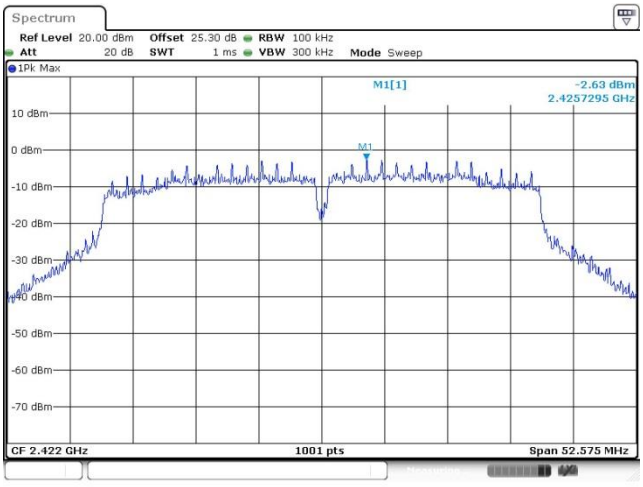
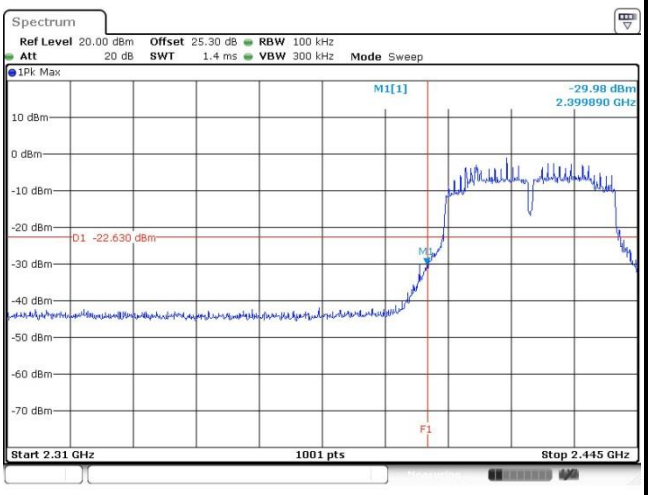
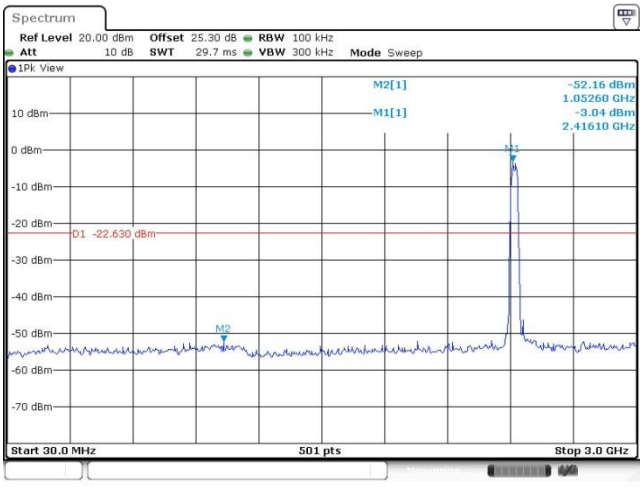
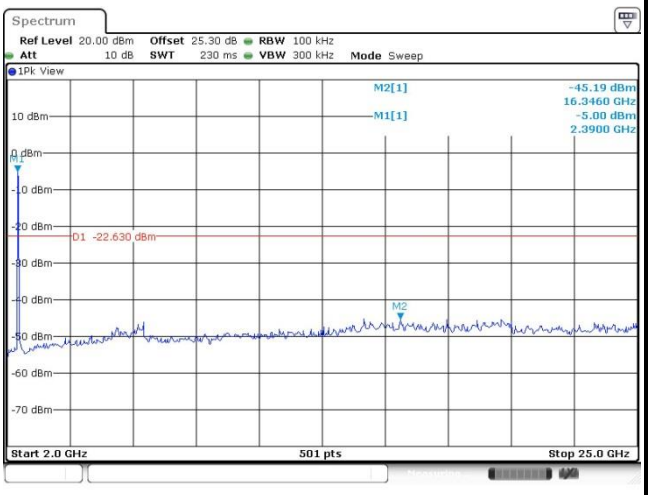
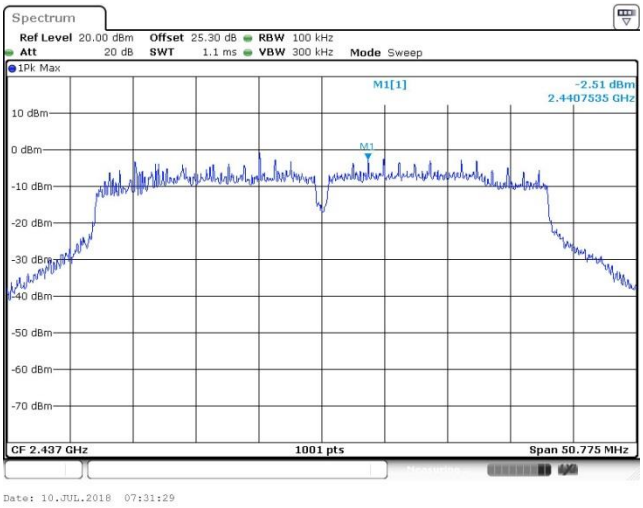
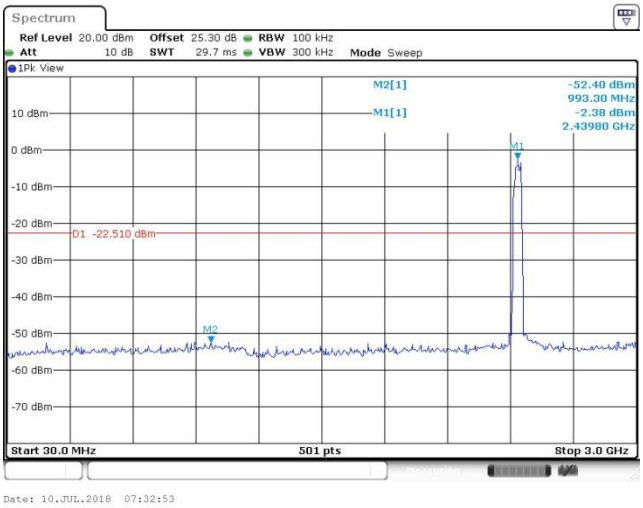
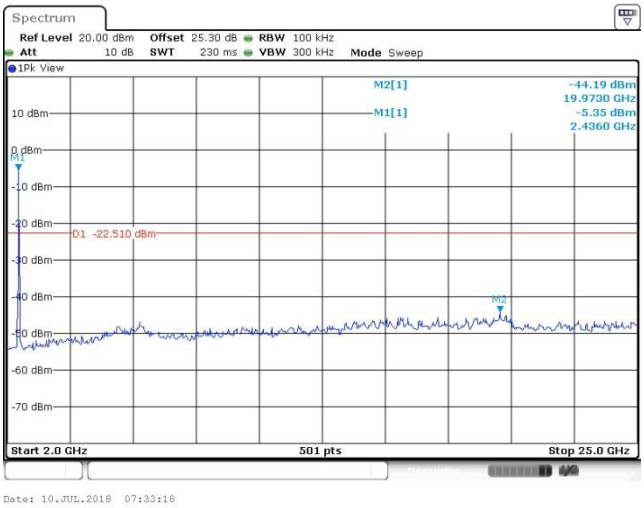
