
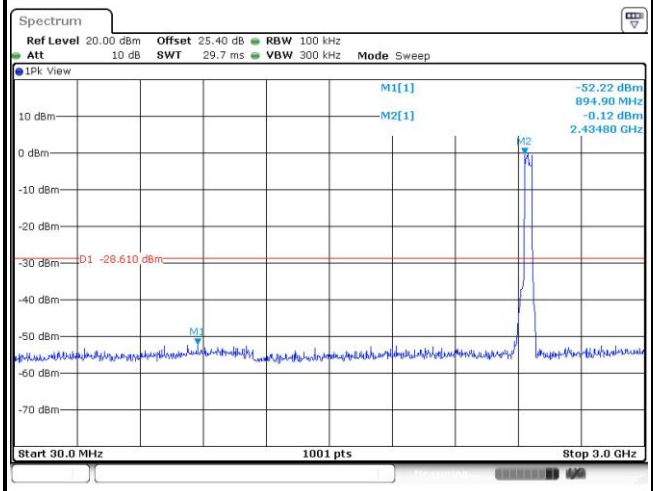
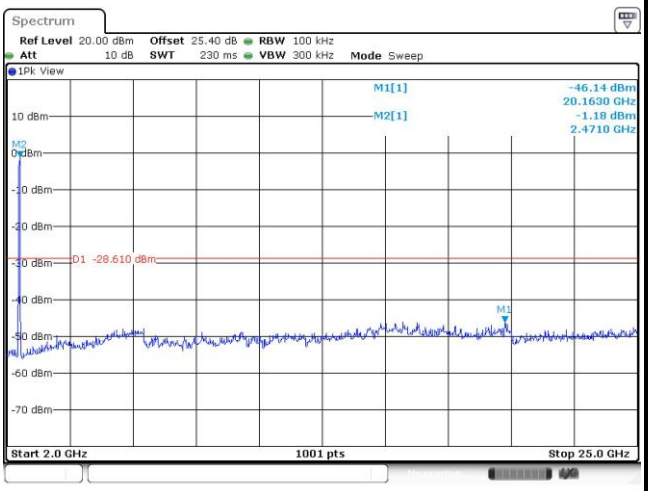
Spurious Emission 30MHz~3GHz



Spurious Emission 2GHz~25GHz



Test Mode :	802.11ac VHT40	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

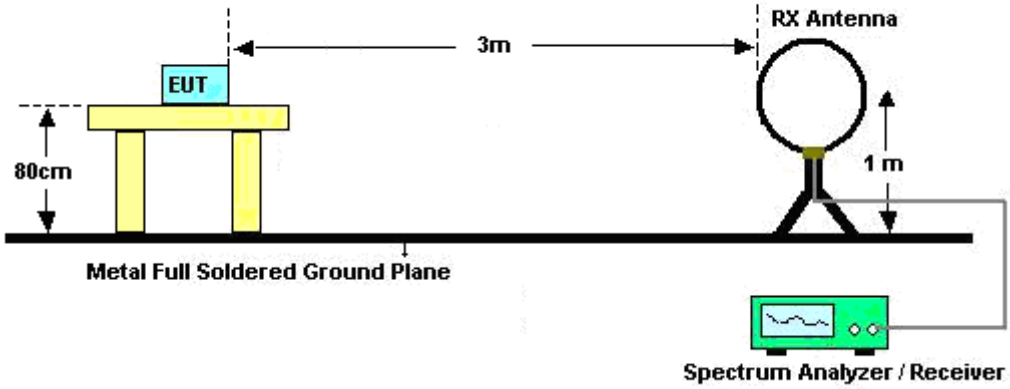
See list of measuring equipment of this test report.

3.5.3 Test Procedures

1. The testing follows FCC KDB Publication No. 558074 D01 DTS Meas. Guidance v05.
2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level.
3. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
5. Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level
6. For testing below 1GHz, if the emission level of the EUT in peak mode was 3 dB lower than the limit specified, then peak values of EUT will be reported, otherwise, the emissions will be repeated one by one using the CISPR quasi-peak method and reported.
7. For testing above 1GHz, the emission level of the EUT in peak mode was 20dB lower than average limit (that means the emission level in average mode also complies with the limit in average mode), then peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.
8. Use the following spectrum analyzer settings:
   (1) Span shall wide enough to fully capture the emission being measured;
   (2) Set RBW=100 kHz for f < 1 GHz; VBW ≥ RBW; Sweep = auto; Detector function = peak; Trace = max hold;
   (3) Set RBW = 1 MHz, VBW= 3MHz 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.

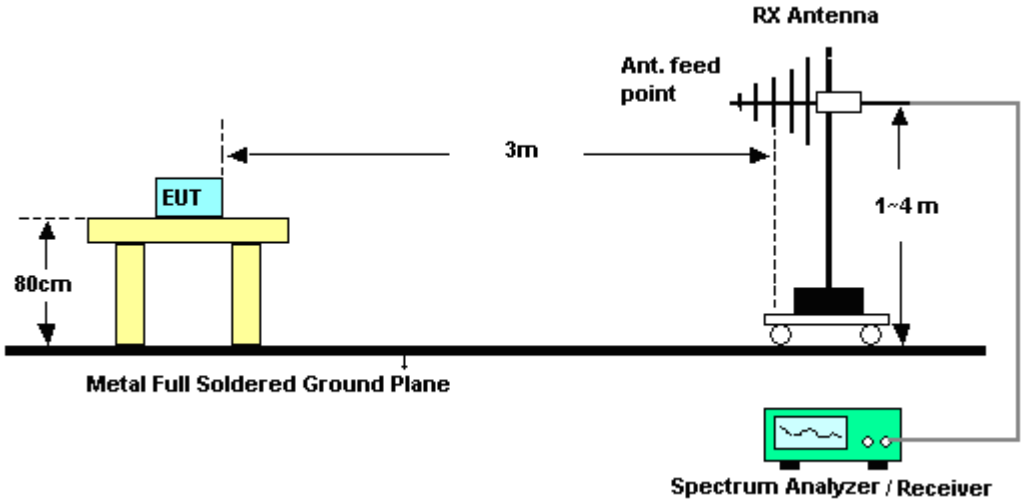
3.5.4 Test Setup

For radiated emissions below 30MHz

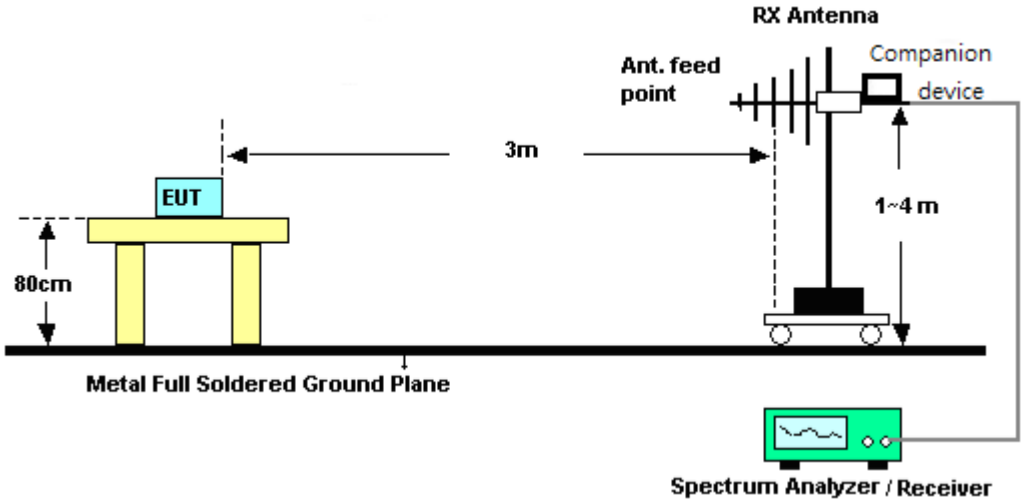


For radiated emissions from 30MHz to 1GHz

<CDD Mode>

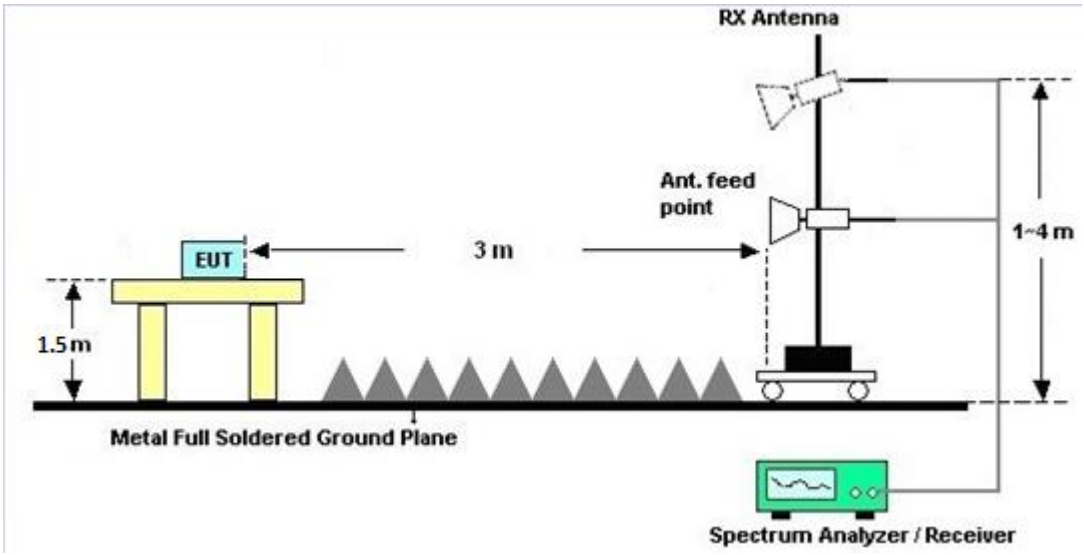


<TXBF Modes>

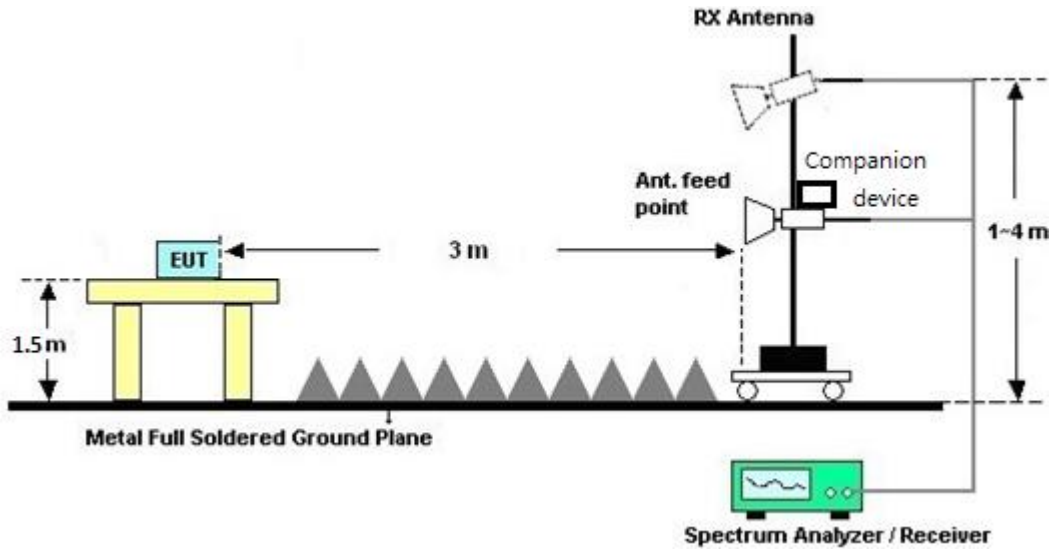


For radiated emissions above 1GHz

<CDD Mode>



<TXBF Modes>



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

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

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

3.5.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix B and C.

3.5.7 Duty Cycle

Please refer to Appendix D.

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

Please refer to Appendix B and C.

3.6 AC Conducted Emission Measurement

3.6.1 Limit of AC Conducted Emission

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

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

*Decreases with the logarithm of the frequency.

For terminal test result, the testing follows FCC KDB 174176.

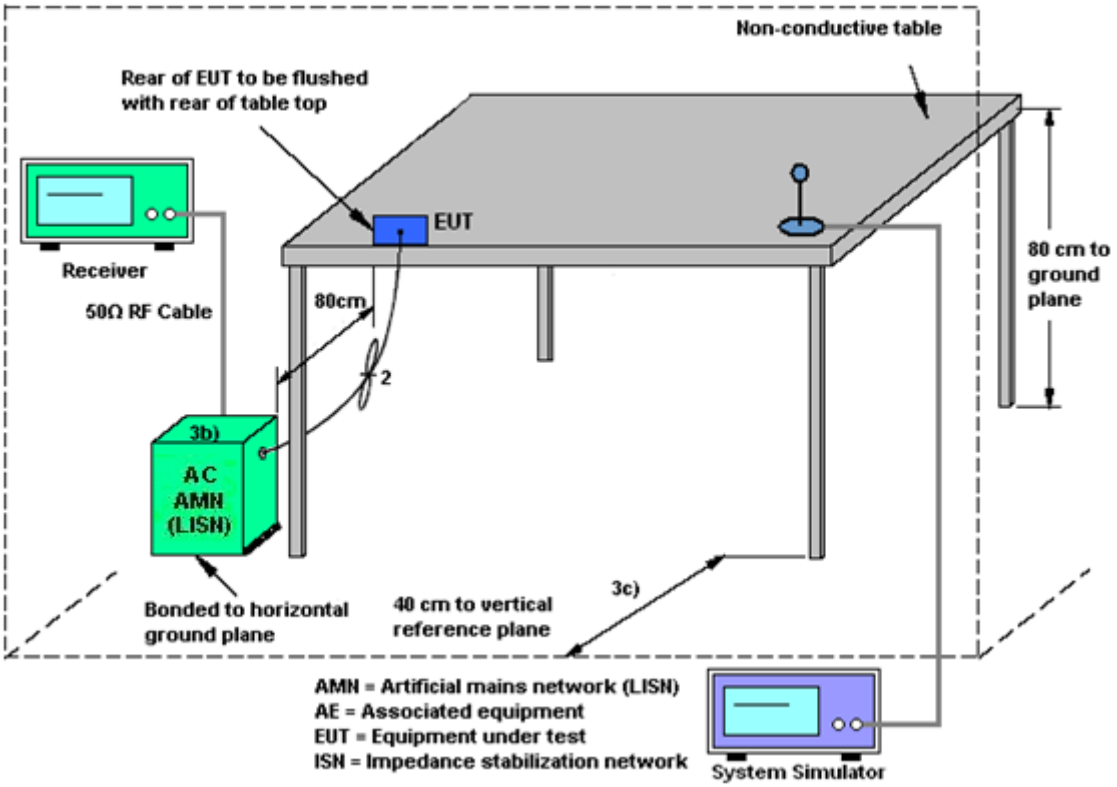
3.6.2 Measuring Instruments

See list of measuring equipment of this test report.

3.6.3 Test Procedures

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

3.6.4 Test Setup



3.6.5 Test Result of AC Conducted Emission

Please refer to Appendix A.

3.7 Antenna Requirements

3.7.1 Standard Applicable

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

3.7.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.7.3 Antenna Gain

<CDD Modes >

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

For CDD transmissions, directional gain is calculated as

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

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

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

For power measurements on IEEE 802.11 devices,

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

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

The EUT supports CDD mode.

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

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

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

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

<CDD Modes>

			DG for Power	DG for PSD	Power Limit Reduction	PSD Limit Reduction
	Ant. 1 (dBi)	Ant. 2 (dBi)	(dBi)	(dBi)	(dB)	(dB)
2.4 GHz	1.60	1.70	1.70	4.66	0.00	0.00

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

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

TXBF modes

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

For CDD transmissions, directional gain is calculated as

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

where

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

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

N_{ANT} = the total number of antennas

$g_{j,k} = 10^{G_k/20}$ if the 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.

	Ant. 1 (dBi)	Ant. 2 (dBi)	DG for Power (dBi)	DG for PSD (dBi)	Power Limit Reduction (dB)	PSD Limit Reduction (dB)
2.4 GHz	1.60	1.70	4.66	4.66	0.00	0.00

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

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

4 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Power Meter	Anritsu	ML2495A	0932001	N/A	Sep. 26, 2017	May 28, 2018~ Sep. 11, 2018	Sep. 25, 2018	Conducted (TH05-HY)
Power Sensor	Anritsu	MA2411B	0846202	300MHz~40GHz	Sep. 26, 2017	May 28, 2018~ Sep. 11, 2018	Sep. 25, 2018	Conducted (TH05-HY)
Spectrum Analyzer	Rohde & Schwarz	FSP30	101067	9kHz ~ 30GHz	Nov. 13, 2017	May 28, 2018~ Sep. 11, 2018	Nov. 12, 2018	Conducted (TH05-HY)
Spectrum Analyzer	Rohde & Schwarz	FSV 30	100895	9kHz ~ 30GHz	Nov. 07, 2017	May 28, 2018~ Sep. 11, 2018	Nov. 06, 2018	Conducted (TH05-HY)
Switch Box & RF Cable	Burgeon	ETF-058	EC1300484	N/A	Mar. 01, 2018	May 28, 2018~ Sep. 11, 2018	Feb. 28, 2019	Conducted (TH05-HY)
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Aug. 07, 2018 ~ Aug. 11, 2018	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	9KHz~3.6GHz	Dec. 08, 2017	Aug. 07, 2018 ~ Aug. 11, 2018	Dec. 07, 2018	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100080	9kHz~30MHz	Nov. 30, 2017	Aug. 07, 2018 ~ Aug. 11, 2018	Nov. 29, 2018	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100081	9kHz~30MHz	Dec. 08, 2017	Aug. 07, 2018 ~ Aug. 11, 2018	Dec. 07, 2018	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Aug. 07, 2018 ~ Aug. 11, 2018	N/A	Conduction (CO05-HY)
LF Cable	HUBER + SUHNER	RG-214/U	LF01	N/A	Jan. 03, 2018	Aug. 07, 2018 ~ Aug. 11, 2018	Jan. 02, 2019	Conduction (CO05-HY)
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100851	N/A	Jan. 03, 2018	Aug. 07, 2018 ~ Aug. 11, 2018	Jan. 02, 2019	Conduction (CO05-HY)
Bilog Antenna	TESEQ	CBL 6111D&00800N1D01N-06	35419&03	30MHz to 1GHz	Dec. 18, 2017	Aug. 07, 2018 ~ Sep. 05, 2018	Dec. 17, 2018	Radiation (03CH07-HY)
Double Ridge Horn Antenna	ESCO	3117	00075962	1GHz ~ 18GHz	Aug. 23, 2017	Aug. 07, 2018 ~ Aug. 21, 2018	Aug. 22, 2018	Radiation (03CH07-HY)
Double Ridge Horn Antenna	EMCO	3117	00066583	1GHz~18GHz	Aug. 06, 2018	Aug. 07, 2018 ~ Sep. 05, 2018	Aug. 05, 2019	Radiation (03CH07-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~30 MHz	Nov. 10, 2017	Aug. 07, 2018 ~ Sep. 05, 2018	Nov. 09, 2018	Radiation (03CH07-HY)
Preamplifier	MITEQ	AMF-7D-00101800-30-10P	1590075	1GHz ~ 18GHz	Apr. 25, 2018	Aug. 07, 2018 ~ Sep. 05, 2018	Apr. 24, 2019	Radiation (03CH07-HY)
Preamplifier	COM-POWER	PA-103A	161241	10MHz-1GHz	May 21, 2018	Aug. 07, 2018 ~ Sep. 05, 2018	May 20, 2019	Radiation (03CH07-HY)
Preamplifier	Agilent	8449B	3008A02362	1GHz~ 26.5GHz	Oct. 30, 2017	Aug. 07, 2018 ~ Sep. 05, 2018	Oct. 29, 2018	Radiation (03CH07-HY)
Spectrum Analyzer	Agilent	N9010A	MY53470118	10Hz~44GHz	Apr. 17, 2018	Aug. 07, 2018 ~ Sep. 05, 2018	Apr. 16, 2019	Radiation (03CH07-HY)
Filter	Microwave	H1G013G1	SN477215	1.0G High Pass	Dec. 07, 2017	Aug. 07, 2018 ~ Sep. 05, 2018	Dec. 06, 2018	Radiation (03CH07-HY)
Filter	Wainwright	WLKS1200-8SS	SN3	1.2G Low Pass	Nov. 21, 2017	Aug. 07, 2018 ~ Sep. 05, 2018	Nov. 20, 2018	Radiation (03CH07-HY)
Filter	Microwave	H3G018G1	SN477220	3.0G High Pass	Nov. 21, 2017	Aug. 07, 2018 ~ Sep. 05, 2018	Nov. 20, 2018	Radiation (03CH07-HY)
Filter	Microwave	WHKX7.0/26.5G-6SS	SN4	7G High Pass	Nov. 21, 2017	Aug. 07, 2018 ~ Sep. 05, 2018	Nov. 20, 2018	Radiation (03CH07-HY)

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY24971/4, MY28655/4	9KHz~30MHz	Jan. 02, 2018	Aug. 07, 2018 ~ Sep. 05, 2018	Jan. 01, 2019	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY28655/4, MY24971/4, MY15682/4	30MHz~1GHz	Feb. 27, 2018	Aug. 07, 2018 ~ Sep. 05, 2018	Feb. 26, 2019	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY28655/4, MY24971/4, MY15682/4	1GHz~18GHz	Feb. 27, 2018	Aug. 07, 2018 ~ Sep. 05, 2018	Feb. 26, 2019	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY2858/2	18GHz~40GHz	Feb. 27, 2018	Aug. 07, 2018 ~ Sep. 05, 2018	Feb. 26, 2019	Radiation (03CH07-HY)
Antenna Mast	Max-Full	MFA520BS	N/A	1m~4m	N/A	Aug. 07, 2018 ~ Sep. 05, 2018	N/A	Radiation (03CH07-HY)
Turn Table	ChainTek	Chaintek 3000	N/A	0~360 Degree	N/A	Aug. 07, 2018 ~ Sep. 05, 2018	N/A	Radiation (03CH07-HY)
Amplifier	MITEQ	TTA1840-35-HG	1871923	18GHz~40GHz, VSWR : 2.5:1 max	Jul. 16, 2018	Aug. 07, 2018 ~ Sep. 05, 2018	Jul. 15, 2019	Radiation (03CH07-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170251	18GHz- 40GHz	Nov. 10, 2017	Aug. 07, 2018 ~ Sep. 05, 2018	Nov. 09, 2018	Radiation (03CH07-HY)
EMI Test Receiver	Agilent	N9038A(MXE)	MY53290053	20Hz to 26.5GHz	Jan. 16, 2018	Aug. 07, 2018 ~ Sep. 05, 2018	Jan. 15, 2019	Radiation (03CH07-HY)
Software	Audix	E3 6.2009-8-24	8050400465 6H	N/A	N/A	Aug. 07, 2018 ~ Sep. 05, 2018	N/A	Radiation (03CH07-HY)

5 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**2.70**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**5.70**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**5.50**