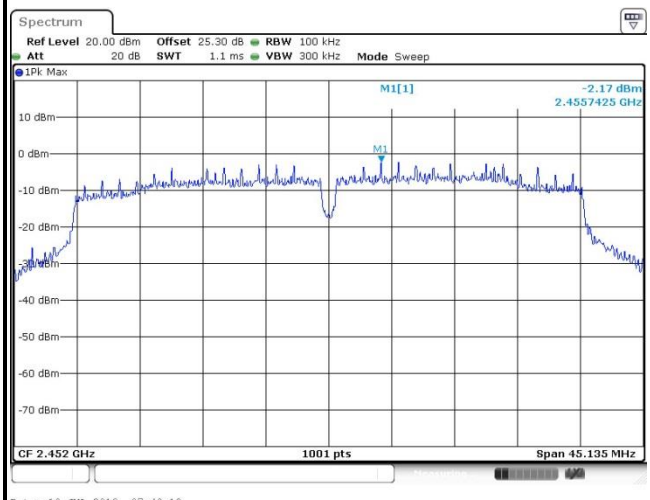
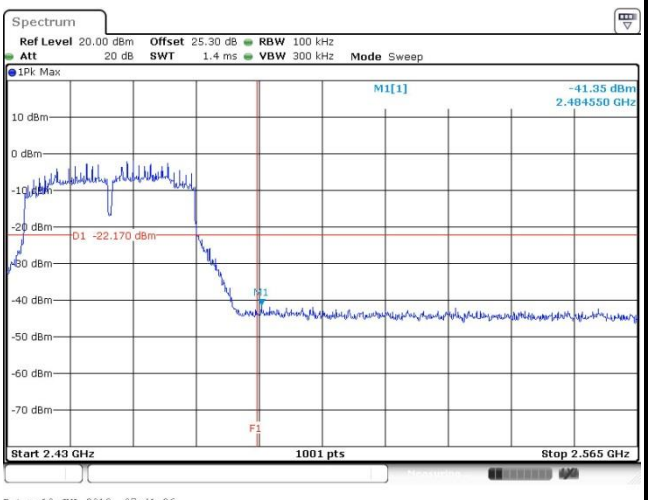
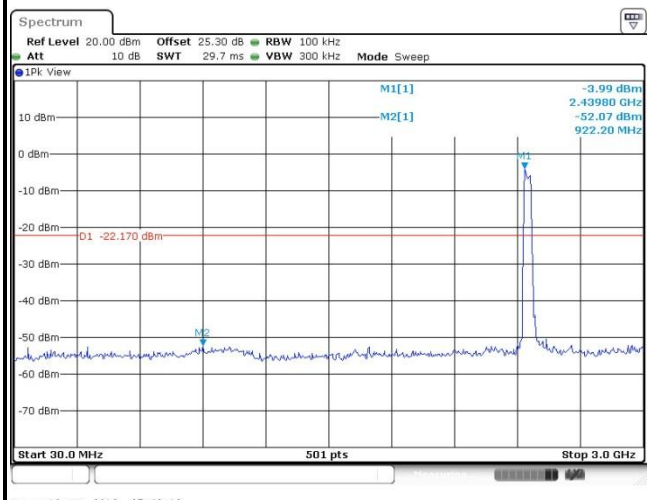
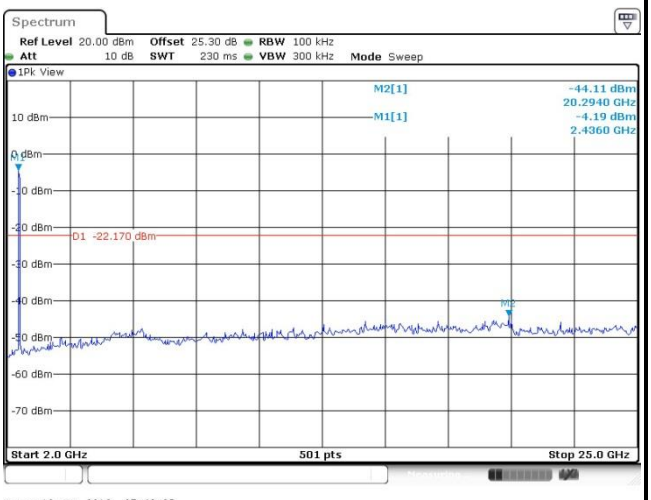
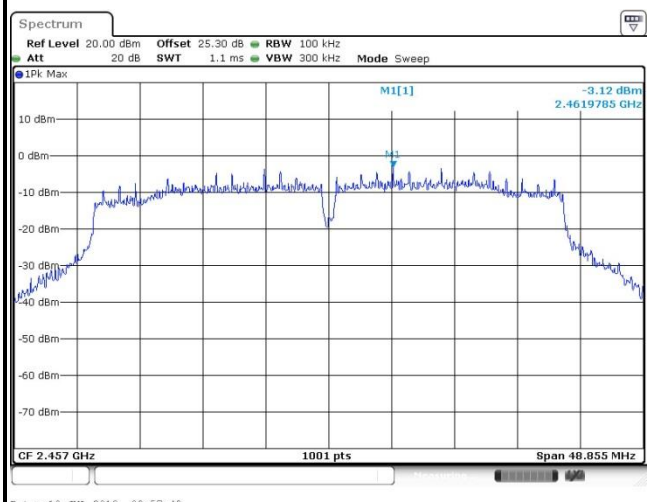
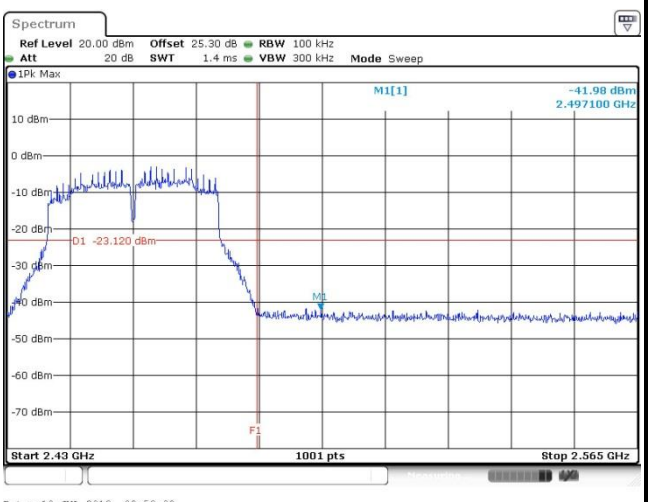
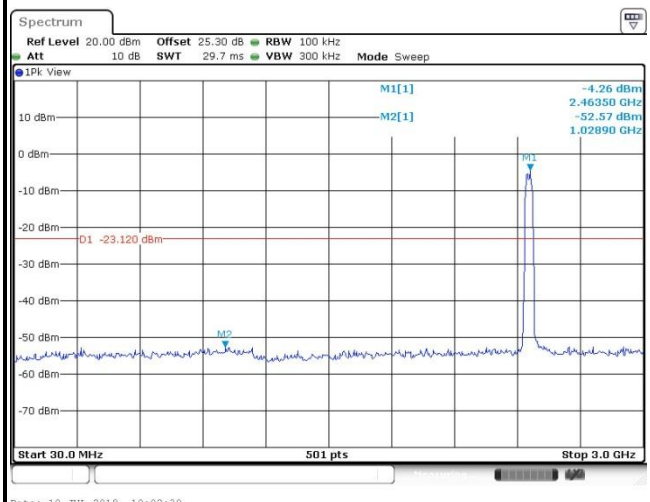
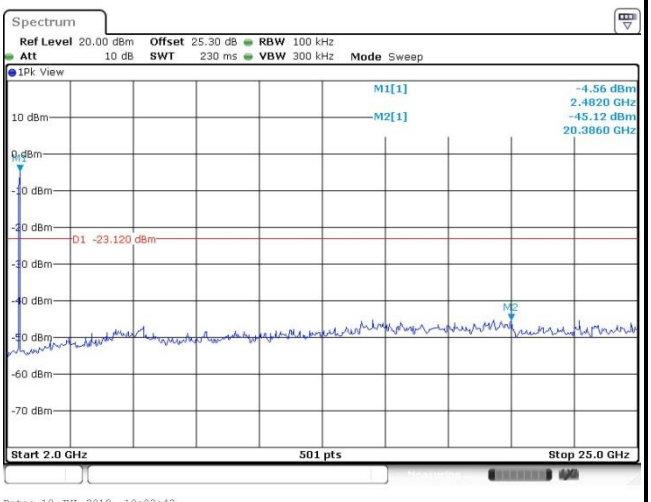
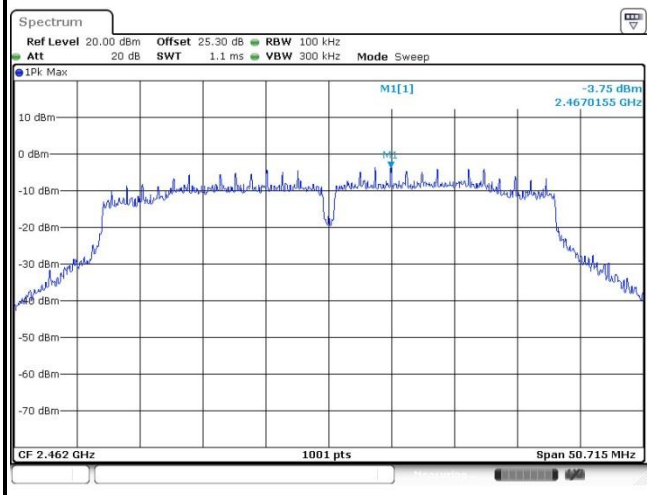
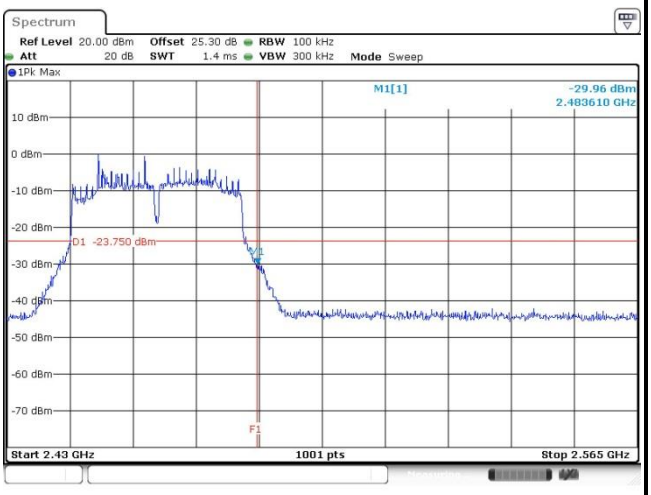
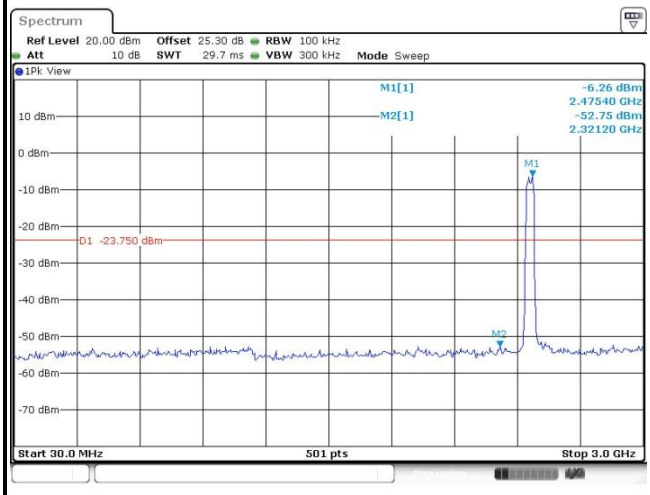
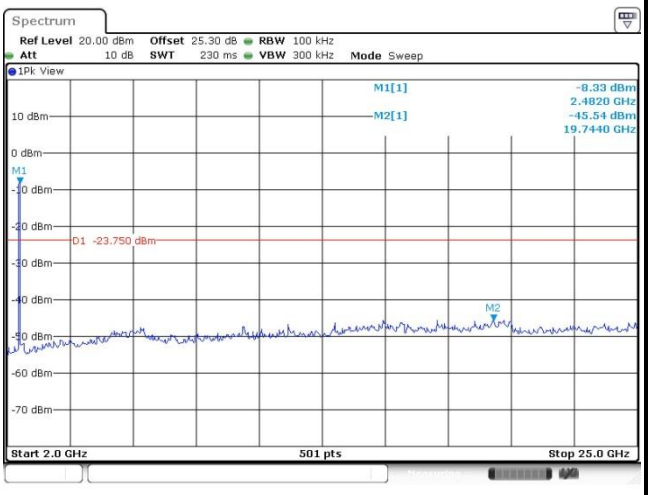
WLAN 802.11n HT40 Channel 03	
100kHz PSD reference Level	**Low Channel Plot**
	