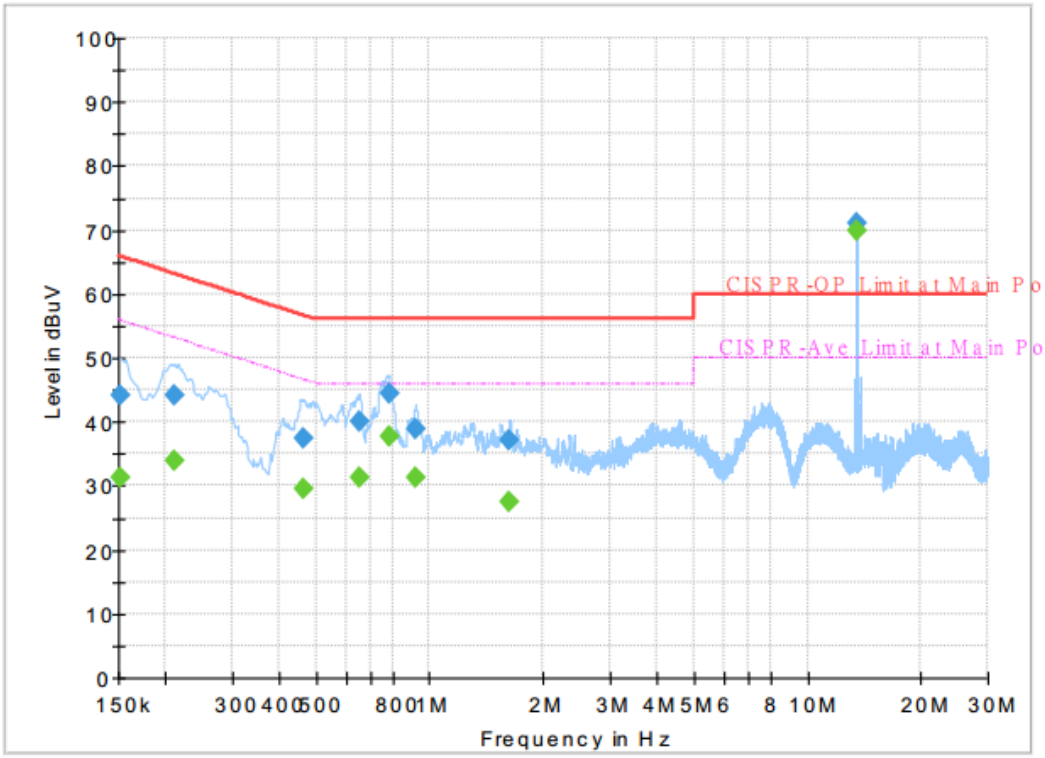
Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**5.20**

Appendix A. AC Conducted Emission Test Results

<Original test result with NFC antenna>

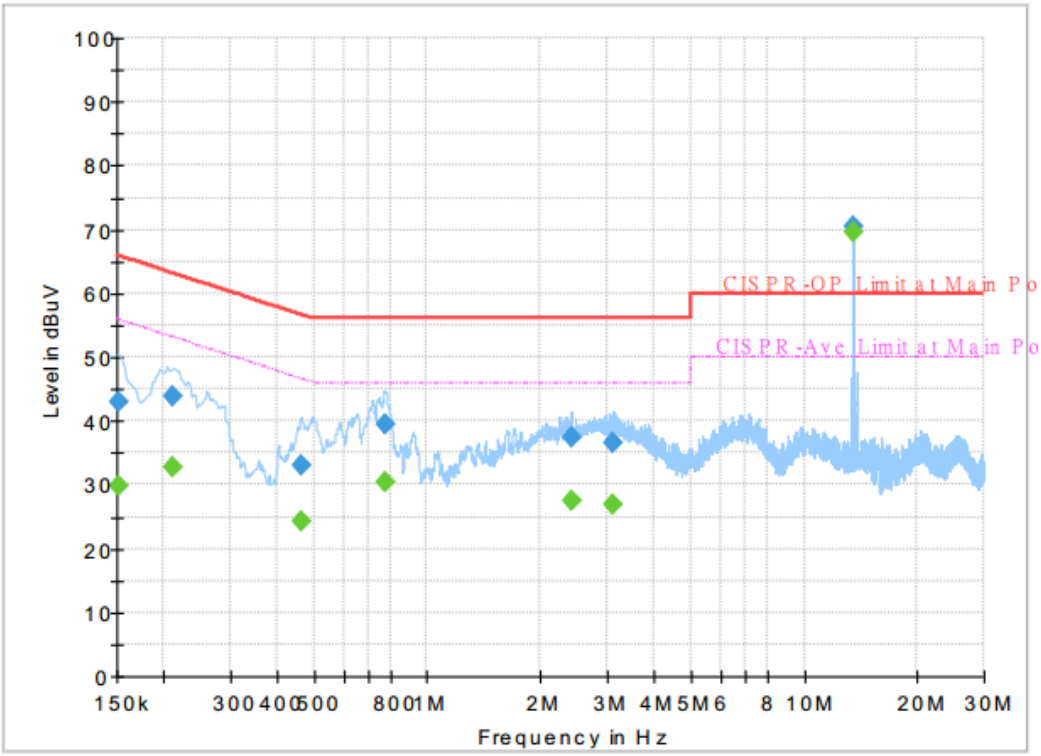
Test Mode :	Mode 1	**Temperature :**	25~27℃
Test Engineer :	Kai-Chun Chu	**Relative Humidity :**	50~52%
Test Voltage :	120Vac / 60Hz	**Phase :**	Line



Final Result

Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	31.25	55.88	24.63	L1	OFF	19.5
0.152250	44.13	---	65.88	21.75	L1	OFF	19.5
0.210750	---	34.00	53.18	19.18	L1	OFF	19.5
0.210750	44.23	---	63.18	18.95	L1	OFF	19.5
0.462750	---	29.63	46.64	17.01	L1	OFF	19.5
0.462750	37.37	---	56.64	19.27	L1	OFF	19.5
0.649500	---	31.17	46.00	14.83	L1	OFF	19.5
0.649500	40.12	---	56.00	15.88	L1	OFF	19.5
0.780000	---	37.77	46.00	8.23	L1	OFF	19.5
0.780000	44.48	---	56.00	11.52	L1	OFF	19.5
0.919500	---	31.21	46.00	14.79	L1	OFF	19.5
0.919500	38.82	---	56.00	17.18	L1	OFF	19.5
1.630500	---	27.49	46.00	18.51	L1	OFF	19.6
1.630500	37.08	---	56.00	18.92	L1	OFF	19.6
13.560000	---	70.00	50.00	-20.00	L1	OFF	19.7
13.560000	70.91	---	60.00	-10.91	L1	OFF	19.7

Test Mode :	Mode 1	Temperature :	25~27℃
Test Engineer :	Kai-Chun Chu	Relative Humidity :	50~52%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral

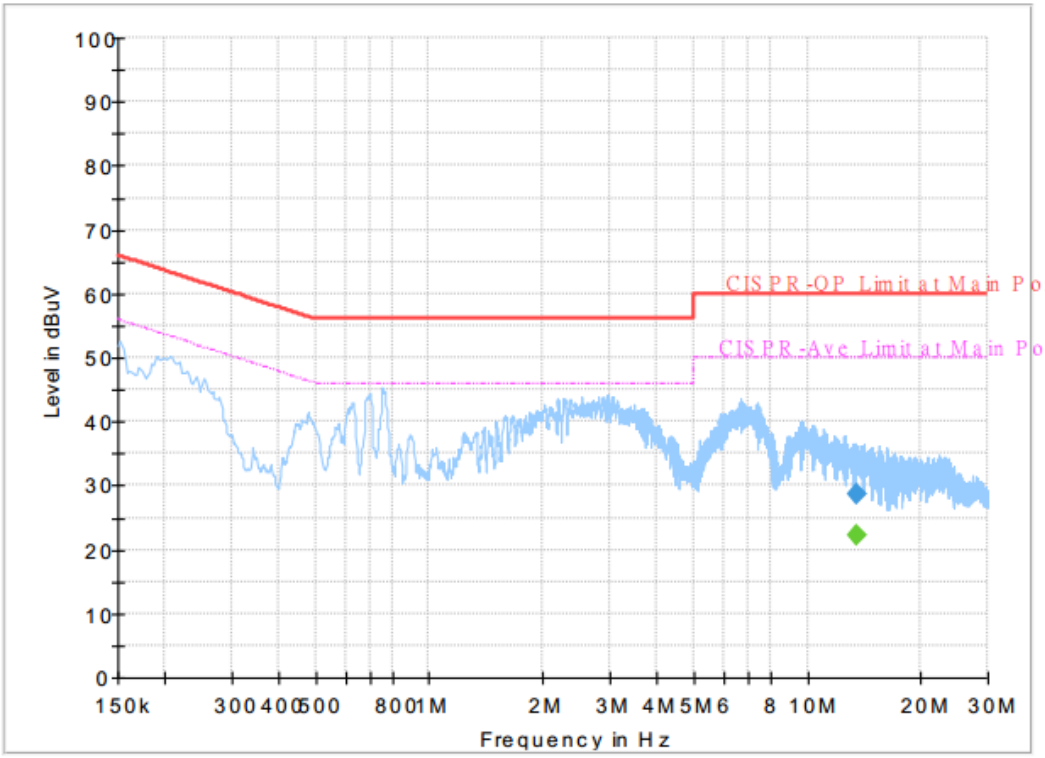


Final Result

Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	29.87	55.88	26.01	N	OFF	19.5
0.152250	42.92	---	65.88	22.96	N	OFF	19.5
0.210750	---	32.68	53.18	20.50	N	OFF	19.5
0.210750	43.89	---	63.18	19.29	N	OFF	19.5
0.462750	---	24.15	46.64	22.49	N	OFF	19.5
0.462750	33.12	---	56.64	23.52	N	OFF	19.5
0.771000	---	30.42	46.00	15.58	N	OFF	19.5
0.771000	39.34	---	56.00	16.66	N	OFF	19.5
2.411250	---	27.51	46.00	18.49	N	OFF	19.5
2.411250	37.31	---	56.00	18.69	N	OFF	19.5
3.124500	---	26.82	46.00	19.18	N	OFF	19.6
3.124500	36.60	---	56.00	19.40	N	OFF	19.6
13.560000	---	69.52	50.00	-19.52	N	OFF	19.8
13.560000	70.59	---	60.00	-10.59	N	OFF	19.8

<Terminal test result with dummy load>

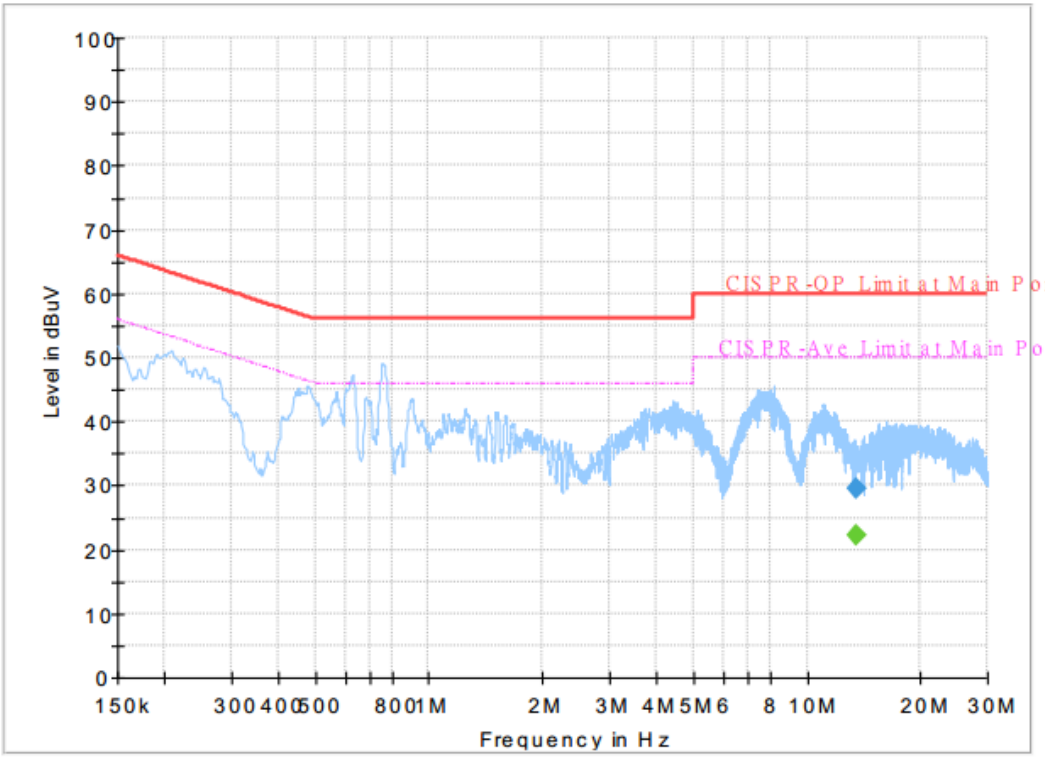
Test Mode :	Mode 1	**Temperature :**	25~27℃
Test Engineer :	Kai-Chun Chu	**Relative Humidity :**	50~52%
Test Voltage :	120Vac / 60Hz	**Phase :**	Line



Final Result

Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
13.560000	---	22.20	50.00	27.80	L1	OFF	19.7
13.560000	28.57	---	60.00	31.43	L1	OFF	19.7

Test Mode :	Mode 1	Temperature :	25~27℃
Test Engineer :	Kai-Chun Chu	Relative Humidity :	50~52%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral

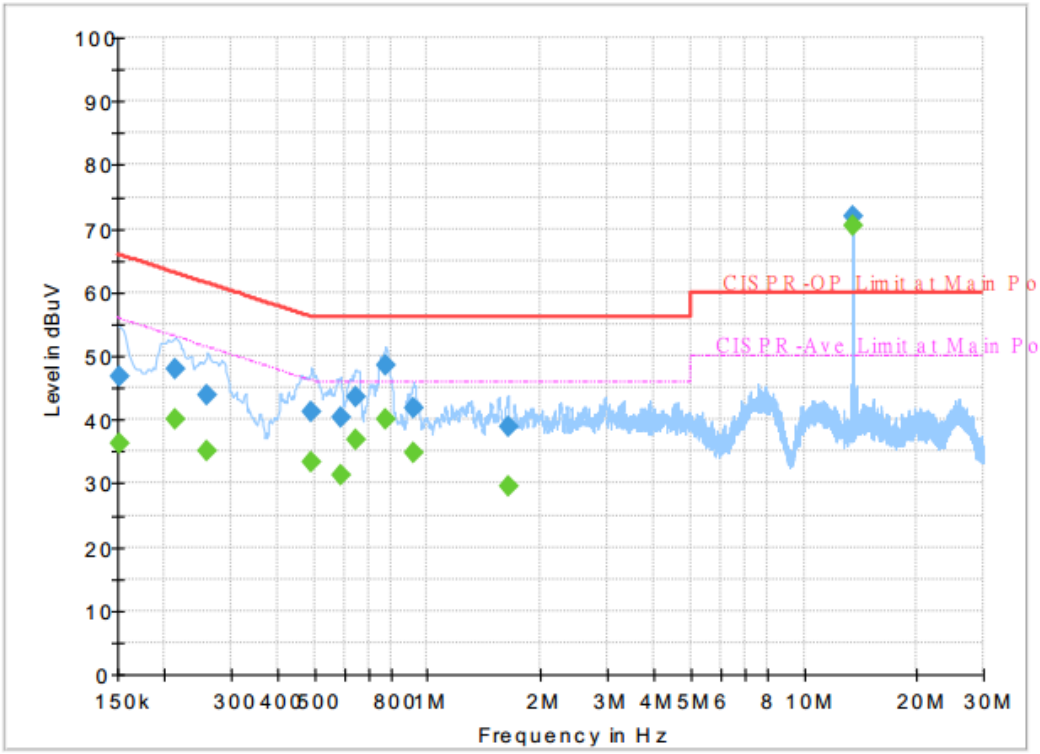


Final Result

Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
13.560000	---	22.27	50.00	27.73	N	OFF	19.8
13.560000	29.39	---	60.00	30.61	N	OFF	19.8

<Original test result with NFC antenna>

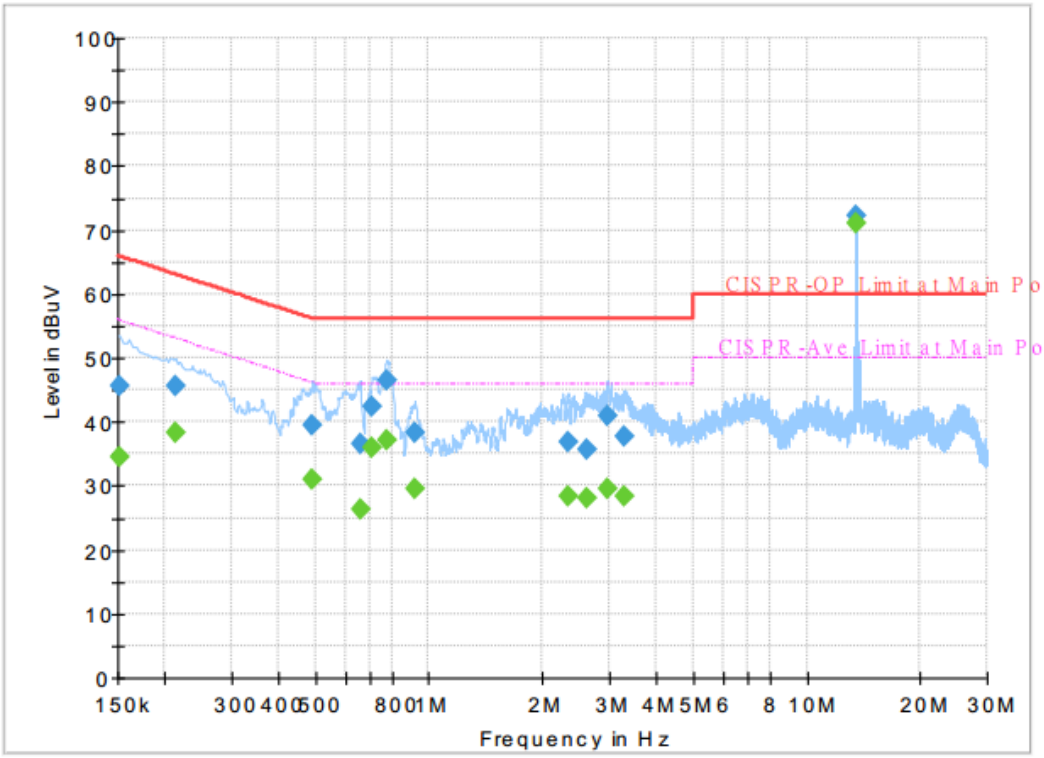
Test Mode :	Mode 2	Temperature :	25~27℃
Test Engineer :	Kai-Chun Chu	Relative Humidity :	50~52%
Test Voltage :	120Vac / 60Hz	Phase :	Line



Final Result

Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	36.20	55.88	19.68	L1	OFF	19.5
0.152250	46.85	---	65.88	19.03	L1	OFF	19.5
0.213000	---	40.19	53.09	12.90	L1	OFF	19.5
0.213000	48.09	---	63.09	15.00	L1	OFF	19.5
0.260250	---	35.09	51.42	16.33	L1	OFF	19.5
0.260250	43.76	---	61.42	17.66	L1	OFF	19.5
0.492000	---	33.25	46.13	12.88	L1	OFF	19.5
0.492000	41.28	---	56.13	14.85	L1	OFF	19.5
0.586500	---	31.28	46.00	14.72	L1	OFF	19.5
0.586500	40.21	---	56.00	15.79	L1	OFF	19.5
0.642750	---	36.84	46.00	9.16	L1	OFF	19.5
0.642750	43.59	---	56.00	12.41	L1	OFF	19.5
0.773250	---	40.16	46.00	5.84	L1	OFF	19.5
0.773250	48.66	---	56.00	7.34	L1	OFF	19.5
0.917250	---	34.80	46.00	11.20	L1	OFF	19.5
0.917250	41.89	---	56.00	14.11	L1	OFF	19.5
1.635000	---	29.51	46.00	16.49	L1	OFF	19.6
1.635000	38.96	---	56.00	17.04	L1	OFF	19.6
13.560000	---	70.57	50.00	-20.57	L1	OFF	19.7
13.560000	71.84	---	60.00	-11.84	L1	OFF	19.7

Test Mode :	Mode 2	Temperature :	25~27℃
Test Engineer :	Kai-Chun Chu	Relative Humidity :	50~52%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral

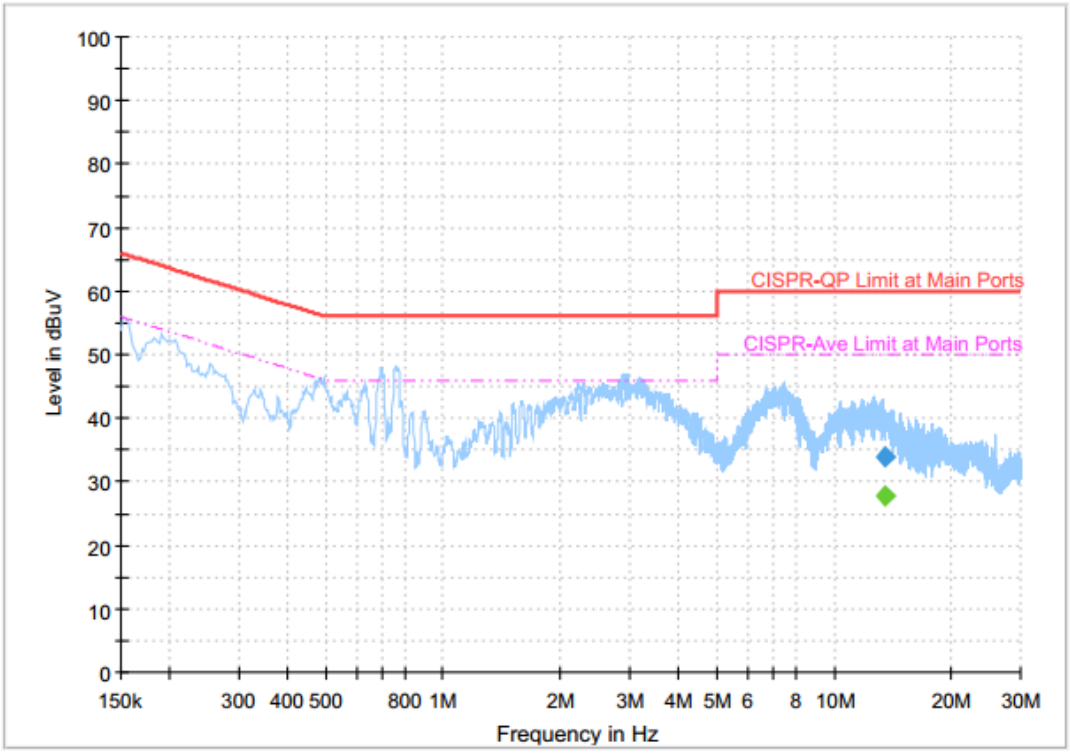


Final Result

Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	34.58	55.88	21.30	N	OFF	19.5
0.152250	45.50	---	65.88	20.38	N	OFF	19.5
0.213000	---	38.17	53.09	14.92	N	OFF	19.5
0.213000	45.71	---	63.09	17.38	N	OFF	19.5
0.492000	---	31.02	46.13	15.11	N	OFF	19.5
0.492000	39.54	---	56.13	16.59	N	OFF	19.5
0.656250	---	26.45	46.00	19.55	N	OFF	19.5
0.656250	36.66	---	56.00	19.34	N	OFF	19.5
0.710250	---	35.90	46.00	10.10	N	OFF	19.5
0.710250	42.46	---	56.00	13.54	N	OFF	19.5
0.773250	---	37.16	46.00	8.84	N	OFF	19.5
0.773250	46.50	---	56.00	9.50	N	OFF	19.5
0.919500	---	29.43	46.00	16.57	N	OFF	19.5
0.919500	38.17	---	56.00	17.83	N	OFF	19.5
2.328000	---	28.50	46.00	17.50	N	OFF	19.5
2.328000	36.89	---	56.00	19.11	N	OFF	19.5
2.629500	---	28.03	46.00	17.97	N	OFF	19.5
2.629500	35.59	---	56.00	20.41	N	OFF	19.5
2.955750	---	29.60	46.00	16.40	N	OFF	19.6
2.955750	41.02	---	56.00	14.98	N	OFF	19.6
3.306750	---	28.48	46.00	17.52	N	OFF	19.6
3.306750	37.58	---	56.00	18.42	N	OFF	19.6
13.560000	---	70.94	50.00	-20.94	N	OFF	19.8
13.560000	72.12	---	60.00	-12.12	N	OFF	19.8