Spurious Emission 30MHz~3GHz	**Spurious Emission 2GHz~25GHz**
	

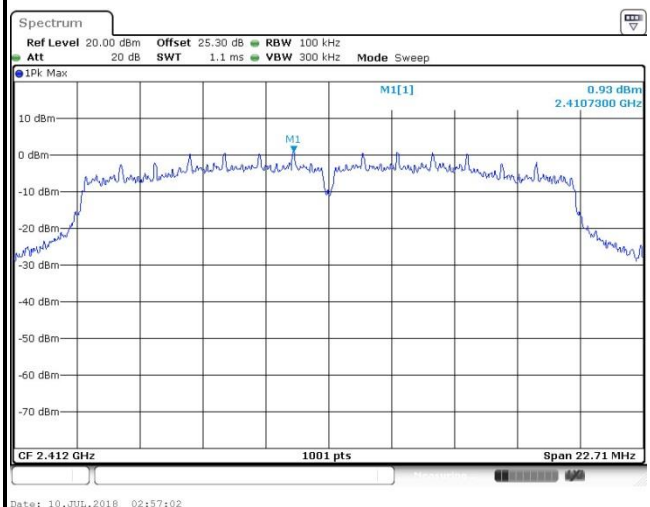
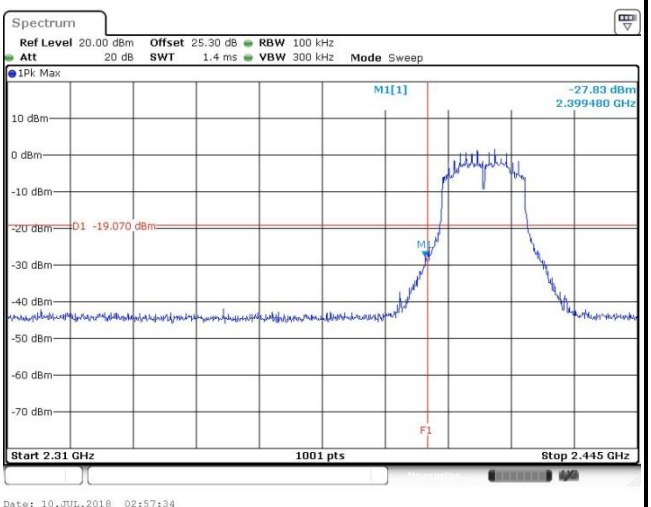
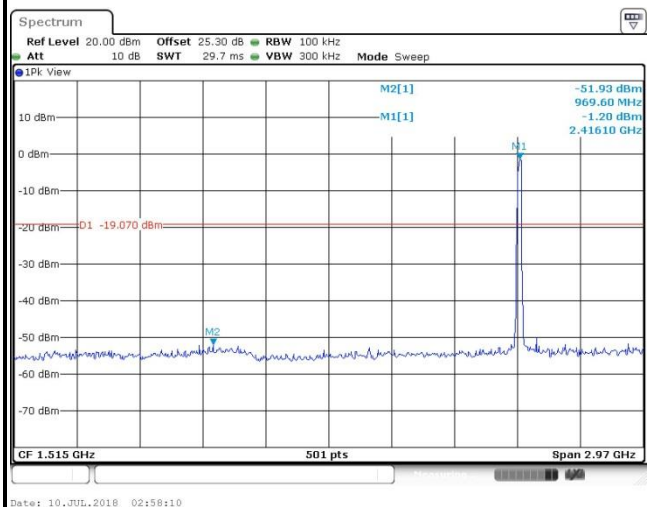
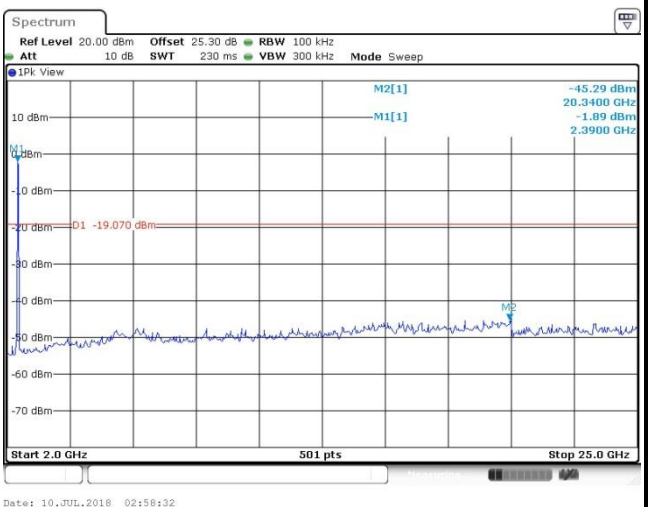
WLAN 802.11n HT40 Channel 06	
100kHz PSD reference Level	**Mid Channel Plot**
	
Spurious Emission 30MHz~3GHz	**Spurious Emission 2GHz~25GHz**
	

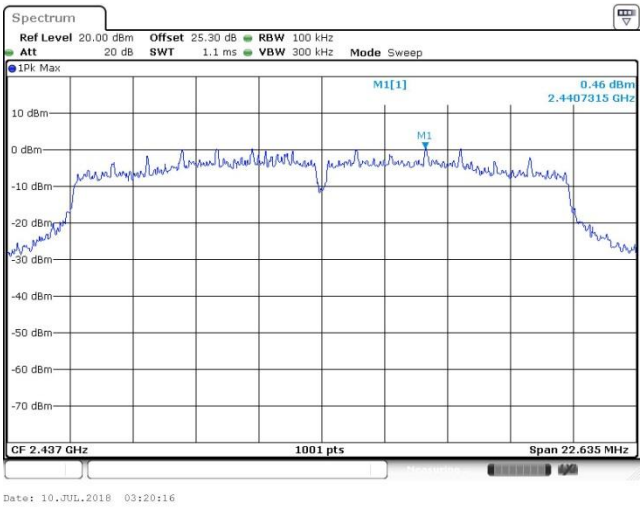
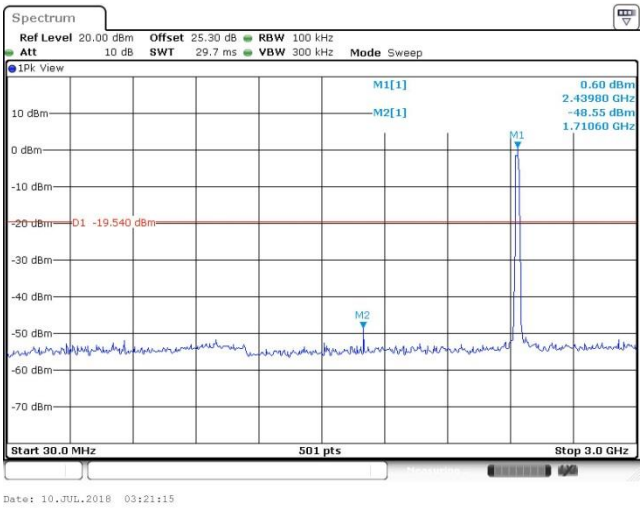
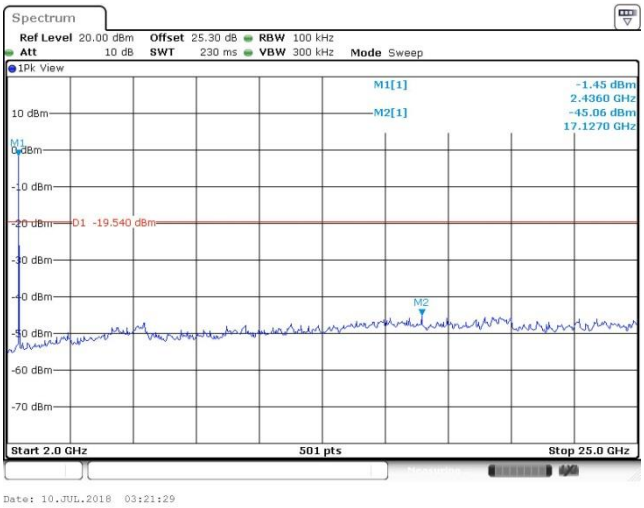
WLAN 802.11n HT40 Channel 09	
100kHz PSD reference Level	High Channel Plot
	