<Terminal test result with dummy load>

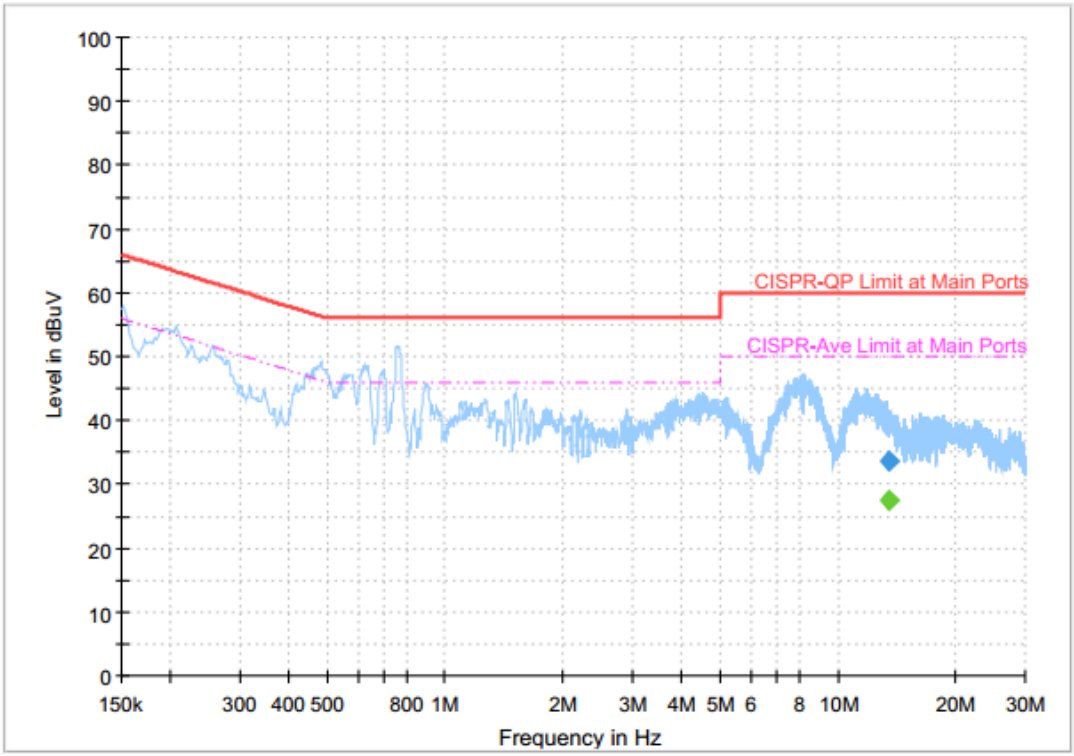
Test Mode :	Mode 2	**Temperature :**	25~27℃
Test Engineer :	Kai-Chun Chu	**Relative Humidity :**	50~52%
Test Voltage :	120Vac / 60Hz	**Phase :**	Line



Final Result

Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
13.560000	---	27.73	50.00	22.27	L1	OFF	19.7
13.560000	33.82	---	60.00	26.18	L1	OFF	19.7

Test Mode :	Mode 2	Temperature :	25~27℃
Test Engineer :	Kai-Chun Chu	Relative Humidity :	50~52%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral

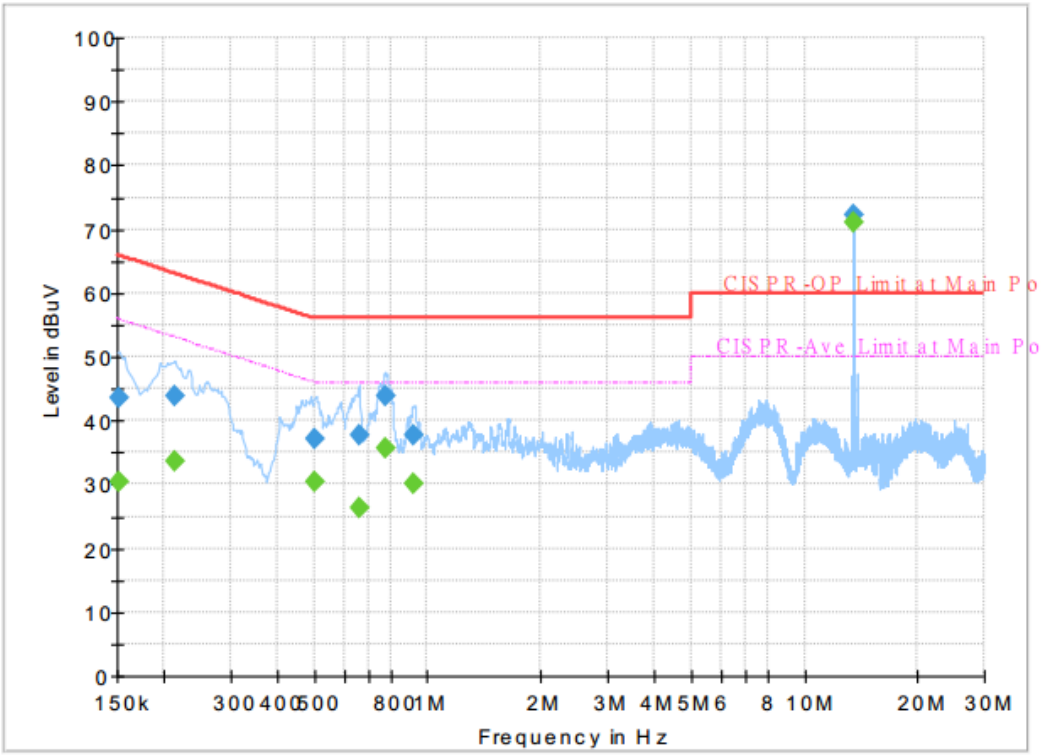


Final Result

Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
13.560000	---	27.56	50.00	22.44	N	OFF	19.8
13.560000	33.69	---	60.00	26.31	N	OFF	19.8

<Original test result with NFC antenna>

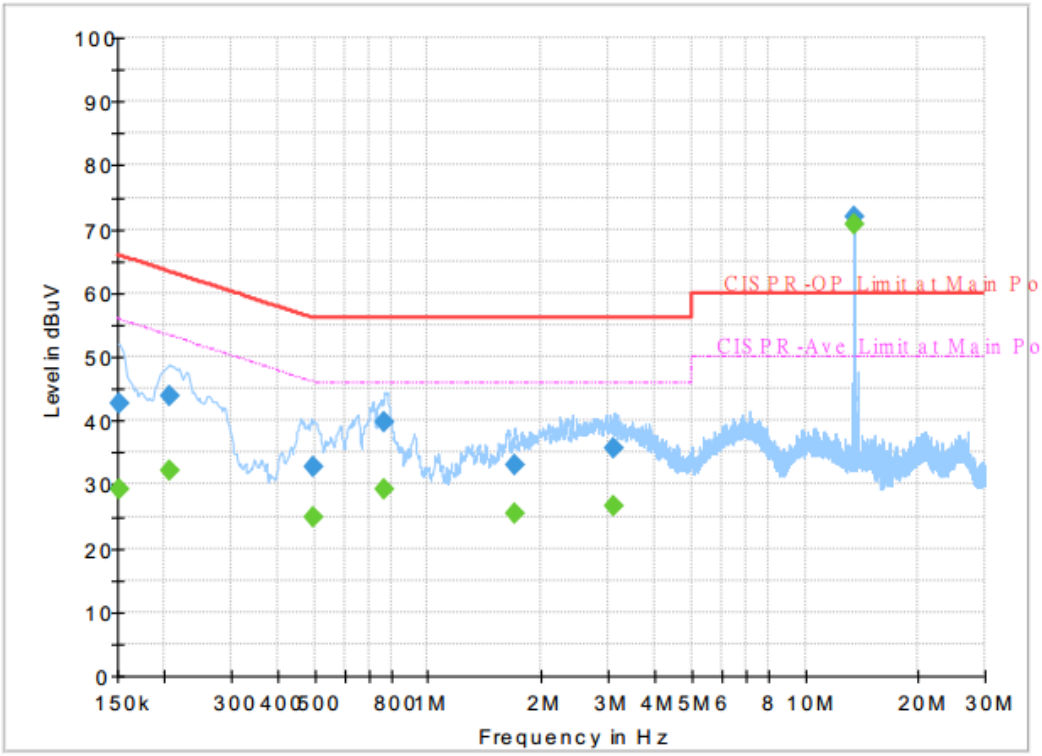
Test Mode :	Mode 3	**Temperature :**	25~27℃
Test Engineer :	Kai-Chun Chu	**Relative Humidity :**	50~52%
Test Voltage :	120Vac / 60Hz	**Phase :**	Line



Final Result

Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	30.37	55.88	25.51	L1	OFF	19.5
0.152250	43.59	---	65.88	22.29	L1	OFF	19.5
0.213000	---	33.56	53.09	19.53	L1	OFF	19.5
0.213000	43.99	---	63.09	19.10	L1	OFF	19.5
0.503250	---	30.33	46.00	15.67	L1	OFF	19.5
0.503250	37.02	---	56.00	18.98	L1	OFF	19.5
0.656250	---	26.42	46.00	19.58	L1	OFF	19.5
0.656250	37.76	---	56.00	18.24	L1	OFF	19.5
0.773250	---	35.61	46.00	10.39	L1	OFF	19.5
0.773250	43.77	---	56.00	12.23	L1	OFF	19.5
0.921750	---	30.21	46.00	15.79	L1	OFF	19.5
0.921750	37.83	---	56.00	18.17	L1	OFF	19.5
13.560000	---	71.16	50.00	-21.16	L1	OFF	19.7
13.560000	72.11	---	60.00	-12.11	L1	OFF	19.7

Test Mode :	Mode 3	Temperature :	25~27℃
Test Engineer :	Kai-Chun Chu	Relative Humidity :	50~52%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral

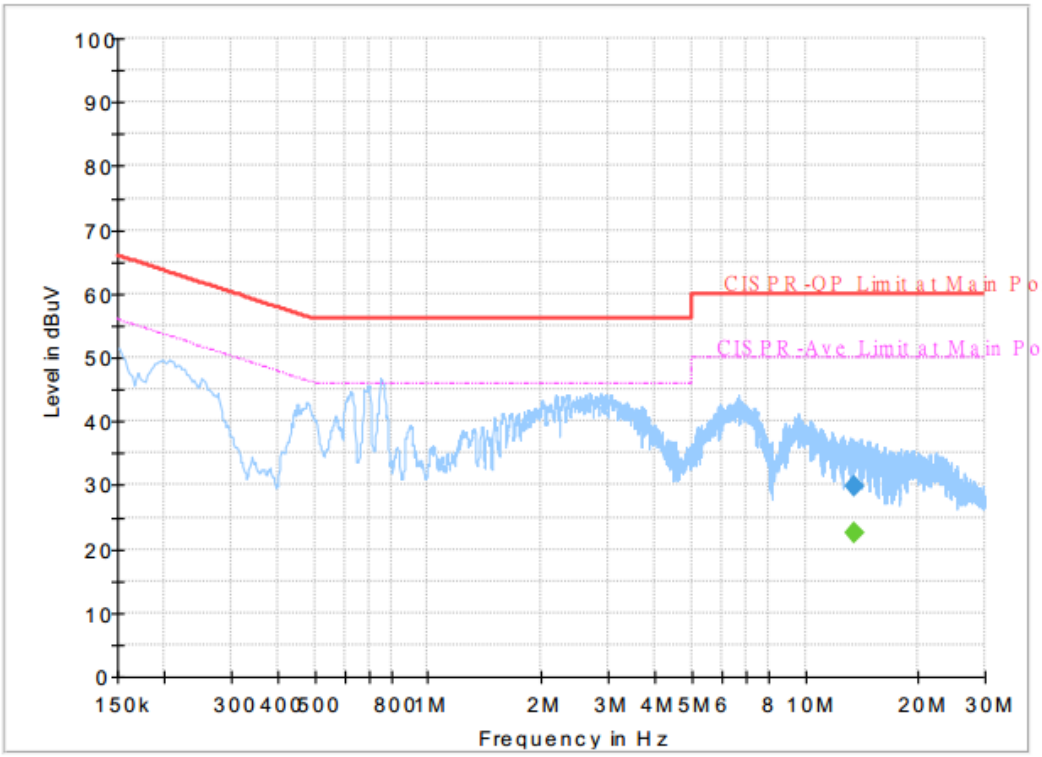


Final Result

Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	29.18	55.88	26.70	N	OFF	19.5
0.152250	42.59	---	65.88	23.29	N	OFF	19.5
0.206250	---	32.19	53.36	21.17	N	OFF	19.5
0.206250	44.00	---	63.36	19.36	N	OFF	19.5
0.494250	---	24.76	46.10	21.34	N	OFF	19.5
0.494250	32.68	---	56.10	23.42	N	OFF	19.5
0.768750	---	29.36	46.00	16.64	N	OFF	19.5
0.768750	39.72	---	56.00	16.28	N	OFF	19.5
1.698000	---	25.48	46.00	20.52	N	OFF	19.5
1.698000	33.12	---	56.00	22.88	N	OFF	19.5
3.124500	---	26.62	46.00	19.38	N	OFF	19.6
3.124500	35.58	---	56.00	20.42	N	OFF	19.6
13.560000	---	70.80	50.00	-20.80	N	OFF	19.8
13.560000	71.89	---	60.00	-11.89	N	OFF	19.8

<Terminal test result with dummy load>

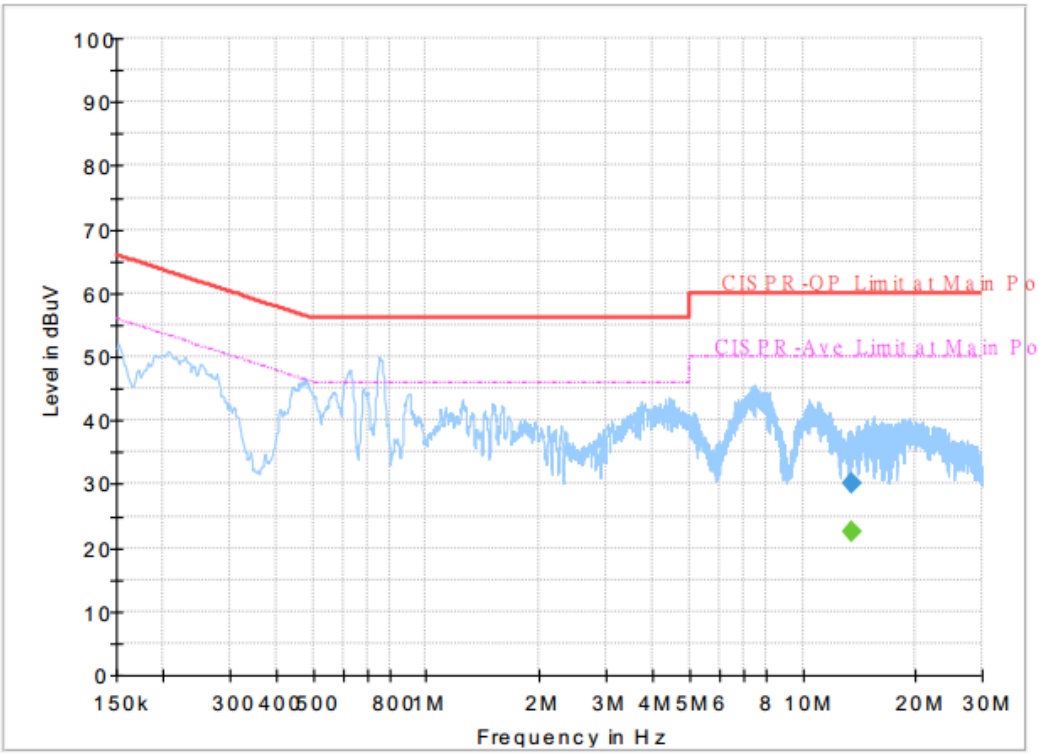
Test Mode :	Mode 3	**Temperature :**	25~27℃
Test Engineer :	Kai-Chun Chu	**Relative Humidity :**	50~52%
Test Voltage :	120Vac / 60Hz	**Phase :**	Line



Final Result

Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
13.560000	---	22.55	50.00	27.45	L1	OFF	19.7
13.560000	29.77	---	60.00	30.23	L1	OFF	19.7

Test Mode :	Mode 3	Temperature :	25~27℃
Test Engineer :	Kai-Chun Chu	Relative Humidity :	50~52%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral



Final Result

Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
13.560000	---	22.49	50.00	27.51	N	OFF	19.8
13.560000	30.09	---	60.00	29.91	N	OFF	19.8

Appendix B. Radiated Spurious Emission

Test Engineer :	Jesse Wang, Stan Hsieh, and Nick Yu	Temperature :	24~26°C
		Relative Humidity :	51~53%

<CDD Mode>
<For Earphone 1>

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		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b CH 01 2412MHz		2388.33	57.49	-16.51	74	43.15	31.95	17.43	35.04	123	277	P	H
		2387.385	50.21	-3.79	54	35.87	31.95	17.43	35.04	123	277	A	H
	*	2412	111.02	-	-	96.65	31.99	17.43	35.05	123	277	P	H
	*	2412	108.23	-	-	93.86	31.99	17.43	35.05	123	277	A	H
													H
		2386.86	57.51	-16.49	74	43.17	31.95	17.43	35.04	100	241	P	V
		2387.385	49.43	-4.57	54	35.09	31.95	17.43	35.04	100	241	A	V
	*	2412	109.98	-	-	95.61	31.99	17.43	35.05	100	241	P	V
	*	2412	106.59	-	-	92.22	31.99	17.43	35.05	100	241	A	V
													V
802.11b CH 02 2417MHz		2389.8	59.18	-14.82	74	44.85	31.95	17.43	35.05	125	276	P	H
		2389.94	48.39	-5.61	54	34.06	31.95	17.43	35.05	125	276	A	H
	*	2417	110.69	-	-	96.33	31.99	17.43	35.06	125	276	P	H
	*	2417	107.73	-	-	93.37	31.99	17.43	35.06	125	276	A	H
													H
													H
		2389.94	56.65	-17.35	74	42.32	31.95	17.43	35.05	100	241	P	V
		2389.94	47.79	-6.21	54	33.46	31.95	17.43	35.05	100	241	A	V
	*	2417	108.76	-	-	94.4	31.99	17.43	35.06	100	241	P	V
	*	2417	105.36	-	-	91	31.99	17.43	35.06	100	241	A	V
													V
													V

802.11b CH 06 2437MHz		2385.6	54.76	-19.24	74	40.42	31.95	17.43	35.04	100	278	P	H
		2386.44	44.72	-9.28	54	30.38	31.95	17.43	35.04	100	278	A	H
	*	2437	111.24	-	-	96.73	32.08	17.49	35.06	100	278	P	H
	*	2437	108.18	-	-	93.67	32.08	17.49	35.06	100	278	A	H
		2487.19	55.51	-18.49	74	40.87	32.16	17.55	35.07	100	278	P	H
		2484.25	44.48	-9.52	54	29.84	32.16	17.55	35.07	100	278	A	H
		2360.26	54.41	-19.59	74	40.2	31.87	17.37	35.03	115	241	P	V
		2386.44	44.32	-9.68	54	29.98	31.95	17.43	35.04	115	241	A	V
	*	2437	110.05	-	-	95.54	32.08	17.49	35.06	115	241	P	V
	*	2437	107.02	-	-	92.51	32.08	17.49	35.06	115	241	A	V
		2483.62	54.51	-19.49	74	39.87	32.16	17.55	35.07	115	241	P	V
		2483.62	44.21	-9.79	54	29.57	32.16	17.55	35.07	115	241	A	V
802.11b CH 10 2457MHz	*	2457	111.35	-	-	96.8	32.12	17.49	35.06	106	278	P	H
	*	2457	107.93	-	-	93.38	32.12	17.49	35.06	106	278	A	H
		2485.06	57.43	-16.57	74	42.79	32.16	17.55	35.07	106	278	P	H
		2483.68	51.42	-2.58	54	36.78	32.16	17.55	35.07	106	278	A	H
													H
													H
	*	2457	108.91	-	-	94.36	32.12	17.49	35.06	109	239	P	V
	*	2457	105.88	-	-	91.33	32.12	17.49	35.06	109	239	A	V
		2483.5	57.43	-16.57	74	42.79	32.16	17.55	35.07	109	239	P	V
		2483.74	50.13	-3.87	54	35.49	32.16	17.55	35.07	109	239	A	V
													V
													V

802.11b CH 11 2462MHz	*	2462	111.69	-	-	97.08	32.12	17.55	35.06	108	277	P	H
	*	2462	108.37	-	-	93.76	32.12	17.55	35.06	108	277	A	H
		2484.68	58.3	-15.7	74	43.66	32.16	17.55	35.07	108	277	P	H
		2483.52	50.98	-3.02	54	36.34	32.16	17.55	35.07	108	277	A	H
													H
													H
	*	2462	108.48	-	-	93.87	32.12	17.55	35.06	101	240	P	V
	*	2462	105.76	-	-	91.15	32.12	17.55	35.06	101	240	A	V
		2485.04	57.23	-16.77	74	42.59	32.16	17.55	35.07	101	240	P	V
		2483.52	49.98	-4.02	54	35.34	32.16	17.55	35.07	101	240	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	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	43.01	-30.99	74	57.14	34.23	10.98	59.34	100	0	P	H
													H
													H
													H
		4824	42.36	-31.64	74	56.49	34.23	10.98	59.34	100	0	P	V
													V
													V
													V
802.11b CH 06 2437MHz		4874	43.46	-30.54	74	57.45	34.22	11.03	59.24	100	0	P	H
		7311	42.23	-31.77	74	50.99	35.71	13.66	58.13	100	0	P	H
													H
													H
		4874	45.77	-28.23	74	59.76	34.22	11.03	59.24	100	0	P	V
		7311	42.72	-31.28	74	51.48	35.71	13.66	58.13	100	0	P	V
													V
													V
802.11b CH 11 2462MHz		4924	43.64	-30.36	74	57.48	34.21	11.09	59.14	100	0	P	H
		7386	43.74	-30.26	74	52.58	35.66	13.76	58.26	100	0	P	H
													H
													H
		4924	43.84	-30.16	74	57.68	34.21	11.09	59.14	100	0	P	V
		7386	44.03	-29.97	74	52.87	35.66	13.76	58.26	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 802.11g (Band Edge @ 3m)

WIFI Ant. 1	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		2389.695	61.91	-12.09	74	47.57	31.95	17.43	35.04	100	276	P	H
		2390	52.13	-1.87	54	37.8	31.95	17.43	35.05	100	276	A	H
	*	2412	107.09	-	-	92.72	31.99	17.43	35.05	100	276	P	H
	*	2412	99.55	-	-	85.18	31.99	17.43	35.05	100	276	A	H
													H
													H
		2390	61.18	-12.82	74	46.85	31.95	17.43	35.05	100	234	P	V
		2389.905	50.68	-3.32	54	36.35	31.95	17.43	35.05	100	234	A	V
	*	2412	105.92	-	-	91.55	31.99	17.43	35.05	100	234	P	V
	*	2412	98.55	-	-	84.18	31.99	17.43	35.05	100	234	A	V
													V
													V
802.11g CH 02 2417MHz		2389.66	62.04	-11.96	74	47.7	31.95	17.43	35.04	123	276	P	H
		2389.94	52.06	-1.94	54	37.73	31.95	17.43	35.05	123	276	A	H
	*	2417	111.01	-	-	96.65	31.99	17.43	35.06	123	276	P	H
	*	2417	103.44	-	-	89.08	31.99	17.43	35.06	123	276	A	H
													H
													H
		2386.16	60.17	-13.83	74	45.83	31.95	17.43	35.04	100	236	P	V
		2389.94	50.91	-3.09	54	36.58	31.95	17.43	35.05	100	236	A	V
	*	2417	109.52	-	-	95.16	31.99	17.43	35.06	100	236	P	V
	*	2417	101.53	-	-	87.17	31.99	17.43	35.06	100	236	A	V
													V
													V