Spurious Emission 30MHz~3GHz	Spurious Emission 2GHz~25GHz
	

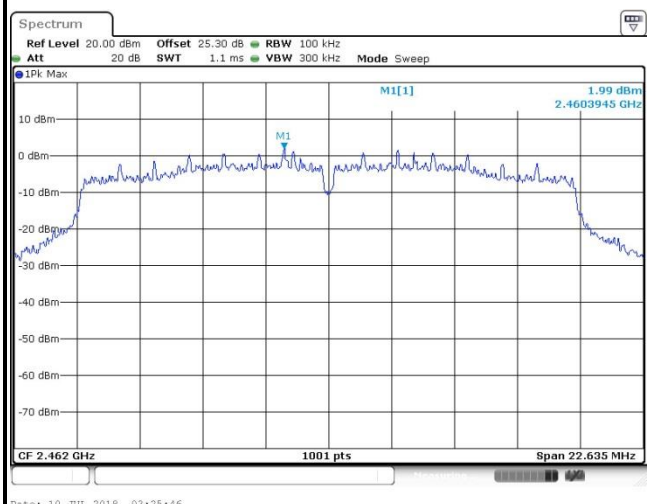
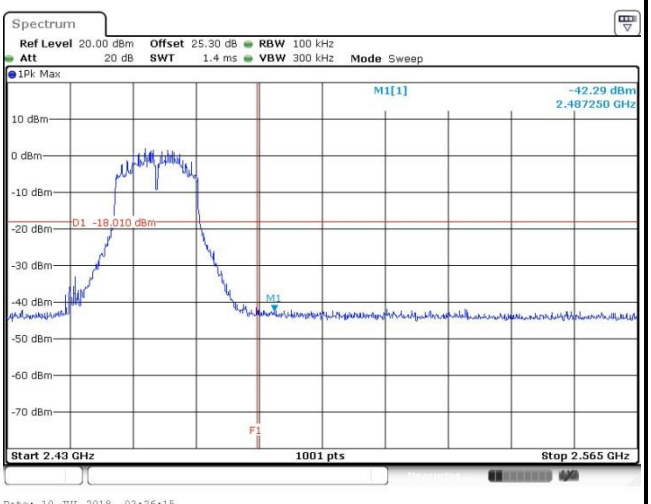
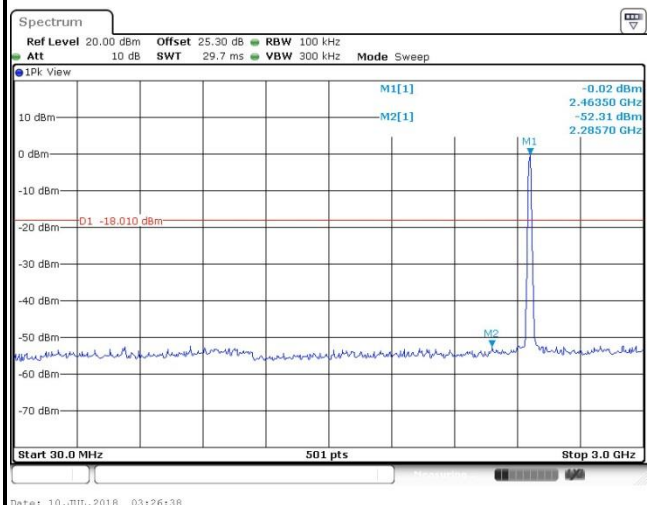
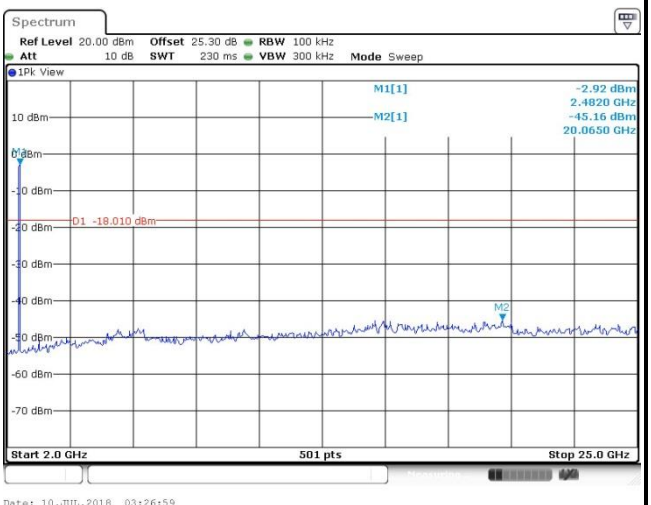
WLAN 802.11n HT40 Channel 10	
100kHz PSD reference Level	**High Channel Plot**
	
Spurious Emission 30MHz~3GHz	**Spurious Emission 2GHz~25GHz**
	

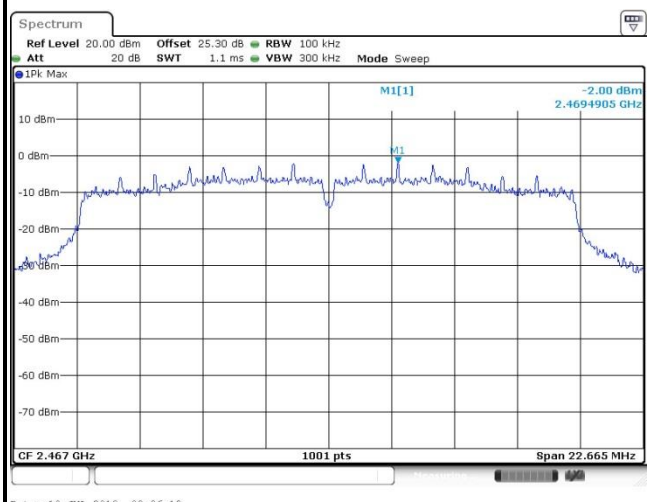
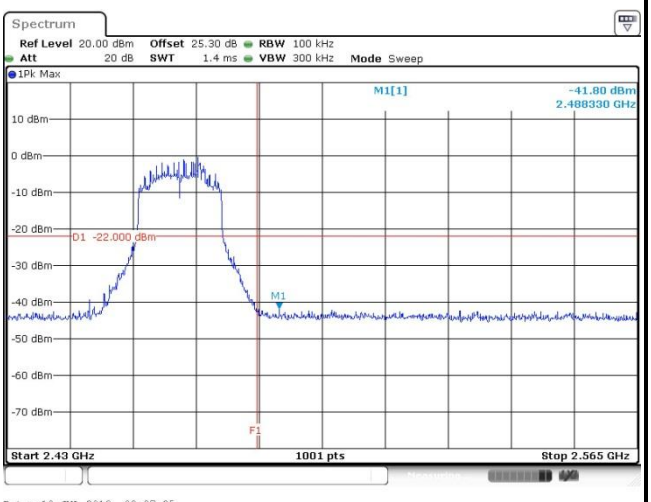
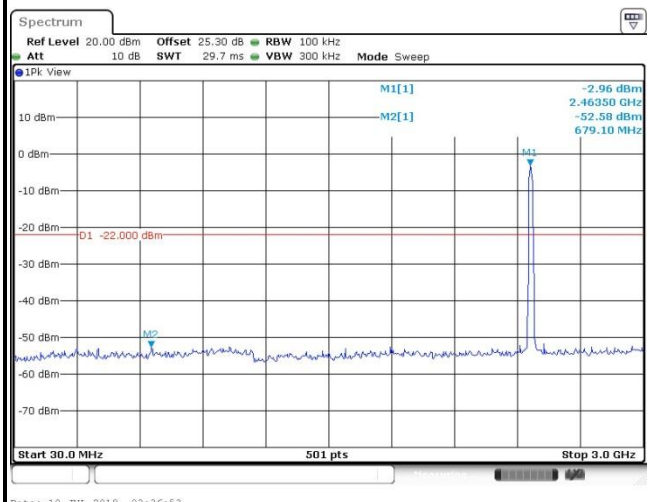
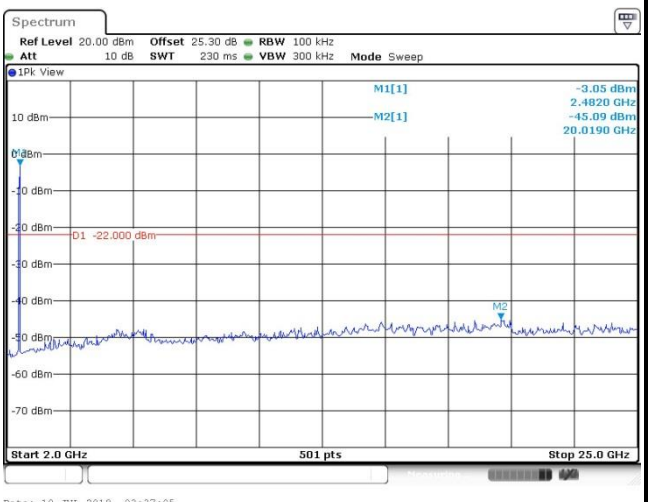
WLAN 802.11n HT40 Channel 11	
100kHz PSD reference Level	**High Channel Plot**
	
Spurious Emission 30MHz~3GHz	**Spurious Emission 2GHz~25GHz**
	

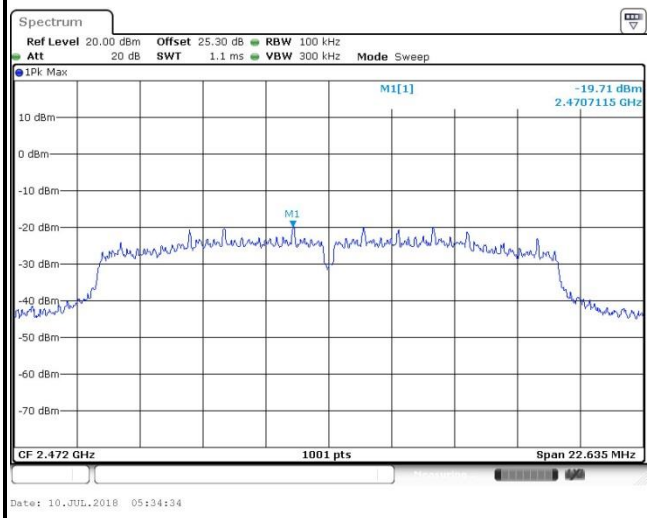
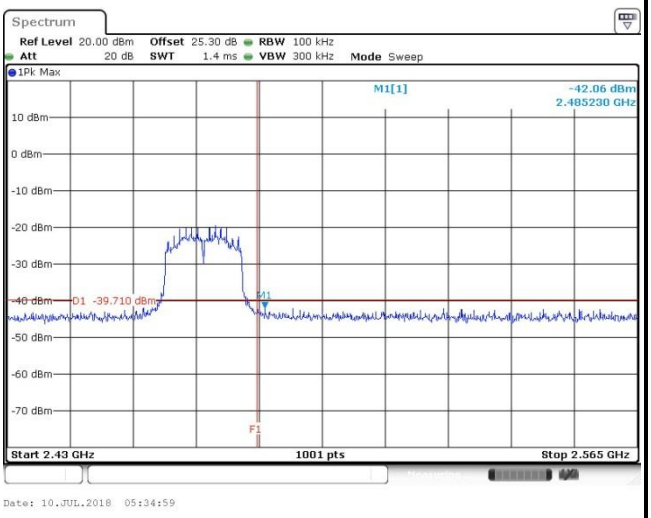
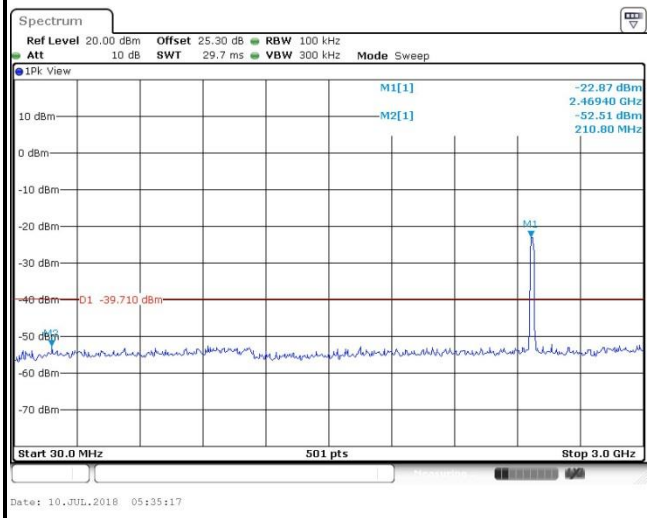
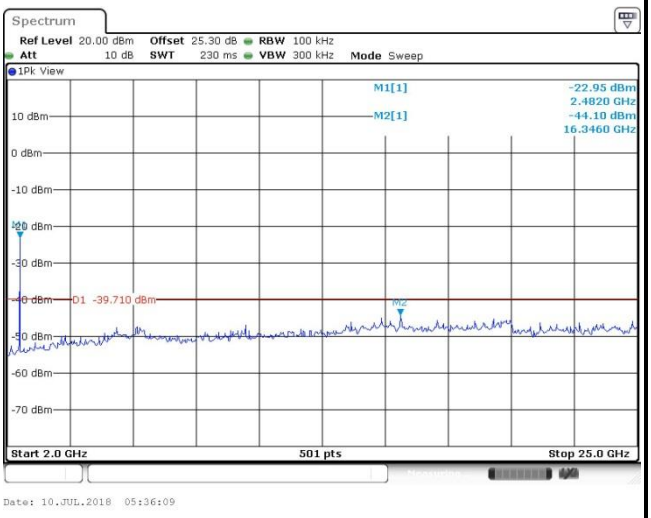
Number of TX = 2, Ant. 2 (Measured)