802.11g CH 06 2437MHz		2389.52	59.51	-14.49	74	45.17	31.95	17.43	35.04	114	276	P	H
		2388.68	46.04	-7.96	54	31.7	31.95	17.43	35.04	114	276	A	H
	*	2437	110.75	-	-	96.24	32.08	17.49	35.06	114	276	P	H
	*	2437	103.58	-	-	89.07	32.08	17.49	35.06	114	276	A	H
		2485.44	60.84	-13.16	74	46.2	32.16	17.55	35.07	114	276	P	H
		2485.09	46.23	-7.77	54	31.59	32.16	17.55	35.07	114	276	A	H
		2388.12	59.22	-14.78	74	44.88	31.95	17.43	35.04	114	239	P	V
		2389.52	45.73	-8.27	54	31.39	31.95	17.43	35.04	114	239	A	V
	*	2437	110.05	-	-	95.54	32.08	17.49	35.06	114	239	P	V
	*	2437	102.55	-	-	88.04	32.08	17.49	35.06	114	239	A	V
		2484.53	56.87	-17.13	74	42.23	32.16	17.55	35.07	114	239	P	V
		2486.42	45.78	-8.22	54	31.14	32.16	17.55	35.07	114	239	A	V
802.11g CH 10 2457MHz	*	2457	111.82	-	-	97.27	32.12	17.49	35.06	108	275	P	H
	*	2457	103.41	-	-	88.86	32.12	17.49	35.06	108	275	A	H
		2484.64	62.95	-11.05	74	48.31	32.16	17.55	35.07	108	275	P	H
		2483.74	52.6	-1.4	54	37.96	32.16	17.55	35.07	108	275	A	H
													H
													H
	*	2457	108.82	-	-	94.27	32.12	17.49	35.06	100	240	P	V
	*	2457	101.88	-	-	87.33	32.12	17.49	35.06	100	240	A	V
		2485	61.77	-12.23	74	47.13	32.16	17.55	35.07	100	240	P	V
		2483.98	52.23	-1.77	54	37.59	32.16	17.55	35.07	100	240	A	V
													V
													V

802.11g CH 11 2462MHz	*	2462	109.34	-	-	94.73	32.12	17.55	35.06	103	275	P	H
	*	2462	101.75	-	-	87.14	32.12	17.55	35.06	103	275	A	H
		2483.84	60.47	-13.53	74	45.83	32.16	17.55	35.07	103	275	P	H
		2483.56	51.1	-2.9	54	36.46	32.16	17.55	35.07	103	275	A	H
													H
													H
	*	2462	106.9	-	-	92.29	32.12	17.55	35.06	100	239	P	V
	*	2462	99.61	-	-	85	32.12	17.55	35.06	100	239	A	V
		2485.56	60.28	-13.72	74	45.64	32.16	17.55	35.07	100	239	P	V
		2483.52	50.76	-3.24	54	36.12	32.16	17.55	35.07	100	239	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	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	41.34	-32.66	74	55.47	34.23	10.98	59.34	100	0	P	H
													H
													H
													H
		4824	41.94	-32.06	74	56.07	34.23	10.98	59.34	100	0	P	V
													V
													V
													V
802.11g CH 06 2437MHz		4874	41.3	-32.7	74	55.29	34.22	11.03	59.24	100	0	P	H
		7311	42.37	-31.63	74	51.13	35.71	13.66	58.13	100	0	P	H
													H
													H
		4874	41.48	-32.52	74	55.47	34.22	11.03	59.24	100	0	P	V
		7311	42.06	-31.94	74	50.82	35.71	13.66	58.13	100	0	P	V
													V
													V
802.11g CH 11 2462MHz		4924	41.76	-32.24	74	55.6	34.21	11.09	59.14	100	0	P	H
		7386	43.5	-30.5	74	52.34	35.66	13.76	58.26	100	0	P	H
													H
													H
		4924	41.72	-32.28	74	55.56	34.21	11.09	59.14	100	0	P	V
		7386	42.99	-31.01	74	51.83	35.66	13.76	58.26	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 802.11ac VHT20 (Band Edge @ 3m)

WIFI Ant. 1	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)
		2390	62.95	-11.05	74	48.62	31.95	17.43	35.05	100	276	P	H
		2390	52.94	-1.06	54	38.61	31.95	17.43	35.05	100	276	A	H
	*	2412	106.39	-	-	92.02	31.99	17.43	35.05	100	276	P	H
	*	2412	98.42	-	-	84.05	31.99	17.43	35.05	100	276	A	H
802.11ac													H
VHT20													H
CH 01		2390	62.4	-11.6	74	48.07	31.95	17.43	35.05	100	234	P	V
2412MHz		2390	51.68	-2.32	54	37.35	31.95	17.43	35.05	100	234	A	V
	*	2412	105.32	-	-	90.95	31.99	17.43	35.05	100	234	P	V
	*	2412	97.33	-	-	82.96	31.99	17.43	35.05	100	234	A	V
													V
													V
		2389.1	62.17	-11.83	74	47.83	31.95	17.43	35.04	123	276	P	H
		2389.94	52.19	-1.81	54	37.86	31.95	17.43	35.05	123	276	A	H
	*	2417	111.35	-	-	96.99	31.99	17.43	35.06	123	276	P	H
	*	2417	103.04	-	-	88.68	31.99	17.43	35.06	123	276	A	H
802.11ac													H
VHT20													H
CH 02		2389.8	61.17	-12.83	74	46.84	31.95	17.43	35.05	100	236	P	V
2417MHz		2389.8	51.25	-2.75	54	36.92	31.95	17.43	35.05	100	236	A	V
	*	2417	108.47	-	-	94.11	31.99	17.43	35.06	100	236	P	V
	*	2417	101.03	-	-	86.67	31.99	17.43	35.06	100	236	A	V
													V
													V

		2388.54	59.34	-14.66	74	45	31.95	17.43	35.04	114	276	P	H
		2388.68	46.28	-7.72	54	31.94	31.95	17.43	35.04	114	276	A	H
	*	2437	110.79	-	-	96.28	32.08	17.49	35.06	114	276	P	H
	*	2437	103.11	-	-	88.6	32.08	17.49	35.06	114	276	A	H
802.11ac		2486	60.28	-13.72	74	45.64	32.16	17.55	35.07	114	276	P	H
VHT20		2484.6	46.04	-7.96	54	31.4	32.16	17.55	35.07	114	276	A	H
CH 06		2389.1	57.95	-16.05	74	43.61	31.95	17.43	35.04	114	239	P	V
2437MHz		2389.94	45.73	-8.27	54	31.4	31.95	17.43	35.05	114	239	A	V
	*	2437	108.99	-	-	94.48	32.08	17.49	35.06	114	239	P	V
	*	2437	102	-	-	87.49	32.08	17.49	35.06	114	239	A	V
		2484.74	58.78	-15.22	74	44.14	32.16	17.55	35.07	114	239	P	V
		2484.39	45.79	-8.21	54	31.15	32.16	17.55	35.07	114	239	A	V
	*	2457	110.43	-	-	95.88	32.12	17.49	35.06	107	277	P	H
	*	2457	102.96	-	-	88.41	32.12	17.49	35.06	107	277	A	H
		2485.06	63.39	-10.61	74	48.75	32.16	17.55	35.07	107	277	P	H
		2483.5	52.28	-1.72	54	37.64	32.16	17.55	35.07	107	277	A	H
802.11ac													H
VHT20													H
CH 10	*	2457	108.19	-	-	93.64	32.12	17.49	35.06	100	239	P	V
2457MHz	*	2457	101	-	-	86.45	32.12	17.49	35.06	100	239	A	V
		2484.88	61.99	-12.01	74	47.35	32.16	17.55	35.07	100	239	P	V
		2483.68	51.79	-2.21	54	37.15	32.16	17.55	35.07	100	239	A	V
													V
													V

	*	2462	109.56	-	-	94.95	32.12	17.55	35.06	108	276	P	H
	*	2462	101.6	-	-	86.99	32.12	17.55	35.06	108	276	A	H
		2485.36	61.77	-12.23	74	47.13	32.16	17.55	35.07	108	276	P	H
		2483.52	51.93	-2.07	54	37.29	32.16	17.55	35.07	108	276	A	H
802.11ac													H
VHT20													H
CH 11	*	2462	107.47	-	-	92.86	32.12	17.55	35.06	100	240	P	V
2462MHz	*	2462	98.96	-	-	84.35	32.12	17.55	35.06	100	240	A	V
		2483.72	60.96	-13.04	74	46.32	32.16	17.55	35.07	100	240	P	V
		2483.52	51.59	-2.41	54	36.95	32.16	17.55	35.07	100	240	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 802.11ac VHT20 (Harmonic @ 3m)

WIFI Ant. 1	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	40.76	-33.24	74	54.89	34.23	10.98	59.34	100	0	P	H
													H
802.11ac													H
VHT20													H
CH 01		4824	41.65	-32.35	74	55.78	34.23	10.98	59.34	100	0	P	V
2412MHz													V
													V
													V
		4874	40.63	-33.37	74	54.62	34.22	11.03	59.24	100	0	P	H
		7311	43.05	-30.95	74	51.81	35.71	13.66	58.13	100	0	P	H
802.11ac													H
VHT20													H
CH 06		4874	42.26	-31.74	74	56.25	34.22	11.03	59.24	100	0	P	V
2437MHz		7311	43.51	-30.49	74	52.27	35.71	13.66	58.13	100	0	P	V
													V
													V
		4924	42.15	-31.85	74	55.99	34.21	11.09	59.14	100	0	P	H
		7386	43.18	-30.82	74	52.02	35.66	13.76	58.26	100	0	P	H
802.11ac													H
VHT20													H
CH 11		4924	41.62	-32.38	74	55.46	34.21	11.09	59.14	100	0	P	V
2462MHz		7386	43.12	-30.88	74	51.96	35.66	13.76	58.26	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 802.11ac VHT40 (Band Edge @ 3m)

WIFI Ant. 1	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)
		2387	59.34	-14.66	74	45	31.95	17.43	35.04	111	274	P	H
		2385.74	52.33	-1.67	54	37.99	31.95	17.43	35.04	111	274	A	H
	*	2422	105.02	-	-	90.56	32.03	17.49	35.06	111	274	P	H
	*	2422	97.57	-	-	83.11	32.03	17.49	35.06	111	274	A	H
802.11ac		2483.5	56.43	-17.57	74	41.79	32.16	17.55	35.07	111	274	P	H
VHT40		2485.02	46.12	-7.88	54	31.48	32.16	17.55	35.07	111	274	A	H
CH 03		2389.66	59.48	-14.52	74	45.14	31.95	17.43	35.04	100	241	P	V
2422MHz		2389.66	50.83	-3.17	54	36.49	31.95	17.43	35.04	100	241	A	V
	*	2422	103.91	-	-	89.45	32.03	17.49	35.06	100	241	P	V
	*	2422	96.25	-	-	81.79	32.03	17.49	35.06	100	241	A	V
		2483.76	55.33	-18.67	74	40.69	32.16	17.55	35.07	100	241	P	V
		2485.37	46.37	-7.63	54	31.73	32.16	17.55	35.07	100	241	A	V
		2388.82	58.73	-15.27	74	44.39	31.95	17.43	35.04	110	274	P	H
		2389.24	51.19	-2.81	54	36.85	31.95	17.43	35.04	110	274	A	H
	*	2427	106.24	-	-	91.78	32.03	17.49	35.06	110	274	P	H
	*	2427	98.28	-	-	83.82	32.03	17.49	35.06	110	274	A	H
802.11ac		2486.21	55	-19	74	40.36	32.16	17.55	35.07	110	274	P	H
VHT40		2485.86	46.62	-7.38	54	31.98	32.16	17.55	35.07	110	274	A	H
CH 04		2389.1	58.15	-15.85	74	43.81	31.95	17.43	35.04	100	240	P	V
2427MHz		2389.24	49.91	-4.09	54	35.57	31.95	17.43	35.04	100	240	A	V
	*	2427	104.57	-	-	90.11	32.03	17.49	35.06	100	240	P	V
	*	2427	97.35	-	-	82.89	32.03	17.49	35.06	100	240	A	V
		2485.23	55.47	-18.53	74	40.83	32.16	17.55	35.07	100	240	P	V
		2484.95	46.7	-7.3	54	32.06	32.16	17.55	35.07	100	240	A	V

		2388.96	60.84	-13.16	74	46.5	31.95	17.43	35.04	110	275	P	H
		2389.66	51.34	-2.66	54	37	31.95	17.43	35.04	110	275	A	H
	*	2437	104.55	-	-	90.04	32.08	17.49	35.06	110	275	P	H
	*	2437	96.86	-	-	82.35	32.08	17.49	35.06	110	275	A	H
802.11ac		2485.09	59.27	-14.73	74	44.63	32.16	17.55	35.07	110	275	P	H
VHT40		2483.5	49.76	-4.24	54	35.12	32.16	17.55	35.07	110	275	A	H
CH 06		2389.94	61.11	-12.89	74	46.78	31.95	17.43	35.05	100	242	P	V
2437MHz		2389.1	50.54	-3.46	54	36.2	31.95	17.43	35.04	100	242	A	V
	*	2437	103.6	-	-	89.09	32.08	17.49	35.06	100	242	P	V
	*	2437	95.82	-	-	81.31	32.08	17.49	35.06	100	242	A	V
		2483.69	58.71	-15.29	74	44.07	32.16	17.55	35.07	100	242	P	V
		2484.67	49.38	-4.62	54	34.74	32.16	17.55	35.07	100	242	A	V
		2388.26	58.92	-15.08	74	44.58	31.95	17.43	35.04	107	276	P	H
		2389.38	47.1	-6.9	54	32.76	31.95	17.43	35.04	107	276	A	H
	*	2447	104.19	-	-	89.68	32.08	17.49	35.06	107	276	P	H
	*	2447	96.54	-	-	82.03	32.08	17.49	35.06	107	276	A	H
802.11ac		2486.63	61.41	-12.59	74	46.77	32.16	17.55	35.07	107	276	P	H
VHT40		2485.02	52.69	-1.31	54	38.05	32.16	17.55	35.07	107	276	A	H
CH 08		2389.1	58.17	-15.83	74	43.83	31.95	17.43	35.04	105	239	P	V
2447MHz		2389.38	46.33	-7.67	54	31.99	31.95	17.43	35.04	105	239	A	V
	*	2447	102.06	-	-	87.55	32.08	17.49	35.06	105	239	P	V
	*	2447	94.2	-	-	79.69	32.08	17.49	35.06	105	239	A	V
		2484.88	60.25	-13.75	74	45.61	32.16	17.55	35.07	105	239	P	V
		2484.67	51.76	-2.24	54	37.12	32.16	17.55	35.07	105	239	A	V

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

		2387.56	57.29	-16.71	74	42.95	31.95	17.43	35.04	107	275	P	H
		2389.38	46.55	-7.45	54	32.21	31.95	17.43	35.04	107	275	A	H
	*	2452	104.08	-	-	89.57	32.08	17.49	35.06	107	275	P	H
	*	2452	97.01	-	-	82.5	32.08	17.49	35.06	107	275	A	H
802.11ac		2484.67	61.22	-12.78	74	46.58	32.16	17.55	35.07	107	275	P	H
VHT40		2485.65	52.1	-1.9	54	37.46	32.16	17.55	35.07	107	275	A	H
CH 09		2387.56	56.15	-17.85	74	41.81	31.95	17.43	35.04	108	239	P	V
2452MHz		2388.82	46.17	-7.83	54	31.83	31.95	17.43	35.04	108	239	A	V
	*	2452	102.78	-	-	88.27	32.08	17.49	35.06	108	239	P	V
	*	2452	95.5	-	-	80.99	32.08	17.49	35.06	108	239	A	V
		2484.67	61.05	-12.95	74	46.41	32.16	17.55	35.07	108	239	P	V
		2484.39	51.48	-2.52	54	36.84	32.16	17.55	35.07	108	239	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 802.11ac VHT40 (Harmonic @ 3m)

WIFI Ant. 1	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	41.41	-32.59	74	55.51	34.23	10.98	59.31	100	0	P	H
		7266	42.99	-31.01	74	51.73	35.73	13.62	58.09	100	0	P	H
802.11ac													H
VHT40													H
CH 03		4844	41.15	-32.85	74	55.25	34.23	10.98	59.31	100	0	P	V
2422MHz		7266	44.2	-29.8	74	52.94	35.73	13.62	58.09	100	0	P	V
													V
													V
		4874	40.92	-33.08	74	54.91	34.22	11.03	59.24	100	0	P	H
		7311	43.92	-30.08	74	52.68	35.71	13.66	58.13	100	0	P	H
802.11ac													H
VHT40													H
CH 06		4874	41.51	-32.49	74	55.5	34.22	11.03	59.24	100	0	P	V
2437MHz		7311	43.78	-30.22	74	52.54	35.71	13.66	58.13	100	0	P	V
													V
													V
		4904	41.7	-32.3	74	55.56	34.22	11.09	59.17	380	0	P	H
		7356	43.16	-30.84	74	51.98	35.68	13.71	58.21	100	0	P	H
802.11ac													H
VHT40													H
CH 09		4904	42.81	-31.19	74	56.67	34.22	11.09	59.17	100	0	P	V
2452MHz		7356	42.99	-31.01	74	51.81	35.68	13.71	58.21	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 802.11ac VHT20 (LF)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		30.81	21.9	-18.1	40	27.84	24.09	1.33	31.36	-	-	P	H
		72.93	21.55	-18.45	40	38.84	12.59	1.71	31.59	-	-	P	H
		152.04	31.47	-12.03	43.5	43.78	16.94	2.25	31.5	100	0	P	H
		391	27.97	-18.03	46	34.51	21.34	3.27	31.15	-	-	P	H
		869.1	31.1	-14.9	46	27.79	28.97	4.88	30.54	-	-	P	H
		958.7	32.32	-13.68	46	26.98	30.8	5.05	30.51	-	-	P	H
													H
													H
													H
													H
2.4GHz													H
802.11ac													H
VHT20		30	31.74	-8.26	40	37.16	24.6	1.33	31.35	100	0	P	V
LF		72.39	29.65	-10.35	40	46.94	12.59	1.71	31.59	-	-	P	V
		97.5	30.58	-12.92	43.5	44.81	15.58	1.75	31.56	-	-	P	V
		765.5	29.27	-16.73	46	27.55	27.88	4.46	30.62	-	-	P	V
		857.9	31.23	-14.77	46	28.06	28.98	4.74	30.55	-	-	P	V
		958	31.75	-14.25	46	26.41	30.8	5.05	30.51	-	-	P	V
													V
													V
													V
													V
													V
													V

Remark

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

2.4GHz 2400~2483.5MHz

WIFI 802.11b (Band Edge @ 3m)

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)
		2357.88	54.38	-19.62	74	40.17	31.87	17.37	35.03	170	148	P	H
		2387.805	43.79	-10.21	54	29.45	31.95	17.43	35.04	170	148	A	H
	*	2412	103.47	-	-	89.1	31.99	17.43	35.05	170	148	P	H
	*	2412	100.31	-	-	85.94	31.99	17.43	35.05	170	148	A	H
													H
802.11b													H
CH 01		2367.435	54.6	-19.4	74	40.4	31.87	17.37	35.04	100	138	P	V
2412MHz		2389.17	43.84	-10.16	54	29.5	31.95	17.43	35.04	100	138	A	V
	*	2412	103.83	-	-	89.46	31.99	17.43	35.05	100	138	P	V
	*	2412	100.72	-	-	86.35	31.99	17.43	35.05	100	138	A	V
													V
													V
		2389.905	58.81	-15.19	74	44.48	31.95	17.43	35.05	173	143	P	H
		2390	51.93	-2.07	54	37.6	31.95	17.43	35.05	173	143	A	H
	*	2417	111.65	-	-	97.29	31.99	17.43	35.06	173	143	P	H
	*	2417	108.59	-	-	94.23	31.99	17.43	35.06	173	143	A	H
													H
802.11b													H
CH 02		2388.225	57.31	-16.69	74	42.97	31.95	17.43	35.04	100	120	P	V
2417MHz		2390	50.56	-3.44	54	36.23	31.95	17.43	35.05	100	120	A	V
	*	2416	110.53	-	-	96.17	31.99	17.43	35.06	100	120	P	V
	*	2416	107.46	-	-	93.1	31.99	17.43	35.06	100	120	A	V
													V
													V

802.11b CH 06 2437MHz		2386.72	56.02	-17.98	74	41.68	31.95	17.43	35.04	121	142	P	H
		2386.44	48.06	-5.94	54	33.72	31.95	17.43	35.04	121	142	A	H
	*	2437	112.14	-	-	97.63	32.08	17.49	35.06	121	142	P	H
	*	2437	109.09	-	-	94.58	32.08	17.49	35.06	121	142	A	H
		2484.95	55	-19	74	40.36	32.16	17.55	35.07	121	142	P	H
		2485.58	45.47	-8.53	54	30.83	32.16	17.55	35.07	121	142	A	H
		2388.82	57.71	-16.29	74	43.37	31.95	17.43	35.04	136	160	P	V
		2386.44	49.02	-4.98	54	34.68	31.95	17.43	35.04	136	160	A	V
	*	2437	113.72	-	-	99.21	32.08	17.49	35.06	136	160	P	V
	*	2437	110.52	-	-	96.01	32.08	17.49	35.06	136	160	A	V
		2487.12	55.43	-18.57	74	40.79	32.16	17.55	35.07	136	160	P	V
		2485.58	45.77	-8.23	54	31.13	32.16	17.55	35.07	136	160	A	V
802.11b CH 10 2457MHz	*	2457	110.78	-	-	96.23	32.12	17.49	35.06	193	142	P	H
	*	2457	107.72	-	-	93.17	32.12	17.49	35.06	193	142	A	H
		2483.52	56.44	-17.56	74	41.8	32.16	17.55	35.07	193	142	P	H
		2486.12	48.1	-5.9	54	33.46	32.16	17.55	35.07	193	142	A	H
													H
													H
	*	2457	112.06	-	-	97.51	32.12	17.49	35.06	153	161	P	V
	*	2457	109.06	-	-	94.51	32.12	17.49	35.06	153	161	A	V
		2483.52	56.65	-17.35	74	42.01	32.16	17.55	35.07	153	161	P	V
		2486.16	48.18	-5.82	54	33.54	32.16	17.55	35.07	153	161	A	V
													V
													V