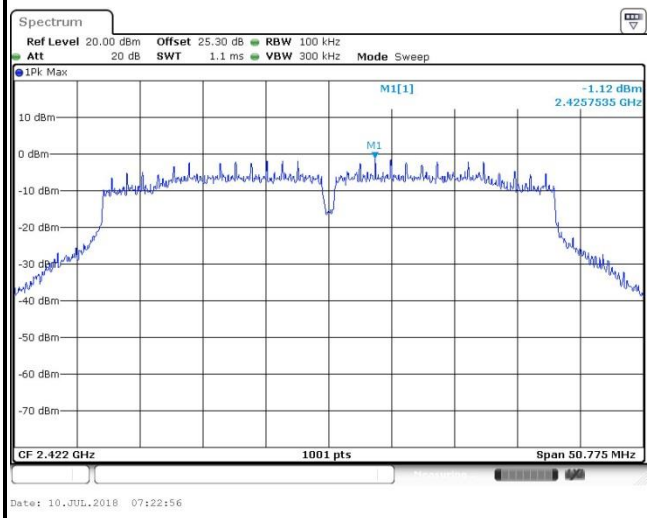
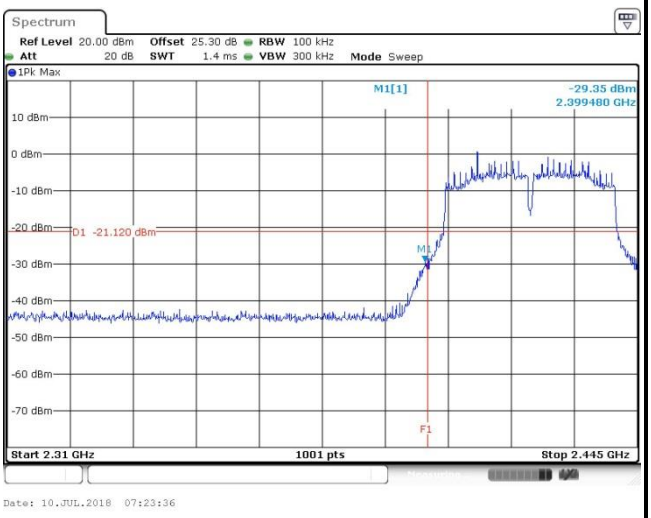
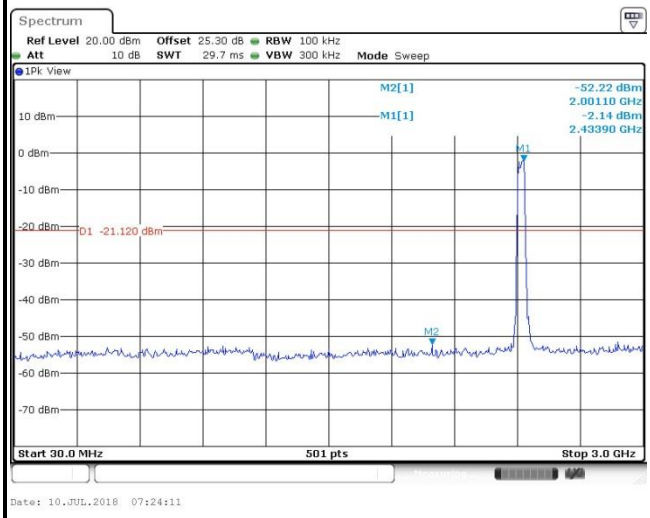
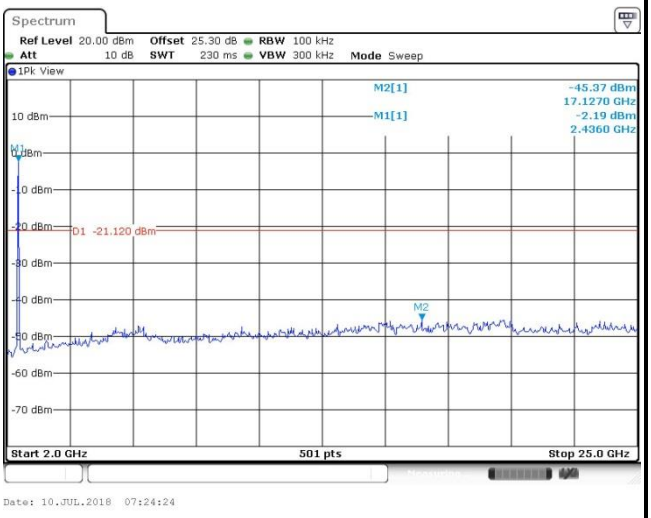
WLAN 802.11n HT20 Channel 01	
100kHz PSD reference Level	**Low Channel Plot**
	