802.11b CH 11 2462MHz	*	2462	109.84	-	-	95.23	32.12	17.55	35.06	166	142	P	H
	*	2462	106.67	-	-	92.06	32.12	17.55	35.06	166	142	A	H
		2484.32	57.67	-16.33	74	43.03	32.16	17.55	35.07	166	142	P	H
		2483.52	50.89	-3.11	54	36.25	32.16	17.55	35.07	166	142	A	H
													H
													H
	*	2462	111.64	-	-	97.03	32.12	17.55	35.06	156	160	P	V
	*	2462	108.49	-	-	93.88	32.12	17.55	35.06	156	160	A	V
		2483.56	57.44	-16.56	74	42.8	32.16	17.55	35.07	156	160	P	V
		2483.52	50.62	-3.38	54	35.98	32.16	17.55	35.07	156	160	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	49.57	-24.43	74	63.7	34.23	10.98	59.34	100	0	P	H
													H
													H
													H
		4824	53.18	-20.82	74	67.31	34.23	10.98	59.34	100	63	P	V
		4824	50.6	-3.4	54	64.73	34.23	10.98	59.34	100	63	A	V
													V
													V
802.11b CH 06 2437MHz		4874	49.75	-24.25	74	63.74	34.22	11.03	59.24	100	0	P	H
		7311	50.5	-23.5	74	59.26	35.71	13.66	58.13	100	207	P	H
		7311	43.84	-10.16	54	52.6	35.71	13.66	58.13	100	207	A	H
													H
		4874	52.74	-21.26	74	66.73	34.22	11.03	59.24	100	239	P	V
		4874	50.19	-3.81	54	64.18	34.22	11.03	59.24	100	239	A	V
		7311	54.42	-19.58	74	63.18	35.71	13.66	58.13	100	16	P	V
		7311	49.77	-4.23	54	58.53	35.71	13.66	58.13	100	16	A	V
802.11b CH 11 2462MHz		4924	51.73	-22.27	74	65.57	34.21	11.09	59.14	120	341	P	H
		4924	49.04	-4.96	54	62.88	34.21	11.09	59.14	120	341	A	H
		7386	49.71	-24.29	74	58.55	35.66	13.76	58.26	100	0	P	H
													H
		4924	52.74	-21.26	74	66.58	34.21	11.09	59.14	100	59	P	V
		4924	50.48	-3.52	54	64.32	34.21	11.09	59.14	100	59	A	V
		7386	54.99	-19.01	74	63.83	35.66	13.76	58.26	10	18	P	V
		7386	50.94	-3.06	54	59.78	35.66	13.76	58.26	10	18	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		2389.275	60.7	-13.3	74	46.36	31.95	17.43	35.04	172	142	P	H
		2389.905	51.27	-2.73	54	36.94	31.95	17.43	35.05	172	142	A	H
	*	2412	107.57	-	-	93.2	31.99	17.43	35.05	172	142	P	H
	*	2412	100.16	-	-	85.79	31.99	17.43	35.05	172	142	A	H
													H
													H
		2390	63.28	-10.72	74	48.95	31.95	17.43	35.05	115	169	P	V
		2390	51.98	-2.02	54	37.65	31.95	17.43	35.05	115	169	A	V
	*	2412	107.96	-	-	93.59	31.99	17.43	35.05	115	169	P	V
	*	2412	100.25	-	-	85.88	31.99	17.43	35.05	115	169	A	V
													V
													V
802.11g CH 02 2417MHz		2389.905	61.97	-12.03	74	47.64	31.95	17.43	35.05	315	136	P	H
		2390	50.75	-3.25	54	36.42	31.95	17.43	35.05	315	136	A	H
	*	2417	110.58	-	-	96.22	31.99	17.43	35.06	315	136	P	H
	*	2417	102.99	-	-	88.63	31.99	17.43	35.06	315	136	A	H
													H
													H
		2388.855	62.75	-11.25	74	48.41	31.95	17.43	35.04	156	278	P	V
		2390	51.28	-2.72	54	36.95	31.95	17.43	35.05	156	278	A	V
	*	2417	111	-	-	96.64	31.99	17.43	35.06	156	278	P	V
	*	2417	103.51	-	-	89.15	31.99	17.43	35.06	156	278	A	V
													V
													V

802.11g CH 06 2437MHz		2389.66	56.67	-17.33	74	42.33	31.95	17.43	35.04	303	137	P	H
		2389.94	46.86	-7.14	54	32.53	31.95	17.43	35.05	303	137	A	H
	*	2437	111.41	-	-	96.9	32.08	17.49	35.06	303	137	P	H
	*	2437	103.96	-	-	89.45	32.08	17.49	35.06	303	137	A	H
		2484.88	55.76	-18.24	74	41.12	32.16	17.55	35.07	303	137	P	H
		2483.55	46.84	-7.16	54	32.2	32.16	17.55	35.07	303	137	A	H
		2389.1	60.86	-13.14	74	46.52	31.95	17.43	35.04	139	160	P	V
		2389.8	47.91	-6.09	54	33.58	31.95	17.43	35.05	139	160	A	V
	*	2437	113.43	-	-	98.92	32.08	17.49	35.06	139	160	P	V
	*	2437	105.74	-	-	91.23	32.08	17.49	35.06	139	160	A	V
		2484.32	55.84	-18.16	74	41.2	32.16	17.55	35.07	139	160	P	V
		2483.83	46.83	-7.17	54	32.19	32.16	17.55	35.07	139	160	A	V
802.11g CH 10 2457MHz	*	2457	109.37	-	-	94.82	32.12	17.49	35.06	338	138	P	H
	*	2457	102.08	-	-	87.53	32.12	17.49	35.06	338	138	A	H
		2483.62	59.77	-14.23	74	45.13	32.16	17.55	35.07	338	138	P	H
		2483.62	50.14	-3.86	54	35.5	32.16	17.55	35.07	338	138	A	H
													H
													H
	*	2457	111.55	-	-	97	32.12	17.49	35.06	113	167	P	V
	*	2457	103.99	-	-	89.44	32.12	17.49	35.06	113	167	A	V
		2483.74	61.87	-12.13	74	47.23	32.16	17.55	35.07	113	167	P	V
		2483.5	51.44	-2.56	54	36.8	32.16	17.55	35.07	113	167	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

802.11g CH 11 2462MHz	*	2462	108.13	-	-	93.52	32.12	17.55	35.06	336	138	P	H
	*	2462	100.74	-	-	86.13	32.12	17.55	35.06	336	138	A	H
		2483.56	61.96	-12.04	74	47.32	32.16	17.55	35.07	336	138	P	H
		2483.64	51.22	-2.78	54	36.58	32.16	17.55	35.07	336	138	A	H
													H
													H
	*	2462	110.65	-	-	96.04	32.12	17.55	35.06	116	168	P	V
	*	2462	102.89	-	-	88.28	32.12	17.55	35.06	116	168	A	V
		2483.76	61.78	-12.22	74	47.14	32.16	17.55	35.07	116	168	P	V
		2483.52	51.9	-2.1	54	37.26	32.16	17.55	35.07	116	168	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	47.82	-26.18	74	61.95	34.23	10.98	59.34	100	0	P	H
													H
													H
													H
		4824	53.63	-20.37	74	67.76	34.23	10.98	59.34	100	58	P	V
		4824	43.63	-10.37	54	57.76	34.23	10.98	59.34	100	58	A	V
													V
													V
802.11g CH 06 2437MHz		4874	49.07	-24.93	74	63.06	34.22	11.03	59.24	100	0	P	H
		7311	46.97	-27.03	74	55.73	35.71	13.66	58.13	100	0	P	H
													H
													H
		4874	49.2	-24.8	74	63.19	34.22	11.03	59.24	100	0	P	V
		7311	49.82	-24.18	74	58.58	35.71	13.66	58.13	100	0	P	V
													V
													V
802.11g CH 11 2462MHz		4924	46.35	-27.65	74	60.19	34.21	11.09	59.14	100	0	P	H
		7386	43.82	-30.18	74	52.66	35.66	13.76	58.26	100	0	P	H
													H
													H
		4924	49.05	-24.95	74	62.89	34.21	11.09	59.14	100	0	P	V
		7386	46.9	-27.1	74	55.74	35.66	13.76	58.26	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 802.11ac VHT20 (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)
		2390	62.35	-11.65	74	48.02	31.95	17.43	35.05	173	142	P	H
		2390	51.29	-2.71	54	36.96	31.95	17.43	35.05	173	142	A	H
	*	2412	106.31	-	-	91.94	31.99	17.43	35.05	173	142	P	H
	*	2412	98.5	-	-	84.13	31.99	17.43	35.05	173	142	A	H
802.11ac													H
VHT20													H
CH 01		2389.905	61.8	-12.2	74	47.47	31.95	17.43	35.05	112	169	P	V
2412MHz		2390	51.55	-2.45	54	37.22	31.95	17.43	35.05	112	169	A	V
	*	2412	106.41	-	-	92.04	31.99	17.43	35.05	112	169	P	V
	*	2412	98.43	-	-	84.06	31.99	17.43	35.05	112	169	A	V
													V
													V
		2388.855	61.46	-12.54	74	47.12	31.95	17.43	35.04	174	142	P	H
		2390	51.06	-2.94	54	36.73	31.95	17.43	35.05	174	142	A	H
	*	2417	109.98	-	-	95.62	31.99	17.43	35.06	174	142	P	H
	*	2417	102.24	-	-	87.88	31.99	17.43	35.06	174	142	A	H
802.11ac													H
VHT20													H
CH 02		2389.8	62.32	-11.68	74	47.99	31.95	17.43	35.05	112	169	P	V
2417MHz		2390	51.1	-2.9	54	36.77	31.95	17.43	35.05	112	169	A	V
	*	2417	111.14	-	-	96.78	31.99	17.43	35.06	112	169	P	V
	*	2417	102.97	-	-	88.61	31.99	17.43	35.06	112	169	A	V
													V
													V

		2388.68	57.58	-16.42	74	43.24	31.95	17.43	35.04	124	142	P	H
		2389.52	47.23	-6.77	54	32.89	31.95	17.43	35.04	124	142	A	H
	*	2437	110.82	-	-	96.31	32.08	17.49	35.06	124	142	P	H
	*	2437	103.69	-	-	89.18	32.08	17.49	35.06	124	142	A	H
802.11ac		2483.55	59.2	-14.8	74	44.56	32.16	17.55	35.07	124	142	P	H
VHT20		2483.76	46.68	-7.32	54	32.04	32.16	17.55	35.07	124	142	A	H
CH 06		2387.28	60.25	-13.75	74	45.91	31.95	17.43	35.04	140	160	P	V
2437MHz		2388.96	47.82	-6.18	54	33.48	31.95	17.43	35.04	140	160	A	V
	*	2437	112.39	-	-	97.88	32.08	17.49	35.06	140	160	P	V
	*	2437	105.06	-	-	90.55	32.08	17.49	35.06	140	160	A	V
		2483.76	58.77	-15.23	74	44.13	32.16	17.55	35.07	140	160	P	V
		2483.5	46.98	-7.02	54	32.34	32.16	17.55	35.07	140	160	A	V
	*	2457	110.63	-	-	96.08	32.12	17.49	35.06	305	138	P	H
	*	2457	102.42	-	-	87.87	32.12	17.49	35.06	305	138	A	H
		2485.12	59.04	-14.96	74	44.4	32.16	17.55	35.07	305	138	P	H
		2483.5	49.9	-4.1	54	35.26	32.16	17.55	35.07	305	138	A	H
802.11ac													H
VHT20													H
CH 10	*	2457	110.26	-	-	95.71	32.12	17.49	35.06	116	160	P	V
2457MHz	*	2457	102.58	-	-	88.03	32.12	17.49	35.06	116	160	A	V
		2483.56	61.72	-12.28	74	47.08	32.16	17.55	35.07	116	160	P	V
		2483.62	51.78	-2.22	54	37.14	32.16	17.55	35.07	116	160	A	V
													V
													V

Remark

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

	*	2462	108	-	-	93.39	32.12	17.55	35.06	304	138	P	H
	*	2462	99.95	-	-	85.34	32.12	17.55	35.06	304	138	A	H
		2483.68	59.13	-14.87	74	44.49	32.16	17.55	35.07	304	138	P	H
		2483.52	50.28	-3.72	54	35.64	32.16	17.55	35.07	304	138	A	H
802.11ac													H
VHT20													H
CH 11	*	2462	108.82	-	-	94.21	32.12	17.55	35.06	119	161	P	V
2462MHz	*	2462	101.22	-	-	86.61	32.12	17.55	35.06	119	161	A	V
		2484.08	59.9	-14.1	74	45.26	32.16	17.55	35.07	119	161	P	V
		2483.52	51.16	-2.84	54	36.52	32.16	17.55	35.07	119	161	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 802.11ac VHT20 (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	47.38	-26.62	74	61.51	34.23	10.98	59.34	100	0	P	H
													H
802.11ac													H
VHT20													H
CH 01		4824	47.98	-26.02	74	62.11	34.23	10.98	59.34	100	0	P	V
2412MHz													V
													V
													V
		4874	48.33	-25.67	74	62.32	34.22	11.03	59.24	100	0	P	H
		7311	45.97	-28.03	74	54.73	35.71	13.66	58.13	100	0	P	H
802.11ac													H
VHT20													H
CH 06		4874	52.97	-21.03	74	66.96	34.22	11.03	59.24	100	57	P	V
2437MHz		4874	42.72	-11.28	54	56.71	34.22	11.03	59.24	100	57	A	V
		7311	49.7	-24.3	74	58.46	35.71	13.66	58.13	100	0	P	V
													V
		4924	46.39	-27.61	74	60.23	34.21	11.09	59.14	100	0	P	H
		7386	43.92	-30.08	74	52.76	35.66	13.76	58.26	100	0	P	H
802.11ac													H
VHT20													H
CH 11		4924	48.86	-25.14	74	62.7	34.21	11.09	59.14	100	0	P	V
2462MHz		7386	43.07	-30.93	74	51.91	35.66	13.76	58.26	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 802.11ac VHT40 (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)
		2388.26	60.8	-13.2	74	46.46	31.95	17.43	35.04	309	134	P	H
		2389.38	52.02	-1.98	54	37.68	31.95	17.43	35.04	309	134	A	H
	*	2422	102.45	-	-	87.99	32.03	17.49	35.06	309	134	P	H
	*	2422	94.62	-	-	80.16	32.03	17.49	35.06	309	134	A	H
802.11ac		2484.95	55.5	-18.5	74	40.86	32.16	17.55	35.07	309	134	P	H
VHT40		2485.79	45.52	-8.48	54	30.88	32.16	17.55	35.07	309	134	A	H
CH 03		2389.94	61.1	-12.9	74	46.77	31.95	17.43	35.05	122	266	P	V
2422MHz		2389.52	52.66	-1.34	54	38.32	31.95	17.43	35.04	122	266	A	V
	*	2422	102.55	-	-	88.09	32.03	17.49	35.06	122	266	P	V
	*	2422	94.76	-	-	80.3	32.03	17.49	35.06	122	266	A	V
		2491.04	54.56	-19.44	74	39.88	32.2	17.55	35.07	122	266	P	V
		2483.97	45.54	-8.46	54	30.9	32.16	17.55	35.07	122	266	A	V
		2389.24	58.68	-15.32	74	44.34	31.95	17.43	35.04	309	134	P	H
		2389.38	51.41	-2.59	54	37.07	31.95	17.43	35.04	309	134	A	H
	*	2427	103.97	-	-	89.51	32.03	17.49	35.06	309	134	P	H
	*	2427	95.42	-	-	80.96	32.03	17.49	35.06	309	134	A	H
802.11ac		2498.11	54.09	-19.91	74	39.42	32.2	17.55	35.08	309	134	P	H
VHT40		2492.3	45.8	-8.2	54	31.13	32.2	17.55	35.08	309	134	A	H
CH 04		2386.72	59.2	-14.8	74	44.86	31.95	17.43	35.04	121	277	P	V
2437MHz		2389.52	51	-3	54	36.66	31.95	17.43	35.04	121	277	A	V
	*	2427	103.1	-	-	88.64	32.03	17.49	35.06	121	277	P	V
	*	2427	95.1	-	-	80.64	32.03	17.49	35.06	121	277	A	V
		2485.23	54.79	-19.21	74	40.15	32.16	17.55	35.07	121	277	P	V
		2487.75	45.7	-8.3	54	31.02	32.2	17.55	35.07	121	277	A	V

		2389.38	59.35	-14.65	74	45.01	31.95	17.43	35.04	303	137	P	H
		2389.66	50.45	-3.55	54	36.11	31.95	17.43	35.04	303	137	A	H
	*	2437	105.46	-	-	90.95	32.08	17.49	35.06	303	137	P	H
	*	2437	97.29	-	-	82.78	32.08	17.49	35.06	303	137	A	H
802.11ac		2483.76	57.69	-16.31	74	43.05	32.16	17.55	35.07	303	137	P	H
VHT40		2483.62	49.24	-4.76	54	34.6	32.16	17.55	35.07	303	137	A	H
CH 06		2389.52	60.79	-13.21	74	46.45	31.95	17.43	35.04	124	268	P	V
2437MHz		2389.66	51.72	-2.28	54	37.38	31.95	17.43	35.04	124	268	A	V
	*	2437	104.26	-	-	89.75	32.08	17.49	35.06	124	268	P	V
	*	2437	96.73	-	-	82.22	32.08	17.49	35.06	124	268	A	V
		2484.74	57.25	-16.75	74	42.61	32.16	17.55	35.07	124	268	P	V
		2483.69	48.52	-5.48	54	33.88	32.16	17.55	35.07	124	268	A	V
		2388.96	56.27	-17.73	74	41.93	31.95	17.43	35.04	303	137	P	H
		2389.52	45.77	-8.23	54	31.43	31.95	17.43	35.04	303	137	A	H
	*	2447	104.41	-	-	89.9	32.08	17.49	35.06	303	137	P	H
	*	2447	96.48	-	-	81.97	32.08	17.49	35.06	303	137	A	H
802.11ac		2485.24	60.29	-13.71	74	45.65	32.16	17.55	35.07	303	137	P	H
VHT40		2483.8	51.73	-2.27	54	37.09	32.16	17.55	35.07	303	137	A	H
CH 08		2447	103.92	29.92	74	89.41	32.08	17.49	35.06	129	268	P	V
2447MHz		2447	96.12	42.12	54	81.61	32.08	17.49	35.06	129	268	A	V
	*	2484.64	59.96	-	-	45.32	32.16	17.55	35.07	129	268	P	V
	*	2484.94	51.11	-	-	36.47	32.16	17.55	35.07	129	268	A	V
		2386.16	58.02	-15.98	74	43.68	31.95	17.43	35.04	129	268	P	V
		2388.26	46.51	-7.49	54	32.17	31.95	17.43	35.04	129	268	A	V

		2388.4	56.35	-17.65	74	42.01	31.95	17.43	35.04	303	137	P	H
		2388.82	45.69	-8.31	54	31.35	31.95	17.43	35.04	303	137	A	H
	*	2452	105.06	-	-	90.55	32.08	17.49	35.06	303	137	P	H
	*	2452	96.52	-	-	82.01	32.08	17.49	35.06	303	137	A	H
802.11ac		2484.04	60.11	-13.89	74	45.47	32.16	17.55	35.07	303	137	P	H
VHT40		2483.52	52.18	-1.82	54	37.54	32.16	17.55	35.07	303	137	A	H
CH 09		2389.94	57.88	-16.12	74	43.55	31.95	17.43	35.05	120	266	P	V
2452MHz		2385.74	46.43	-7.57	54	32.09	31.95	17.43	35.04	120	266	A	V
	*	2452	104.44	-	-	89.93	32.08	17.49	35.06	120	266	P	V
	*	2452	96.44	-	-	81.93	32.08	17.49	35.06	120	266	A	V
		2484.39	59.89	-14.11	74	45.25	32.16	17.55	35.07	120	266	P	V
		2483.52	51.14	-2.86	54	36.5	32.16	17.55	35.07	120	266	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 802.11ac VHT40 (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	43.72	-30.28	74	57.82	34.23	10.98	59.31	100	0	P	H
		7266	42.44	-31.56	74	51.18	35.73	13.62	58.09	100	0	P	H
802.11ac													H
VHT40													H
CH 03		4844	43.94	-30.06	74	58.04	34.23	10.98	59.31	100	0	P	V
2422MHz		7266	43.16	-30.84	74	51.9	35.73	13.62	58.09	100	0	P	V
													V
													V
		4874	42.95	-31.05	74	56.94	34.22	11.03	59.24	100	0	P	H
		7311	42.17	-31.83	74	50.93	35.71	13.66	58.13	100	0	P	H
802.11ac													H
VHT40													H
CH 06		4874	46.06	-27.94	74	60.05	34.22	11.03	59.24	100	0	P	V
2437MHz		7311	42.68	-31.32	74	51.44	35.71	13.66	58.13	100	0	P	V
													V
													V
		4904	43.62	-30.38	74	57.48	34.22	11.09	59.17	100	0	P	H
		7356	41.95	-32.05	74	50.77	35.68	13.71	58.21	100	0	P	H
802.11ac													H
VHT40													H
CH 09		4904	44.35	-29.65	74	58.21	34.22	11.09	59.17	100	0	P	V
2452MHz		7356	42.94	-31.06	74	51.76	35.68	13.71	58.21	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 802.11n HT40 (LF)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		30	22.14	-17.86	40	27.56	24.6	1.33	31.35	-	-	P	H
		75.09	21	-19	40	38.12	12.75	1.71	31.58	-	-	P	H
		152.85	31.26	-12.24	43.5	43.62	16.89	2.25	31.5	100	0	P	H
		390.3	27.76	-18.24	46	34.33	21.31	3.27	31.15	-	-	P	H
		858.6	30.85	-15.15	46	27.68	28.98	4.74	30.55	-	-	P	H
		955.9	32.42	-13.58	46	27.19	30.69	5.05	30.51	-	-	P	H
													H
													H
													H
													H
2.4GHz													H
802.11n													H
HT40		30	32	-8	40	37.42	24.6	1.33	31.35	100	0	P	V
LF		73.74	30.75	-9.25	40	47.96	12.67	1.71	31.59	-	-	P	V
		97.23	31.25	-12.25	43.5	45.62	15.45	1.74	31.56	-	-	P	V
		781.6	29.56	-16.44	46	27.59	27.98	4.6	30.61	-	-	P	V
		871.9	31.28	-14.72	46	27.99	28.95	4.88	30.54	-	-	P	V
		955.2	32.36	-13.64	46	27.18	30.64	5.05	30.51	-	-	P	V
													V
													V
													V
													V
													V
													V

Remark

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

2.4GHz 2400~2483.5MHz

WIFI 802.11b (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b CH 01 2412MHz		2346.015	54.28	-19.72	74	40.11	31.83	17.37	35.03	131	179	P	H
		2389.905	43.3	-10.7	54	28.97	31.95	17.43	35.05	131	179	A	H
	*	2412	103.44	-	-	89.07	31.99	17.43	35.05	131	179	P	H
	*	2412	100.54	-	-	86.17	31.99	17.43	35.05	131	179	A	H
													H
													H
		2388.645	54.43	-19.57	74	40.09	31.95	17.43	35.04	124	293	P	V
		2386.125	43.23	-10.77	54	28.89	31.95	17.43	35.04	124	293	A	V
	*	2412	104.07	-	-	89.7	31.99	17.43	35.05	124	293	P	V
	*	2412	101.25	-	-	86.88	31.99	17.43	35.05	124	293	A	V
													V
													V
802.11b CH 02 2417MHz		2388.26	56.3	-17.7	74	41.96	31.95	17.43	35.04	122	268	P	H
		2389.94	49.37	-4.63	54	35.04	31.95	17.43	35.05	122	268	A	H
	*	2417	108.16	-	-	93.8	31.99	17.43	35.06	122	268	P	H
	*	2417	105.07	-	-	90.71	31.99	17.43	35.06	122	268	A	H
													H
													H
		2383.78	55.57	-18.43	74	41.27	31.91	17.43	35.04	111	229	P	V
		2389.94	45.31	-8.69	54	30.98	31.95	17.43	35.05	111	229	A	V
	*	2417	113.49	-	-	99.13	31.99	17.43	35.06	111	229	P	V
	*	2417	110.48	-	-	96.12	31.99	17.43	35.06	111	229	A	V
													V
													V

802.11b CH 06 2437MHz		2362.22	54.79	-19.21	74	40.58	31.87	17.37	35.03	100	337	P	H
		2386.02	47.22	-6.78	54	32.88	31.95	17.43	35.04	100	337	A	H
	*	2437	113.48	-	-	98.97	32.08	17.49	35.06	100	337	P	H
	*	2437	110.12	-	-	95.61	32.08	17.49	35.06	100	337	A	H
		2491.11	54.83	-19.17	74	40.15	32.2	17.55	35.07	100	337	P	H
		2483.5	45.12	-8.88	54	30.48	32.16	17.55	35.07	100	337	A	H
		2384.2	56.19	-17.81	74	41.89	31.91	17.43	35.04	110	229	P	V
		2388.26	46.95	-7.05	54	32.61	31.95	17.43	35.04	110	229	A	V
	*	2437	114.97	-	-	100.46	32.08	17.49	35.06	110	229	P	V
	*	2437	112.05	-	-	97.54	32.08	17.49	35.06	110	229	A	V
		2484.25	54.91	-19.09	74	40.27	32.16	17.55	35.07	110	229	P	V
		2485.44	46.05	-7.95	54	31.41	32.16	17.55	35.07	110	229	A	V
802.11b CH 10 2457MHz	*	2457	112.69	-	-	98.14	32.12	17.49	35.06	100	272	P	H
	*	2457	109.89	-	-	95.34	32.12	17.49	35.06	100	272	A	H
		2483.62	57.14	-16.86	74	42.5	32.16	17.55	35.07	100	272	P	H
		2483.68	50.65	-3.35	54	36.01	32.16	17.55	35.07	100	272	A	H
												P	H
												A	H
	*	2457	111.61	-	-	97.06	32.12	17.49	35.06	100	161	P	V
	*	2457	108.89	-	-	94.34	32.12	17.49	35.06	100	161	A	V
		2483.86	56.94	-17.06	74	42.3	32.16	17.55	35.07	100	161	P	V
		2483.74	50.64	-3.36	54	36	32.16	17.55	35.07	100	161	A	V
												P	V
												A	V

802.11b CH 11 2462MHz	*	2462	106.77	-	-	92.16	32.12	17.55	35.06	145	181	P	H
	*	2462	103.7	-	-	89.09	32.12	17.55	35.06	145	181	A	H
		2497.36	53.96	-20.04	74	39.29	32.2	17.55	35.08	145	181	P	H
		2484.12	43.62	-10.38	54	28.98	32.16	17.55	35.07	145	181	A	H
													H
													H
	*	2462	105.79	-	-	91.18	32.12	17.55	35.06	108	296	P	V
	*	2462	103.01	-	-	88.4	32.12	17.55	35.06	108	296	A	V
		2483.88	53.41	-20.59	74	38.77	32.16	17.55	35.07	108	296	P	V
		2484.88	43.62	-10.38	54	28.98	32.16	17.55	35.07	108	296	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+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	49.25	-24.75	74	63.38	34.23	10.98	59.34	100	0	P	H
													H
													H
													H
		4824	53.88	-20.12	74	68.01	34.23	10.98	59.34	100	62	P	V
		4824	50.57	-3.43	54	64.7	34.23	10.98	59.34	100	62	A	V
													V
													V
802.11b CH 06 2437MHz		4874	49.55	-24.45	74	63.54	34.22	11.03	59.24	100	0	P	H
		7311	48.57	-25.43	74	57.33	35.71	13.66	58.13	100	0	P	H
													H
													H
		4874	53.59	-20.41	74	67.58	34.22	11.03	59.24	100	59	P	V
		4874	50.89	-3.11	54	64.88	34.22	11.03	59.24	100	59	A	V
		7311	54.79	-19.21	74	63.55	35.71	13.66	58.13	100	21	P	V
		7311	50.09	-3.91	54	58.85	35.71	13.66	58.13	100	21	A	V
802.11b CH 11 2462MHz		4924	49.79	-24.21	74	63.63	34.21	11.09	59.14	100	0	P	H
		7386	43.35	-30.65	74	52.19	35.66	13.76	58.26	100	0	P	H
													H
													H
		4924	53.65	-20.35	74	67.49	34.21	11.09	59.14	102	58	P	V
		4924	50.9	-3.1	54	64.74	34.21	11.09	59.14	102	58	A	V
		7386	45.49	-28.51	74	54.33	35.66	13.76	58.26	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

2.4GHz 2400~2483.5MHz

WIFI 802.11g (Band Edge @ 3m)

WIFI Ant. 1+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		2389.905	62.22	-11.78	74	47.89	31.95	17.43	35.05	100	269	P	H
		2390	52.39	-1.61	54	38.06	31.95	17.43	35.05	100	269	A	H
	*	2412	109.04	-	-	94.67	31.99	17.43	35.05	100	269	P	H
	*	2412	101.85	-	-	87.48	31.99	17.43	35.05	100	269	A	H
													H
													H
		2390	62.55	-11.45	74	48.22	31.95	17.43	35.05	100	116	P	V
		2390	52.06	-1.94	54	37.73	31.95	17.43	35.05	100	116	A	V
	*	2412	109.58	-	-	95.21	31.99	17.43	35.05	100	116	P	V
	*	2412	102.03	-	-	87.66	31.99	17.43	35.05	100	116	A	V
													V
													V
802.11g CH 02 2417MHz		2389.66	58.53	-15.47	74	44.19	31.95	17.43	35.04	122	270	P	H
		2389.94	49.67	-4.33	54	35.34	31.95	17.43	35.05	122	270	A	H
	*	2417	112.42	-	-	98.06	31.99	17.43	35.06	122	270	P	H
	*	2417	104.79	-	-	90.43	31.99	17.43	35.06	122	270	A	H
													H
													H
		2389.8	60.44	-13.56	74	46.11	31.95	17.43	35.05	100	232	P	V
		2389.8	51.89	-2.11	54	37.56	31.95	17.43	35.05	100	232	A	V
	*	2417	111.88	-	-	97.52	31.99	17.43	35.06	100	232	P	V
	*	2417	104.6	-	-	90.24	31.99	17.43	35.06	100	232	A	V
													V
													V

802.11g CH 06 2437MHz		2389.66	58.5	-15.5	74	44.16	31.95	17.43	35.04	100	267	P	H
		2389.94	47.18	-6.82	54	32.85	31.95	17.43	35.05	100	267	A	H
	*	2437	114.73	-	-	100.22	32.08	17.49	35.06	100	267	P	H
	*	2437	106.59	-	-	92.08	32.08	17.49	35.06	100	267	A	H
		2483.97	60.33	-13.67	74	45.69	32.16	17.55	35.07	100	267	P	H
		2483.5	45.83	-8.17	54	31.19	32.16	17.55	35.07	100	267	A	H
		2389.94	57.25	-16.75	74	42.92	31.95	17.43	35.05	124	230	P	V
		2389.66	47.72	-6.28	54	33.38	31.95	17.43	35.04	124	230	A	V
	*	2437	113.99	-	-	99.48	32.08	17.49	35.06	124	230	P	V
	*	2437	106.45	-	-	91.94	32.08	17.49	35.06	124	230	A	V
		2485.16	54.99	-19.01	74	40.35	32.16	17.55	35.07	124	230	P	V
		2483.5	46.17	-7.83	54	31.53	32.16	17.55	35.07	124	230	A	V
802.11g CH 10 2457MHz	*	2457	111.71	-	-	97.16	32.12	17.49	35.06	120	271	P	H
	*	2457	104.12	-	-	89.57	32.12	17.49	35.06	120	271	A	H
		2483.5	60.89	-13.11	74	46.25	32.16	17.55	35.07	120	271	P	H
		2484.28	51.34	-2.66	54	36.7	32.16	17.55	35.07	120	271	A	H
													H
													H
	*	2457	112.78	-	-	98.23	32.12	17.49	35.06	123	246	P	V
	*	2457	105.26	-	-	90.71	32.12	17.49	35.06	123	246	A	V
		2483.98	58.67	-15.33	74	44.03	32.16	17.55	35.07	123	246	P	V
		2483.86	49.84	-4.16	54	35.2	32.16	17.55	35.07	123	246	A	V
													V
													V

802.11g CH 11 2462MHz	*	2462	112.13	-	-	97.52	32.12	17.55	35.06	116	268	P	H
	*	2462	103.8	-	-	89.19	32.12	17.55	35.06	116	268	A	H
		2484.72	63.88	-10.12	74	49.24	32.16	17.55	35.07	116	268	P	H
		2484.44	51.99	-2.01	54	37.35	32.16	17.55	35.07	116	268	A	H
													H
													H
	*	2462	112.31	-	-	97.7	32.12	17.55	35.06	121	246	P	V
	*	2462	104.74	-	-	90.13	32.12	17.55	35.06	121	246	A	V
		2484.76	62.33	-11.67	74	47.69	32.16	17.55	35.07	121	246	P	V
		2484.2	51.91	-2.09	54	37.27	32.16	17.55	35.07	121	246	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

2.4GHz 2400~2483.5MHz

WIFI 802.11g (Harmonic @ 3m)

WIFI Ant. 1+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	48.64	-25.36	74	62.77	34.23	10.98	59.34	100	0	P	H
													H
													H
													H
		4824	53.82	-20.18	74	67.95	34.23	10.98	59.34	102	63	P	V
		4824	42.71	-11.29	54	56.84	34.23	10.98	59.34	102	63	A	V
													V
													V
802.11g CH 06 2437MHz		4874	48.41	-25.59	74	62.4	34.22	11.03	59.24	100	0	P	H
		7311	48.97	-25.03	74	57.73	35.71	13.66	58.13	100	0	P	H
													H
													H
		4874	53.79	-20.21	74	67.78	34.22	11.03	59.24	101	56	P	V
		4874	44.87	-9.13	54	58.86	34.22	11.03	59.24	101	56	A	V
		7311	49.99	-24.01	74	58.75	35.71	13.66	58.13	100	0	P	V
													V
802.11g CH 11 2462MHz		4924	46.67	-27.33	74	60.51	34.21	11.09	59.14	100	0	P	H
		7386	44.87	-29.13	74	53.71	35.66	13.76	58.26	100	0	P	H
													H
													H
		4924	48.72	-25.28	74	62.56	34.21	11.09	59.14	100	0	P	V
		7386	44.77	-29.23	74	53.61	35.66	13.76	58.26	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 802.11ac VHT20 (Band Edge @ 3m)

WIFI Ant. 1+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)
		2390	61.93	-12.07	74	47.6	31.95	17.43	35.05	100	269	P	H
		2390	51.46	-2.54	54	37.13	31.95	17.43	35.05	100	269	A	H
	*	2412	107.76	-	-	93.39	31.99	17.43	35.05	100	269	P	H
	*	2412	100.43	-	-	86.06	31.99	17.43	35.05	100	269	A	H
802.11ac													H
VHT20													H
CH 01		2390	63.27	-10.73	74	48.94	31.95	17.43	35.05	109	231	P	V
2412MHz		2390	52.22	-1.78	54	37.89	31.95	17.43	35.05	109	231	A	V
	*	2412	108.13	-	-	93.76	31.99	17.43	35.05	109	231	P	V
	*	2412	100.69	-	-	86.32	31.99	17.43	35.05	109	231	A	V
													V
													V
		2389.24	63.3	-10.7	74	48.96	31.95	17.43	35.04	120	269	P	H
		2389.94	49.36	-4.64	54	35.03	31.95	17.43	35.05	120	269	A	H
	*	2417	112.62	-	-	98.26	31.99	17.43	35.06	120	269	P	H
	*	2417	105.57	-	-	91.21	31.99	17.43	35.06	120	269	A	H
802.11ac													H
VHT20													H
CH 02		2389.38	64.15	-9.85	74	49.81	31.95	17.43	35.04	100	231	P	V
2417MHz		2389.8	52.62	-1.38	54	38.29	31.95	17.43	35.05	100	231	A	V
	*	2417	112.62	-	-	98.26	31.99	17.43	35.06	100	231	P	V
	*	2417	105.47	-	-	91.11	31.99	17.43	35.06	100	231	A	V
													V
													V

		2387.14	56.22	-17.78	74	41.88	31.95	17.43	35.04	120	267	P	H
		2389.94	46.93	-7.07	54	32.6	31.95	17.43	35.05	120	267	A	H
	*	2437	113.05	-	-	98.54	32.08	17.49	35.06	120	267	P	H
	*	2437	105.71	-	-	91.2	32.08	17.49	35.06	120	267	A	H
802.11ac		2484.04	58.41	-15.59	74	43.77	32.16	17.55	35.07	120	267	P	H
VHT20		2484.25	45.84	-8.16	54	31.2	32.16	17.55	35.07	120	267	A	H
CH 06		2389.8	58.1	-15.9	74	43.77	31.95	17.43	35.05	100	298	P	V
2437MHz		2387.7	45.49	-8.51	54	31.15	31.95	17.43	35.04	100	298	A	V
	*	2437	113.57	-	-	99.06	32.08	17.49	35.06	100	298	P	V
	*	2437	105.64	-	-	91.13	32.08	17.49	35.06	100	298	A	V
		2484.46	57.19	-16.81	74	42.55	32.16	17.55	35.07	100	298	P	V
		2483.62	46.52	-7.48	54	31.88	32.16	17.55	35.07	100	298	A	V
	*	2457	111.59	-	-	97.04	32.12	17.49	35.06	107	266	P	H
	*	2457	103.98	-	-	89.43	32.12	17.49	35.06	107	266	A	H
		2483.56	61.7	-12.3	74	47.06	32.16	17.55	35.07	107	266	P	H
		2483.5	52.34	-1.66	54	37.7	32.16	17.55	35.07	107	266	A	H
802.11ac													H
VHT20													H
CH 10	*	2457	113.04	-	-	98.49	32.12	17.49	35.06	123	247	P	V
2457MHz	*	2457	106.01	-	-	91.46	32.12	17.49	35.06	123	247	A	V
		2483.74	61.7	-12.3	74	47.06	32.16	17.55	35.07	123	247	P	V
		2483.56	48.41	-5.59	54	33.77	32.16	17.55	35.07	123	247	A	V
													V
													V

	*	2462	110.7	-	-	96.09	32.12	17.55	35.06	110	275	P	H
	*	2462	103.11	-	-	88.5	32.12	17.55	35.06	110	275	A	H
		2483.64	60.65	-13.35	74	46.01	32.16	17.55	35.07	110	275	P	H
		2483.52	50.55	-3.45	54	35.91	32.16	17.55	35.07	110	275	A	H
802.11ac													H
VHT20													H
CH 11	*	2462	111.6	-	-	96.99	32.12	17.55	35.06	100	238	P	V
2462MHz	*	2462	103.78	-	-	89.17	32.12	17.55	35.06	100	238	A	V
		2483.64	62.11	-11.89	74	47.47	32.16	17.55	35.07	100	238	P	V
		2483.56	51.55	-2.45	54	36.91	32.16	17.55	35.07	100	238	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 802.11ac VHT20 (Harmonic @ 3m)

WIFI Ant. 1+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	44.85	-29.15	74	58.98	34.23	10.98	59.34	100	0	P	H
													H
802.11ac													H
VHT20													H
CH 01		4824	45.75	-28.25	74	59.88	34.23	10.98	59.34	100	0	P	V
2412MHz													V
													V
													V
		4874	49.6	-24.4	74	63.59	34.22	11.03	59.24	100	0	P	H
		7311	48.06	-25.94	74	56.82	35.71	13.66	58.13	100	0	P	H
802.11ac													H
VHT20													H
CH 06		4874	53.97	-20.03	74	67.96	34.22	11.03	59.24	104	56	P	V
2437MHz		4874	44.58	-9.42	54	58.57	34.22	11.03	59.24	104	56	A	V
		7311	49.97	-24.03	74	58.73	35.71	13.66	58.13	100	0	P	V
													V
		4924	46.47	-27.53	74	60.31	34.21	11.09	59.14	100	0	P	H
		7386	43.55	-30.45	74	52.39	35.66	13.76	58.26	100	0	P	H
802.11ac													H
VHT20													H
CH 11		4924	46.8	-27.2	74	60.64	34.21	11.09	59.14	100	0	P	V
2462MHz		7386	43.94	-30.06	74	52.78	35.66	13.76	58.26	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 802.11ac VHT40 (Band Edge @ 3m)

WIFI Ant. 1+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)
		2389.66	57.61	-16.39	74	43.27	31.95	17.43	35.04	100	271	P	H
		2389.52	50.44	-3.56	54	36.1	31.95	17.43	35.04	100	271	A	H
	*	2422	102.15	-	-	87.69	32.03	17.49	35.06	100	271	P	H
	*	2422	95.14	-	-	80.68	32.03	17.49	35.06	100	271	A	H
802.11ac		2491.04	54.68	-19.32	74	40	32.2	17.55	35.07	100	271	P	H
VHT40		2490.69	45.82	-8.18	54	31.14	32.2	17.55	35.07	100	271	A	H
CH 03		2389.8	60.33	-13.67	74	46	31.95	17.43	35.05	100	231	P	V
2422MHz		2389.24	52.01	-1.99	54	37.67	31.95	17.43	35.04	100	231	A	V
	*	2422	104.46	-	-	90	32.03	17.49	35.06	100	231	P	V
	*	2422	96.35	-	-	81.89	32.03	17.49	35.06	100	231	A	V
		2490.62	55.42	-18.58	74	40.74	32.2	17.55	35.07	100	231	P	V
		2491.11	45.95	-8.05	54	31.27	32.2	17.55	35.07	100	231	A	V
		2389.52	56.68	-17.32	74	42.34	31.95	17.43	35.04	125	268	P	H
		2389.38	50.06	-3.94	54	35.72	31.95	17.43	35.04	125	268	A	H
	*	2427	103.01	-	-	88.55	32.03	17.49	35.06	125	268	P	H
	*	2427	95.82	-	-	81.36	32.03	17.49	35.06	125	268	A	H
802.11ac		2489.64	54.65	-19.35	74	39.97	32.2	17.55	35.07	125	268	P	H
VHT40		2492.72	45.76	-8.24	54	31.09	32.2	17.55	35.08	125	268	A	H
CH 04		2389.8	59.17	-14.83	74	44.84	31.95	17.43	35.05	100	230	P	V
2427MHz		2389.38	52.8	-1.2	54	38.46	31.95	17.43	35.04	100	230	A	V
	*	2427	104.56	-	-	90.1	32.03	17.49	35.06	100	230	P	V
	*	2427	96.28	-	-	81.82	32.03	17.49	35.06	100	230	A	V
		2497.62	54.16	-19.84	74	39.49	32.2	17.55	35.08	100	230	P	V
		2491.32	45.74	-8.26	54	31.06	32.2	17.55	35.07	100	230	A	V

		2389.66	62.94	-11.06	74	48.6	31.95	17.43	35.04	100	272	P	H
		2389.8	52.52	-1.48	54	38.19	31.95	17.43	35.05	100	272	A	H
	*	2437	106.82	-	-	92.31	32.08	17.49	35.06	100	272	P	H
	*	2437	99.16	-	-	84.65	32.08	17.49	35.06	100	272	A	H
802.11ac		2484.6	59.85	-14.15	74	45.21	32.16	17.55	35.07	100	272	P	H
VHT40		2483.62	49.94	-4.06	54	35.3	32.16	17.55	35.07	100	272	A	H
CH 06		2389.8	62.48	-11.52	74	48.15	31.95	17.43	35.05	124	231	P	V
2437MHz		2389.94	52.54	-1.46	54	38.21	31.95	17.43	35.05	124	231	A	V
	*	2437	106.73	-	-	92.22	32.08	17.49	35.06	124	231	P	V
	*	2437	99	-	-	84.49	32.08	17.49	35.06	124	231	A	V
		2485.02	59	-15	74	44.36	32.16	17.55	35.07	124	231	P	V
		2484.32	49.71	-4.29	54	35.07	32.16	17.55	35.07	124	231	A	V
		2389.38	55.49	-18.51	74	41.15	31.95	17.43	35.04	121	266	P	H
		2388.96	45.99	-8.01	54	31.65	31.95	17.43	35.04	121	266	A	H
	*	2447	104.89	-	-	90.38	32.08	17.49	35.06	121	266	P	H
	*	2447	97.64	-	-	83.13	32.08	17.49	35.06	121	266	A	H
802.11ac		2484.52	60.78	-13.22	74	46.14	32.16	17.55	35.07	121	266	P	H
VHT40		2485.3	51.47	-2.53	54	36.83	32.16	17.55	35.07	121	266	A	H
CH 08		2387.14	57.76	-16.24	74	43.42	31.95	17.43	35.04	114	246	P	V
2447MHz		2389.52	46.43	-7.57	54	32.09	31.95	17.43	35.04	114	246	A	V
	*	2447	105.48	-	-	90.97	32.08	17.49	35.06	114	246	P	V
	*	2447	98.81	-	-	84.3	32.08	17.49	35.06	114	246	A	V
		2484.64	61.55	-12.45	74	46.91	32.16	17.55	35.07	114	246	P	V
		2484.64	52.3	-1.7	54	37.66	32.16	17.55	35.07	114	246	A	V

		2389.24	55.07	-18.93	74	40.73	31.95	17.43	35.04	109	276	P	H
		2388.26	45.58	-8.42	54	31.24	31.95	17.43	35.04	109	276	A	H
	*	2452	106.1	-	-	91.59	32.08	17.49	35.06	109	276	P	H
	*	2452	97.86	-	-	83.35	32.08	17.49	35.06	109	276	A	H
802.11ac		2483.69	59.41	-14.59	74	44.77	32.16	17.55	35.07	109	276	P	H
VHT40		2484.46	51.78	-2.22	54	37.14	32.16	17.55	35.07	109	276	A	H
CH 09		2364.18	54.42	-19.58	74	40.21	31.87	17.37	35.03	110	246	P	V
2452MHz		2389.38	45.58	-8.42	54	31.24	31.95	17.43	35.04	110	246	A	V
	*	2452	105.59	-	-	91.08	32.08	17.49	35.06	110	246	P	V
	*	2452	97.87	-	-	83.36	32.08	17.49	35.06	110	246	A	V
		2483.83	60.65	-13.35	74	46.01	32.16	17.55	35.07	110	246	P	V
		2483.55	52.34	-1.66	54	37.7	32.16	17.55	35.07	110	246	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 802.11ac VHT40 (Harmonic @ 3m)

WIFI Ant. 1+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	42.18	-31.82	74	56.28	34.23	10.98	59.31	100	0	P	H
		7266	44.19	-29.81	74	52.93	35.73	13.62	58.09	100	0	P	H
802.11ac													H
VHT40													H
CH 03		4844	42.47	-31.53	74	56.57	34.23	10.98	59.31	100	0	P	V
2422MHz		7266	43.63	-30.37	74	52.37	35.73	13.62	58.09	100	0	P	V
													V
													V
		4874	43.72	-30.28	74	57.71	34.22	11.03	59.24	100	0	P	H
		7311	43.57	-30.43	74	52.33	35.71	13.66	58.13	100	0	P	H
802.11ac													H
VHT40													H
CH 06		4874	45.91	-28.09	74	59.9	34.22	11.03	59.24	100	0	P	V
2437MHz		7311	43.36	-30.64	74	52.12	35.71	13.66	58.13	100	0	P	V
													V
													V
		4904	42.78	-31.22	74	56.64	34.22	11.09	59.17	100	0	P	H
		7356	43.21	-30.79	74	52.03	35.68	13.71	58.21	100	0	P	H
802.11ac													H
VHT40													H
CH 09		4904	44.39	-29.61	74	58.25	34.22	11.09	59.17	100	0	P	V
2452MHz		7356	43.19	-30.81	74	52.01	35.68	13.71	58.21	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 802.11ac VHT40 (LF)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		30	22.12	-17.88	40	27.54	24.6	1.33	31.35	-	-	P	H
		74.01	21.81	-18.19	40	39.02	12.67	1.71	31.59	-	-	P	H
		152.31	31.71	-11.79	43.5	44.02	16.94	2.25	31.5	100	0	P	H
		394.5	27.95	-18.05	46	34.33	21.49	3.27	31.14	-	-	P	H
		832.7	30.99	-15.01	46	28.55	28.27	4.74	30.57	-	-	P	H
		944	31.91	-14.09	46	27.35	30.03	5.05	30.52	-	-	P	H
													H
													H
													H
													H
2.4GHz													H
802.11ac													H
VHT40		30	31.97	-8.03	40	37.39	24.6	1.33	31.35	100	0	P	V
LF		73.47	29.98	-10.02	40	47.19	12.67	1.71	31.59	-	-	P	V
		95.88	30.48	-13.02	43.5	44.97	15.33	1.74	31.56	-	-	P	V
		772.5	29.73	-16.27	46	27.96	27.92	4.46	30.61	-	-	P	V
		867	30.87	-15.13	46	27.55	28.98	4.88	30.54	-	-	P	V
		954.5	32.32	-13.68	46	27.19	30.59	5.05	30.51	-	-	P	V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												

<For Earphone 2>

2.4GHz 2400~2483.5MHz

WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		2388.54	59.09	-14.91	74	44.54	32.16	17.43	35.04	100	277	P	H
		2388.96	50.32	-3.68	54	35.77	32.16	17.43	35.04	100	277	A	H
	*	2422	102.49	-	-	87.89	32.17	17.49	35.06	100	277	P	H
	*	2422	94.4	-	-	79.8	32.17	17.49	35.06	100	277	A	H
802.11ac		2483.55	54.18	-19.82	74	39.51	32.19	17.55	35.07	100	277	P	H
VHT40		2485.44	45.31	-8.69	54	30.64	32.19	17.55	35.07	100	277	A	H
CH 03		2389.38	61.38	-12.62	74	46.83	32.16	17.43	35.04	100	238	P	V
2422MHz		2389.94	52.9	-1.1	54	38.36	32.16	17.43	35.05	100	238	A	V
	*	2422	104.04	-	-	89.44	32.17	17.49	35.06	100	238	P	V
	*	2422	95.95	-	-	81.35	32.17	17.49	35.06	100	238	A	V
		2484.53	55.74	-18.26	74	41.07	32.19	17.55	35.07	100	238	P	V
		2492.44	45.51	-8.49	54	30.84	32.2	17.55	35.08	100	238	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 802.11ac VHT40 (Harmonic @ 3m)

WIFI Ant. 1+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	42.89	-31.11	74	56.58	34.64	10.98	59.31	100	0	P	H
		7266	43.25	-30.75	74	51.98	35.74	13.62	58.09	100	0	P	H
802.11ac													H
VHT40													H
CH 03		4844	42.86	-31.14	74	56.55	34.64	10.98	59.31	100	0	P	V
2422MHz		7266	43.68	-30.32	74	52.41	35.74	13.62	58.09	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 802.11ac VHT40 (LF)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		30.27	23.03	-16.97	40	28.45	24.6	1.33	31.35	-	-	P	H
		74.82	20.47	-19.53	40	37.6	12.75	1.71	31.59	-	-	P	H
		152.31	31.35	-12.15	43.5	43.66	16.94	2.25	31.5	100	0	P	H
		386.1	27.76	-18.24	46	34.49	21.16	3.26	31.15	-	-	P	H
		856.5	30.57	-15.43	46	27.45	28.93	4.74	30.55	-	-	P	H
		943.3	32.31	-13.69	46	27.75	30.03	5.05	30.52	-	-	P	H
													H
													H
													H
													H
2.4GHz													H
802.11ac													H
VHT40		30	31.32	-8.68	40	36.74	24.6	1.33	31.35	100	0	P	V
LF		73.2	30.19	-9.81	40	47.4	12.67	1.71	31.59	-	-	P	V
		96.69	30.26	-13.24	43.5	44.63	15.45	1.74	31.56	-	-	P	V
		779.5	29.91	-16.09	46	28.08	27.98	4.46	30.61	-	-	P	V
		857.2	31.51	-14.49	46	28.36	28.96	4.74	30.55	-	-	P	V
		954.5	32.02	-13.98	46	26.89	30.59	5.05	30.51	-	-	P	V
													V
													V
													V
													V
													V
													V

Remark

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

<For Notebook Mode>

2.4GHz 2400~2483.5MHz

WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT40 CH 03 2422MHz		2389.1	57.75	-16.25	74	43.2	32.16	17.43	35.04	100	277	P	H
		2389.66	50.25	-3.75	54	35.7	32.16	17.43	35.04	100	277	A	H
	*	2422	102.36	-	-	87.76	32.17	17.49	35.06	100	277	P	H
	*	2422	94.36	-	-	79.76	32.17	17.49	35.06	100	277	A	H
		2488.52	54.83	-19.17	74	40.15	32.2	17.55	35.07	100	277	P	H
		2496.22	45.29	-8.71	54	30.62	32.2	17.55	35.08	100	277	A	H
		2389.38	61.13	-12.87	74	46.58	32.16	17.43	35.04	100	237	P	V
		2389.94	52.6	-1.4	54	38.06	32.16	17.43	35.05	100	237	A	V
	*	2422	103.75	-	-	89.15	32.17	17.49	35.06	100	237	P	V
	*	2422	95.95	-	-	81.35	32.17	17.49	35.06	100	237	A	V
		2495.1	53.86	-20.14	74	39.19	32.2	17.55	35.08	100	237	P	V
		2492.65	45.34	-8.66	54	30.67	32.2	17.55	35.08	100	237	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 802.11ac VHT40 (Harmonic @ 3m)

WIFI Ant. 1+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	42.16	-31.84	74	55.85	34.64	10.98	59.31	100	0	P	H
		7266	43.01	-30.99	74	51.74	35.74	13.62	58.09	100	0	P	H
802.11ac													H
VHT40													H
CH 03		4844	42.93	-31.07	74	56.62	34.64	10.98	59.31	100	0	P	V
2422MHz		7266	43.31	-30.69	74	52.04	35.74	13.62	58.09	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

WIFI 802.11ac VHT40 (LF @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT40 LF		30	24.91	-15.09	40	30.33	24.6	1.33	31.35	-	-	P	H
		171.21	26.79	-16.71	43.5	40.57	15.45	2.25	31.48	-	-	P	H
		239.79	32.91	-13.09	46	44.57	17.1	2.63	31.39	100	0	P	H
		865.6	30.79	-15.21	46	27.45	29	4.88	30.54	-	-	P	H
		940.5	31.24	-14.76	46	26.84	29.87	5.05	30.52	-	-	P	H
		958	32.23	-13.77	46	26.89	30.8	5.05	30.51	-	-	P	H
													H
													H
													H
													H
													H
													H
		30.81	32.29	-7.71	40	38.23	24.09	1.33	31.36	100	0	P	V
		77.25	29.12	-10.88	40	45.98	13.01	1.71	31.58	-	-	P	V
		104.25	27.15	-16.35	43.5	40.15	16.53	2.03	31.56	-	-	P	V
		856.5	30.71	-15.29	46	27.59	28.93	4.74	30.55	-	-	P	V
		884.5	31.7	-14.3	46	28.48	28.86	4.89	30.53	-	-	P	V
		944.7	32.32	-13.68	46	27.71	30.08	5.05	30.52	-	-	P	V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												

<TXBF Mode>

2.4GHz 2400~2483.5MHz

WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		2389.905	60.9	-13.1	74	46.36	32.16	17.43	35.05	311	92	P	H
		2390	51.73	-2.27	54	37.19	32.16	17.43	35.05	311	92	A	H
	*	2412	107.58	-	-	93.03	32.17	17.43	35.05	311	92	P	H
	*	2412	98.88	-	-	84.33	32.17	17.43	35.05	311	92	A	H
802.11ac													H
VHT20													H
CH 01		2389.17	61.09	-12.91	74	46.54	32.16	17.43	35.04	100	132	P	V
2412MHz		2389.695	51.22	-2.78	54	36.67	32.16	17.43	35.04	100	132	A	V
	*	2412	107.73	-	-	93.18	32.17	17.43	35.05	100	132	P	V
	*	2412	99.28	-	-	84.73	32.17	17.43	35.05	100	132	A	V
													V
													V
		2385.74	55.98	-18.02	74	41.43	32.16	17.43	35.04	380	124	P	H
		2389.8	45.82	-8.18	54	31.28	32.16	17.43	35.05	380	124	A	H
	*	2437	113.34	-	-	98.73	32.18	17.49	35.06	380	124	P	H
	*	2437	104.53	-	-	89.92	32.18	17.49	35.06	380	124	A	H
802.11ac		2483.97	55.43	-18.57	74	40.76	32.19	17.55	35.07	380	124	P	H
VHT20		2484.74	45.85	-8.15	54	31.18	32.19	17.55	35.07	380	124	A	H
CH 06		2384.76	54.98	-19.02	74	40.44	32.15	17.43	35.04	100	216	P	V
2437MHz		2389.52	47.11	-6.89	54	32.56	32.16	17.43	35.04	100	216	A	V
	*	2437	113.26	-	-	98.65	32.18	17.49	35.06	100	216	P	V
	*	2437	104.44	-	-	89.84	32.17	17.49	35.06	100	216	A	V
		2483.69	58.5	-15.5	74	43.83	32.19	17.55	35.07	100	216	P	V
		2483.62	46.52	-7.48	54	31.85	32.19	17.55	35.07	100	216	A	V

	*	2462	110.18	-	-	95.5	32.19	17.55	35.06	332	346	P	H
	*	2462	102.74	-	-	88.06	32.19	17.55	35.06	332	346	A	H
		2485.88	64.27	-9.73	74	49.6	32.19	17.55	35.07	332	346	P	H
		2483.52	52.35	-1.65	54	37.68	32.19	17.55	35.07	332	346	A	H
802.11ac													H
VHT20													H
CH 11	*	2462	111.95	-	-	97.27	32.19	17.55	35.06	100	248	P	V
2462MHz	*	2462	103.95	-	-	89.27	32.19	17.55	35.06	100	248	A	V
		2484.24	63.29	-10.71	74	48.62	32.19	17.55	35.07	100	248	P	V
		2483.52	52.42	-1.58	54	37.75	32.19	17.55	35.07	100	248	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 802.11ac VHT20 (Harmonic @ 3m)

WIFI Ant. 1+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	49.63	-24.37	74	63.36	34.63	10.98	59.34	100	0	P	H
													H
802.11ac													H
VHT20													H
CH 01		4824	47.77	-26.23	74	61.5	34.63	10.98	59.34	100	0	P	V
2412MHz													V
													V
													V
		4874	46.54	-27.46	74	60.1	34.65	11.03	59.24	100	0	P	H
		7311	45.8	-28.2	74	54.53	35.74	13.66	58.13	100	0	P	H
802.11ac													H
VHT20													H
CH 06		4874	49.64	-24.36	74	63.2	34.65	11.03	59.24	100	0	P	V
2437MHz		7311	48.89	-25.11	74	57.62	35.74	13.66	58.13	100	0	P	V
													V
													V
		4924	45.89	-28.11	74	59.27	34.67	11.09	59.14	100	0	P	H
		7386	46.35	-27.65	74	55.13	35.72	13.76	58.26	100	0	P	H
802.11ac													H
VHT20													H
CH 11		4924	47.86	-26.14	74	61.24	34.67	11.09	59.14	100	0	P	V
2462MHz		7386	48.62	-25.38	74	57.4	35.72	13.76	58.26	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 802.11ac VHT40 (Band Edge @ 3m)

WIFI Ant. 1+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)
		2389.24	62.19	-11.81	74	47.64	32.16	17.43	35.04	100	277	P	H
		2389.66	51.84	-2.16	54	37.29	32.16	17.43	35.04	100	277	A	H
	*	2422	100.84	-	-	86.24	32.17	17.49	35.06	100	277	P	H
	*	2422	87	-	-	72.4	32.17	17.49	35.06	100	277	A	H
802.11ac		2489.22	54.46	-19.54	74	39.78	32.2	17.55	35.07	100	277	P	H
VHT40		2484.81	45.28	-8.72	54	30.61	32.19	17.55	35.07	100	277	A	H
CH 03		2385.74	61.23	-12.77	74	46.68	32.16	17.43	35.04	100	238	P	V
2422MHz		2389.94	52.41	-1.59	54	37.87	32.16	17.43	35.05	100	238	A	V
	*	2422	99.85	-	-	85.25	32.17	17.49	35.06	100	238	P	V
	*	2422	92.9	-	-	78.3	32.17	17.49	35.06	100	238	A	V
		2486.49	53.99	-20.01	74	39.32	32.19	17.55	35.07	100	238	P	V
		2484.81	45.63	-8.37	54	30.96	32.19	17.55	35.07	100	238	A	V
		2389.94	60.95	-13.05	74	46.41	32.16	17.43	35.05	100	277	P	H
		2389.94	51.77	-2.23	54	37.23	32.16	17.43	35.05	100	277	A	H
	*	2437	103.66	-	-	89.05	32.18	17.49	35.06	100	277	P	H
	*	2437	95.05	-	-	80.44	32.18	17.49	35.06	100	277	A	H
802.11ac		2485.72	59.11	-14.89	74	44.44	32.19	17.55	35.07	100	277	P	H
VHT40		2485.65	48.87	-5.13	54	34.2	32.19	17.55	35.07	100	277	A	H
CH 06		2389.94	62.16	-11.84	74	47.62	32.16	17.43	35.05	100	238	P	V
2437MHz		2389.94	50.9	-3.1	54	36.36	32.16	17.43	35.05	100	238	A	V
	*	2437	104.47	-	-	89.86	32.18	17.49	35.06	100	238	P	V
	*	2437	95.97	-	-	81.36	32.18	17.49	35.06	100	238	A	V
		2484.81	59.64	-14.36	74	44.97	32.19	17.55	35.07	100	238	P	V
		2485.16	49.65	-4.35	54	34.98	32.19	17.55	35.07	100	238	A	V

		2388.96	56.66	-17.34	74	42.11	32.16	17.43	35.04	100	277	P	H
		2389.8	47.96	-6.04	54	33.42	32.16	17.43	35.05	100	277	A	H
	*	2452	101.39	-	-	86.78	32.18	17.49	35.06	100	277	P	H
	*	2452	94.36	-	-	79.75	32.18	17.49	35.06	100	277	A	H
802.11ac		2485.72	61.71	-12.29	74	47.04	32.19	17.55	35.07	100	277	P	H
VHT40		2485.51	52.53	-1.47	54	37.86	32.19	17.55	35.07	100	277	A	H
CH 09		2389.94	59.81	-14.19	74	45.27	32.16	17.43	35.05	100	238	P	V
2452MHz		2389.66	47.54	-6.46	54	32.99	32.16	17.43	35.04	100	238	A	V
	*	2452	103.39	-	-	88.78	32.18	17.49	35.06	100	238	P	V
	*	2452	96.86	-	-	82.25	32.18	17.49	35.06	100	238	A	V
		2484.04	62.08	-11.92	74	47.41	32.19	17.55	35.07	100	238	P	V
		2485.09	52.49	-1.51	54	37.82	32.19	17.55	35.07	100	238	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 802.11ac VHT40 (Harmonic @ 3m)

WIFI Ant. 1+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	41.52	-32.48	74	55.62	34.23	10.98	59.31	100	0	P	H
		7266	43.16	-30.84	74	51.9	35.73	13.62	58.09	100	0	P	H
802.11ac													H
VHT40													H
CH 03		4844	41.32	-32.68	74	55.42	34.23	10.98	59.31	100	0	P	V
2422MHz		7266	44.28	-29.72	74	53.03	35.74	13.57	58.06	100	0	P	V
													V
													V
		4874	43.9	-30.1	74	57.89	34.22	11.03	59.24	100	0	P	H
		7311	43.69	-30.31	74	52.45	35.71	13.66	58.13	100	0	P	H
802.11ac													H
VHT40													H
CH 06		4874	46.05	-27.95	74	60.04	34.22	11.03	59.24	100	0	P	V
2437MHz		7311	43.57	-30.43	74	52.33	35.71	13.66	58.13	100	0	P	V
													V
													V
		4904	42.52	-31.48	74	55.93	34.67	11.09	59.17	100	0	P	H
		7356	42.19	-31.81	74	50.96	35.73	13.71	58.21	100	0	P	H
802.11ac													H
VHT40													H
CH 09		4904	44.61	-29.39	74	58.02	34.67	11.09	59.17	100	0	P	V
2452MHz		7356	43.02	-30.98	74	51.79	35.73	13.71	58.21	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 802.11ac VHT40 (LF)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		30.81	22.79	-17.21	40	28.73	24.09	1.33	31.36	-	-	P	H
		171.21	27.23	-16.27	43.5	41.01	15.45	2.25	31.48	-	-	P	H
		293.79	30.27	-15.73	46	39.69	19.03	2.86	31.31	-	-	P	H
		829.2	30.64	-15.36	46	28.34	28.13	4.74	30.57	-	-	P	H
		872.6	30.93	-15.07	46	27.64	28.95	4.88	30.54	-	-	P	H
		929.3	32.77	-13.23	46	28.86	29.46	4.97	30.52	100	0	P	H
													H
													H
													H
													H
2.4GHz													H
802.11ac													H
VHT40		30.81	33.04	-6.96	40	38.98	24.09	1.33	31.36	100	0	P	V
LF		77.25	28.68	-11.32	40	45.54	13.01	1.71	31.58	-	-	P	V
		95.07	27.22	-16.28	43.5	41.83	15.21	1.74	31.56	-	-	P	V
		794.9	29.71	-16.29	46	27.74	27.96	4.6	30.59	-	-	P	V
		858.6	31.17	-14.83	46	28	28.98	4.74	30.55	-	-	P	V
		954.5	32.33	-13.67	46	27.2	30.59	5.05	30.51	-	-	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.	
1		(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 C. Radiated Spurious Emission Plots

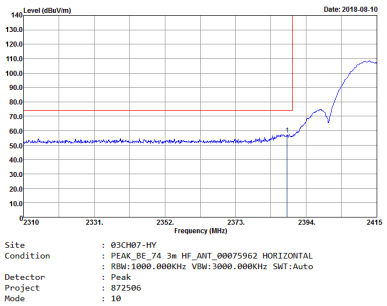
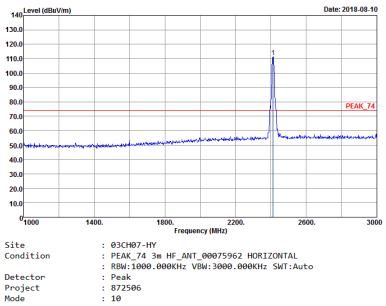
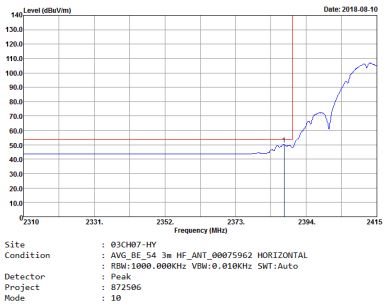
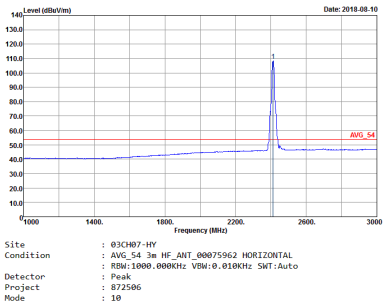
Test Engineer :	Jesse Wang, Stan Hsieh, and Nick Yu	**Temperature :**	24~26°C
		Relative Humidity :	51~53%

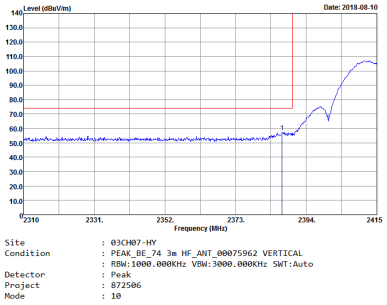
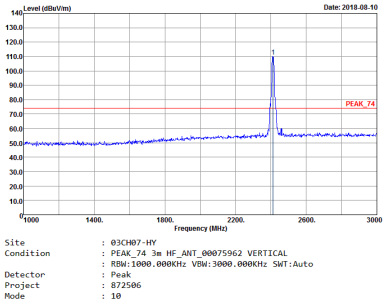
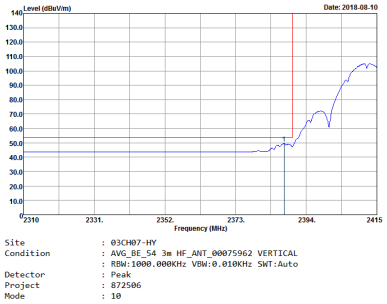
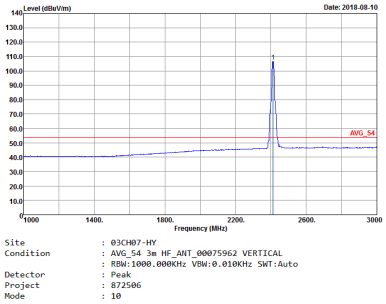
Note symbol

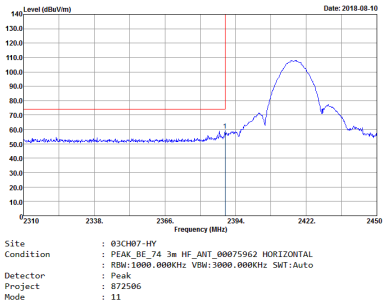
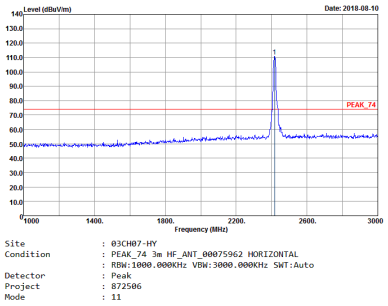
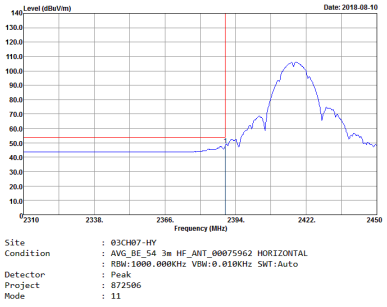
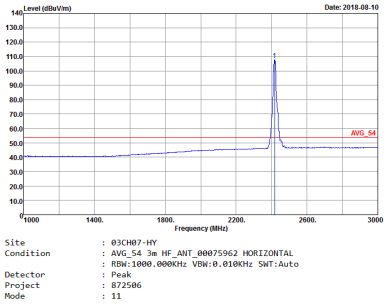
-L	**Low channel location**
-R	**High channel location**

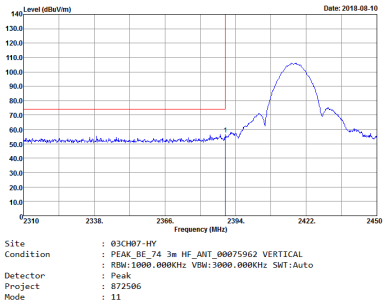
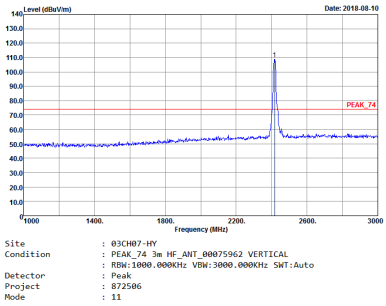
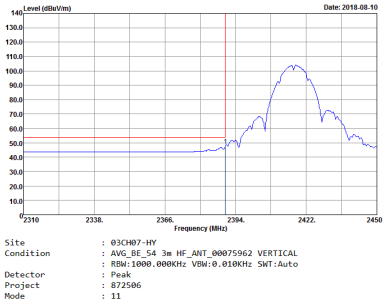
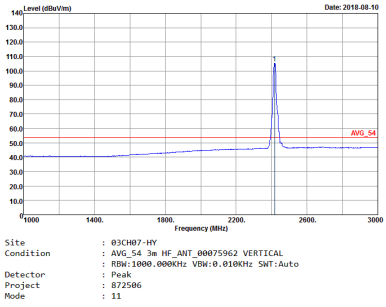
<CDD Mode>
<For Earphone 1>

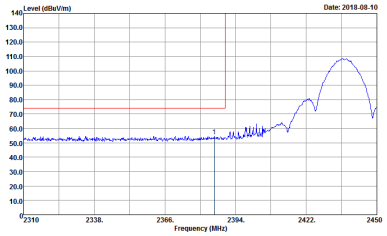
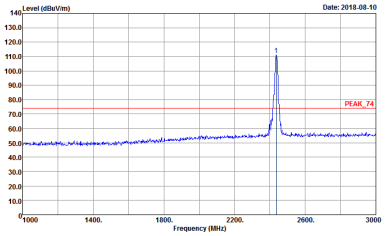
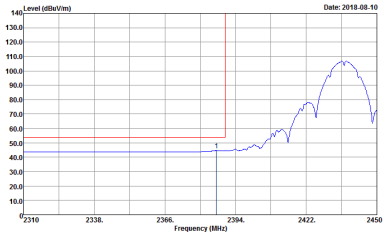
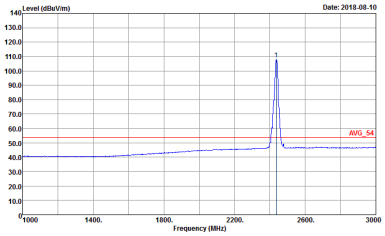
2.4GHz 2400~2483.5MHz
WIFI 802.11b (Band Edge @ 3m)

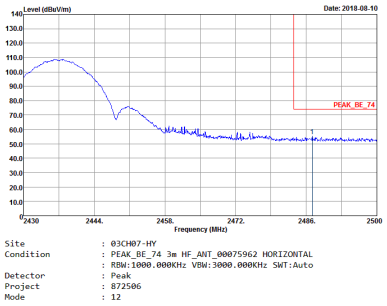
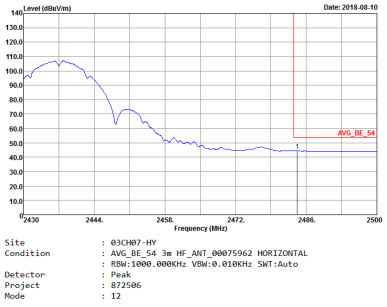
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH01 2412MHz	
1	Horizontal	Fundamental
Peak		
Avg.		

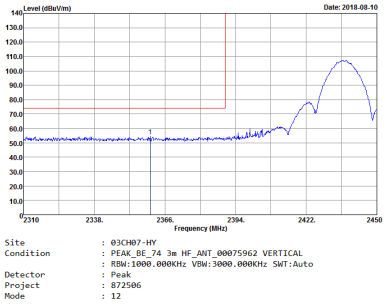
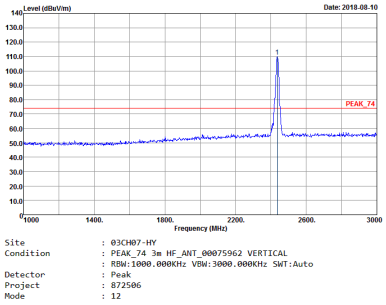
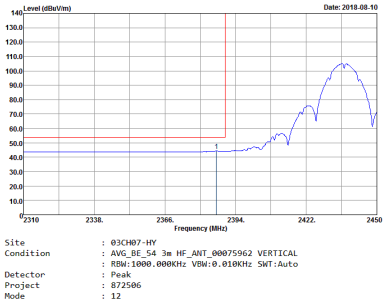
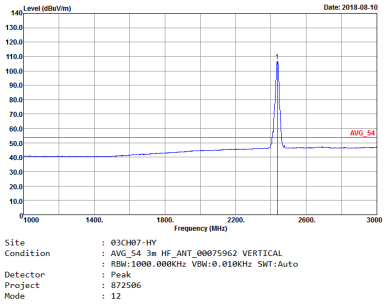
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH01 2412MHz	
1	Vertical	Fundamental
Peak		
Avg.		

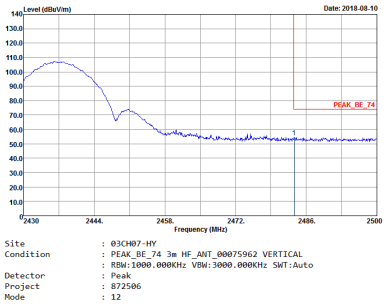
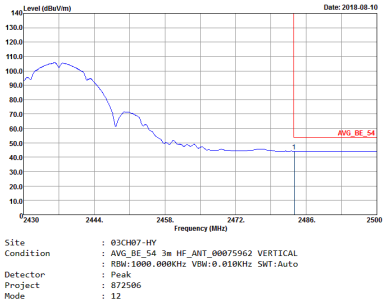
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH02 2417MHz	
1	Horizontal	Fundamental
Peak		
Avg.		

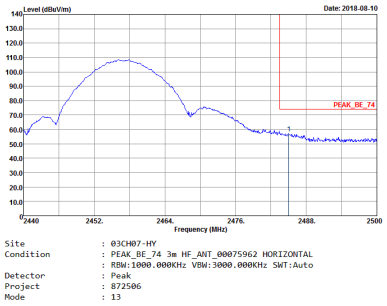
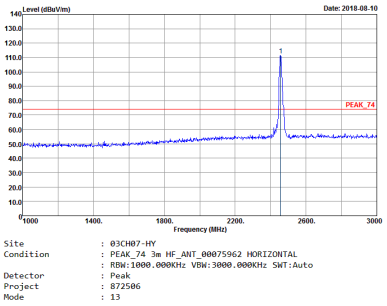
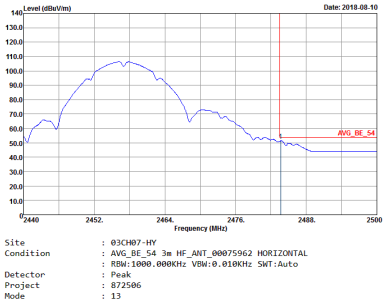
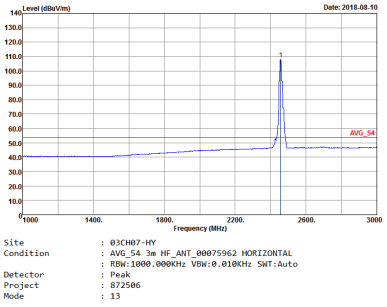
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH02 2417MHz	
1	Vertical	Fundamental
Peak		
Avg.		

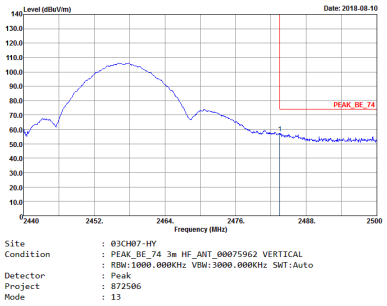
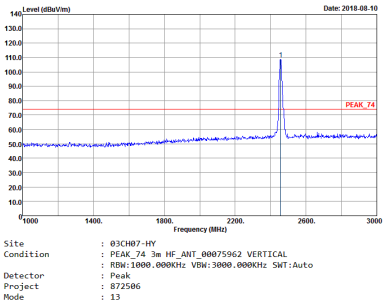
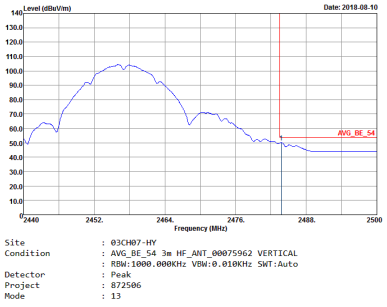
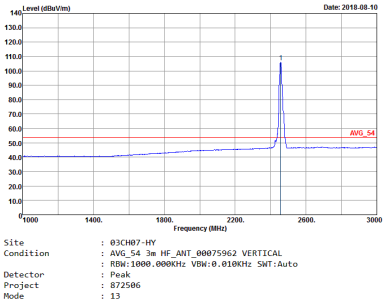
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 872506 Mode : 12	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 872506 Mode : 12
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 872506 Mode : 12	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 872506 Mode : 12

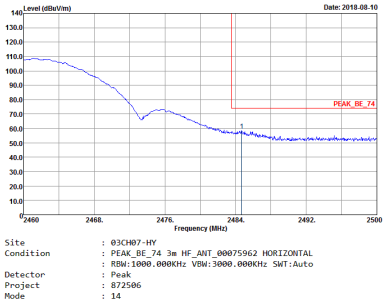
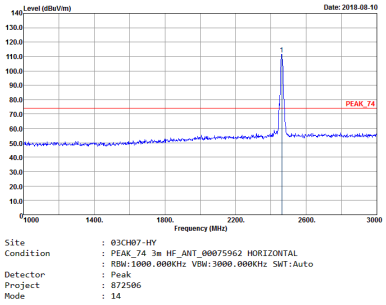
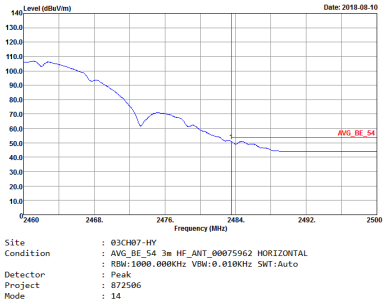
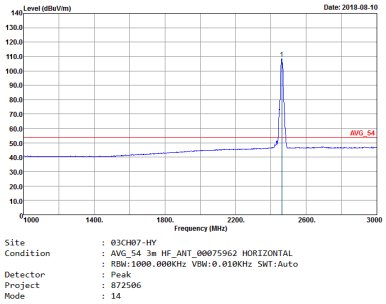
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 872506 Mode : 12	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 872506 Mode : 12	Left blank

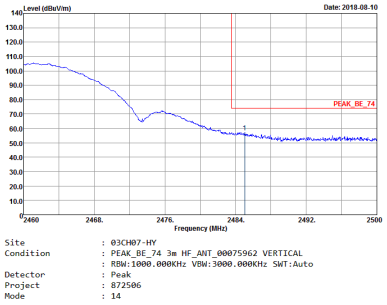
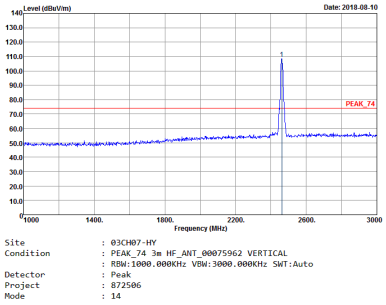
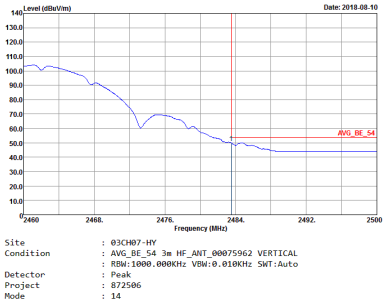
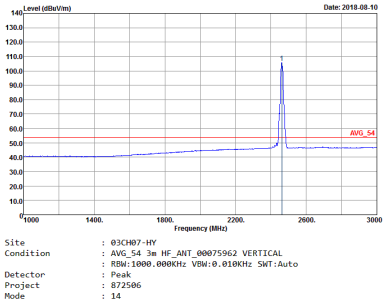
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 872506 Mode : 12	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 872506 Mode : 12	Left blank

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH10 2457MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 872506 Mode : 13	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 872506 Mode : 13
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 872506 Mode : 13	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 872506 Mode : 13

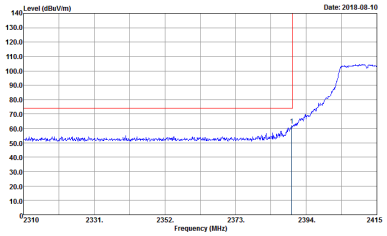
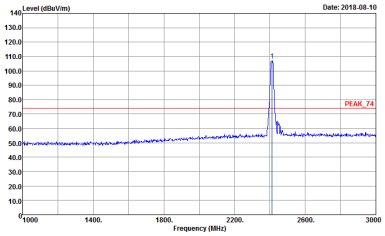
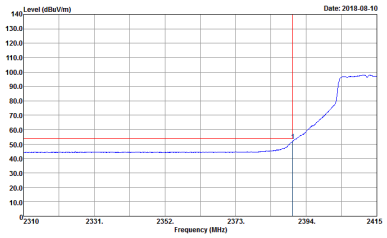
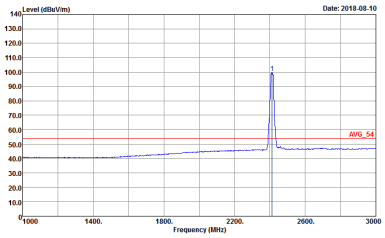
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH10 2457MHz	
1	Vertical	Fundamental
Peak		
Avg.		

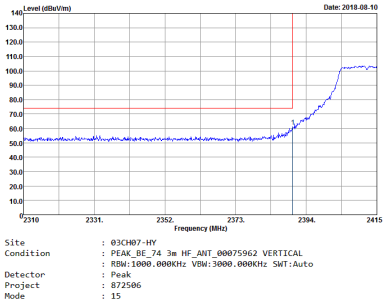
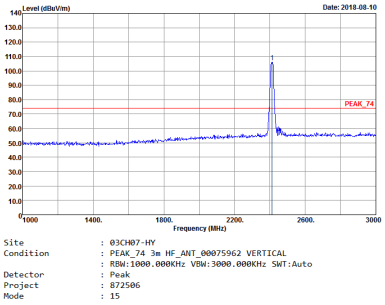
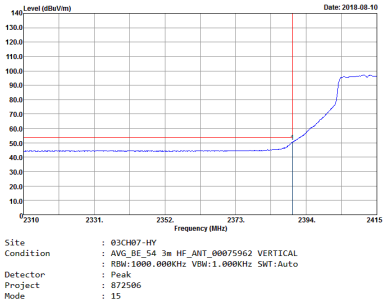
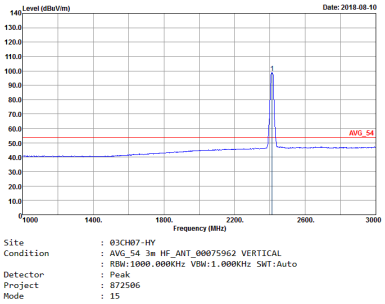
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH11 2462MHz	
1	Horizontal	Fundamental
Peak		
Avg.		

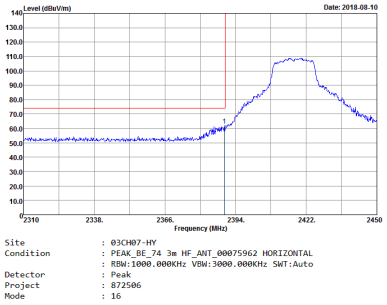
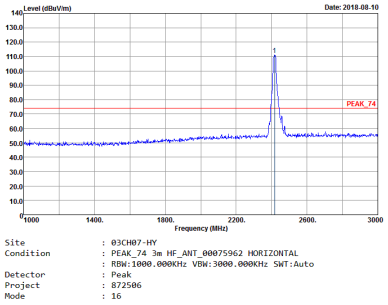
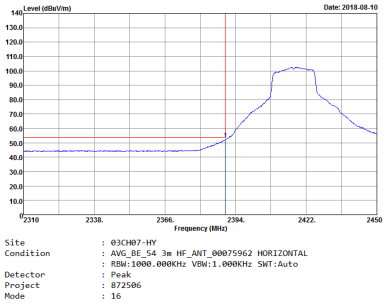
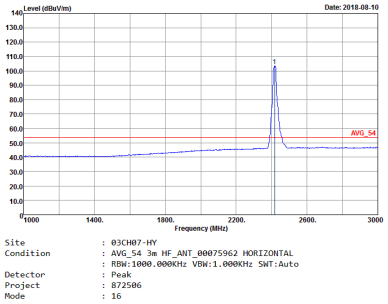
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH11 2462MHz	
1	Vertical	Fundamental
Peak		
Avg.		

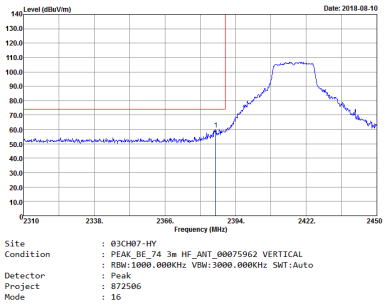
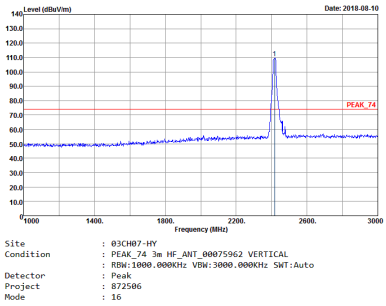
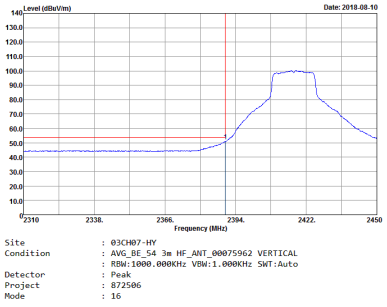
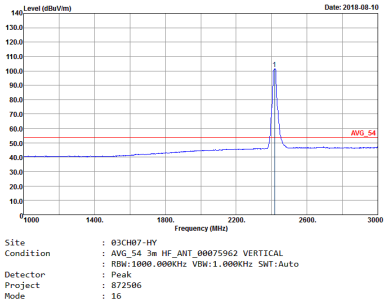
2.4GHz 2400~2483.5MHz

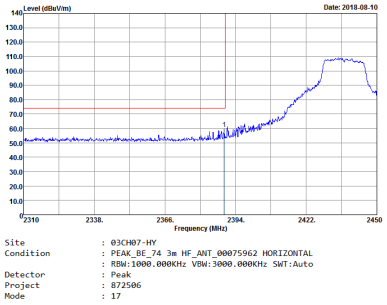
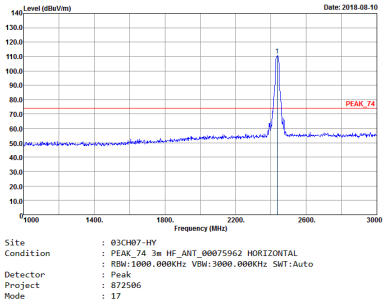
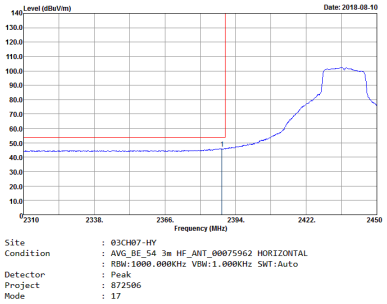
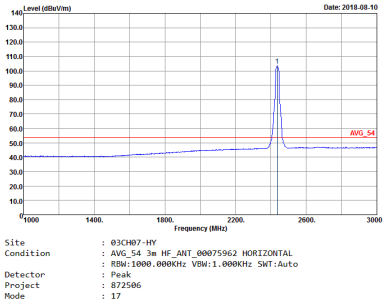
WIFI 802.11g (Band Edge @ 3m)

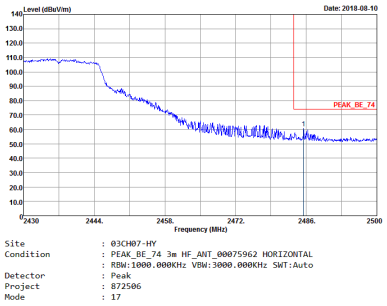
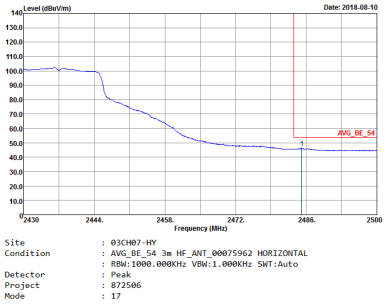
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH01 2412MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 872506 Mode : 15	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 872506 Mode : 15
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 872506 Mode : 15	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 872506 Mode : 15

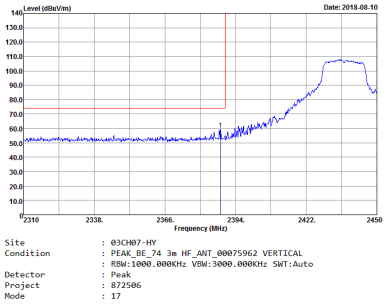
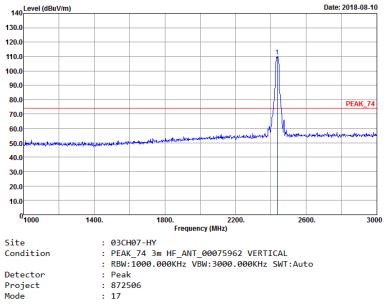
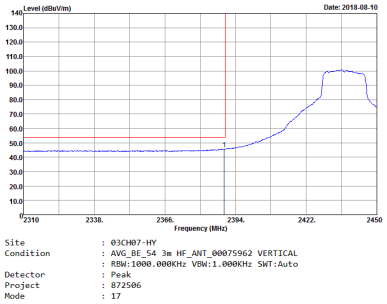
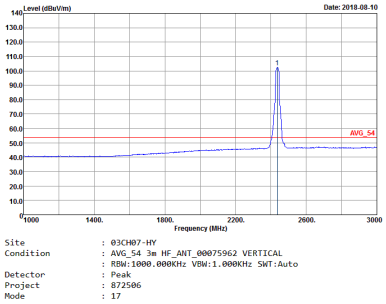
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH01 2412MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 872506 Mode : 15	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 872506 Mode : 15
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 872506 Mode : 15	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 872506 Mode : 15

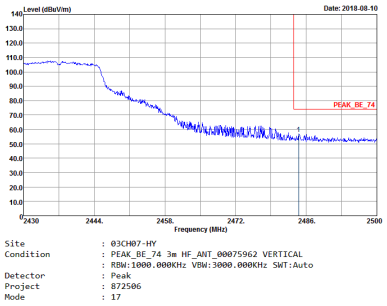
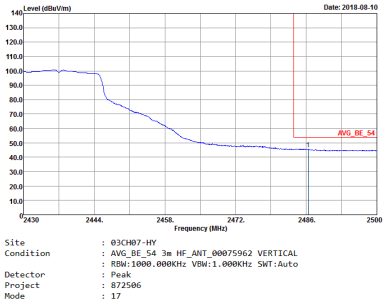
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH02 2417MHz	
1	Horizontal	Fundamental
Peak		
Avg.		

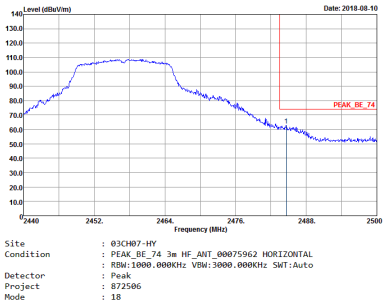
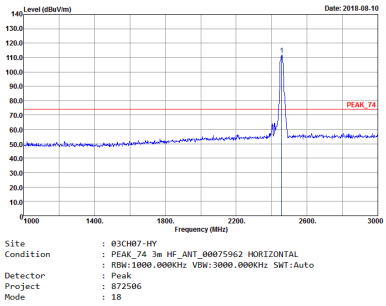
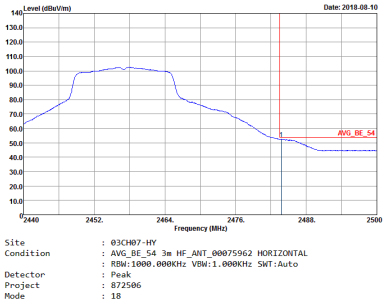
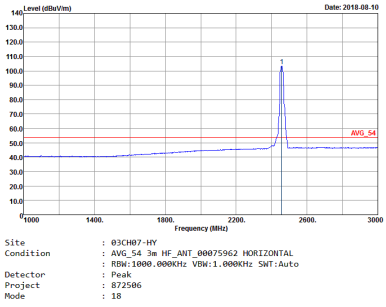
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH02 2417MHz	
1	Vertical	Fundamental
Peak		
Avg.		

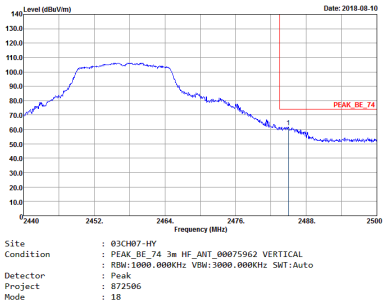
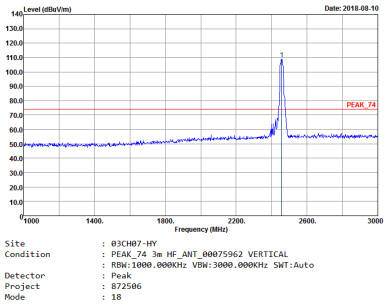
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		

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

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

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 872506 Mode : 17	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 872506 Mode : 17	Left blank

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH10 2457MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 872506 Mode : 18	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 872506 Mode : 18
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 872506 Mode : 18	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 872506 Mode : 18

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH10 2457MHz	
1	Vertical	Fundamental
Peak		
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