Spurious Emission 30MHz~3GHz	**Spurious Emission 2GHz~25GHz**
	

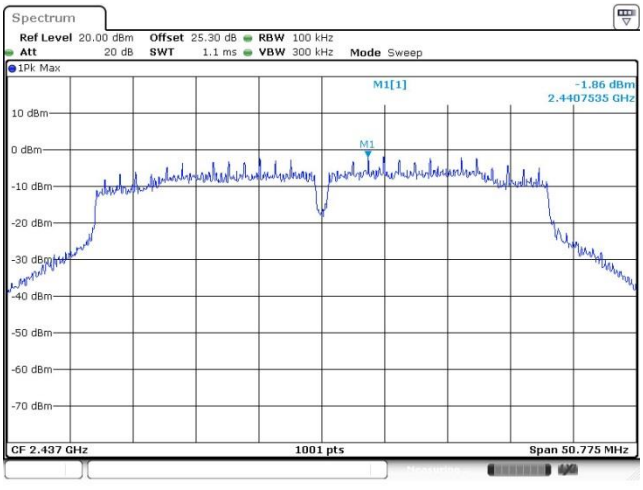
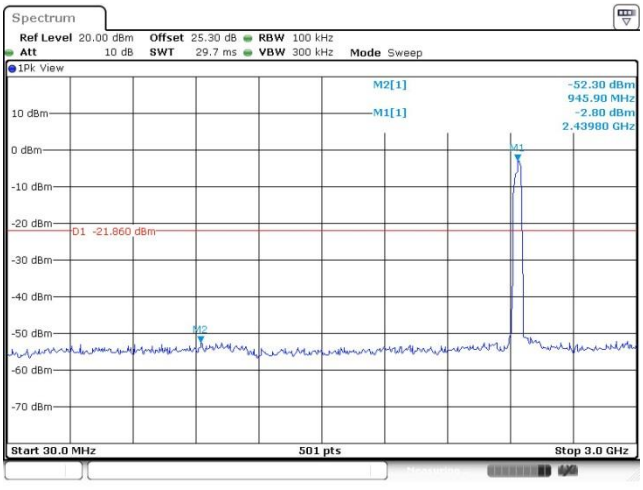
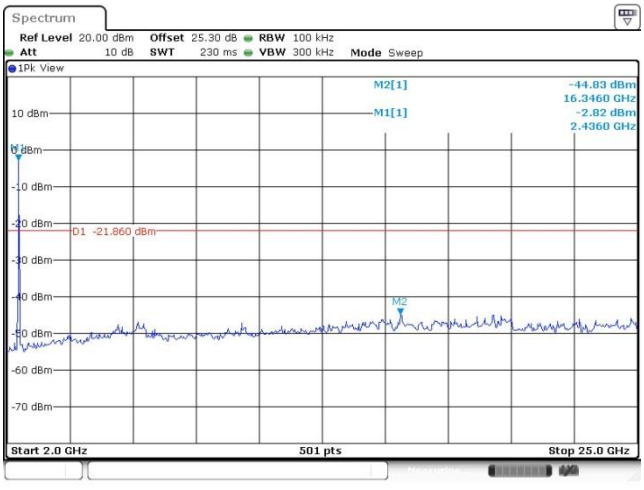
WLAN 802.11n HT20 Channel 06	
100kHz PSD reference Level	**Mid Channel Plot**
	
Spurious Emission 30MHz~3GHz	**Spurious Emission 2GHz~25GHz**
	

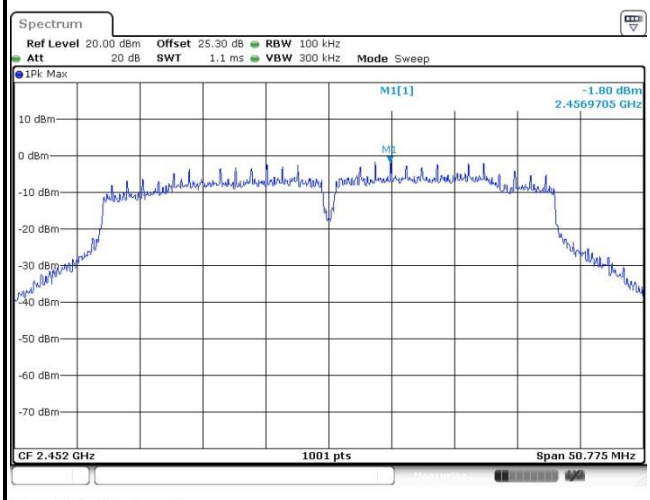
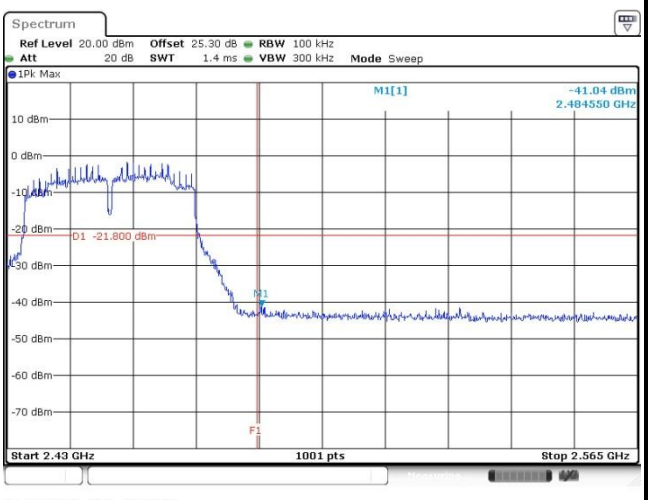
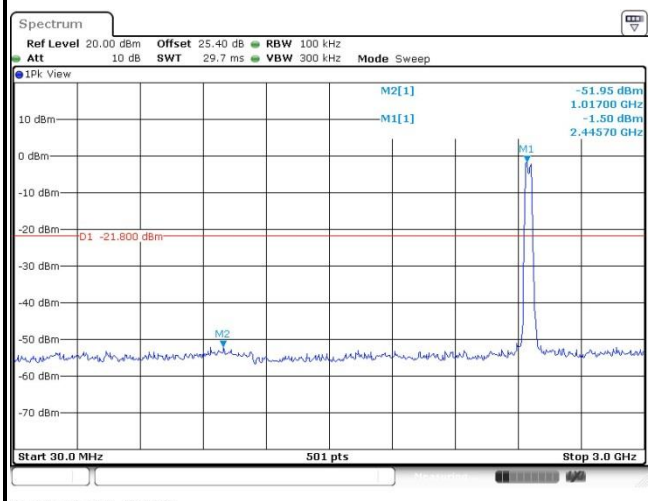
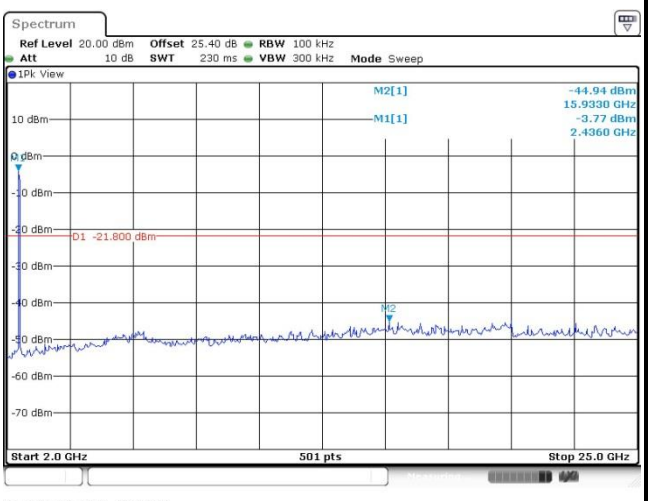
WLAN 802.11n HT20 Channel 11	
100kHz PSD reference Level	High Channel Plot
	
Spurious Emission 30MHz~3GHz	Spurious Emission 2GHz~25GHz
	

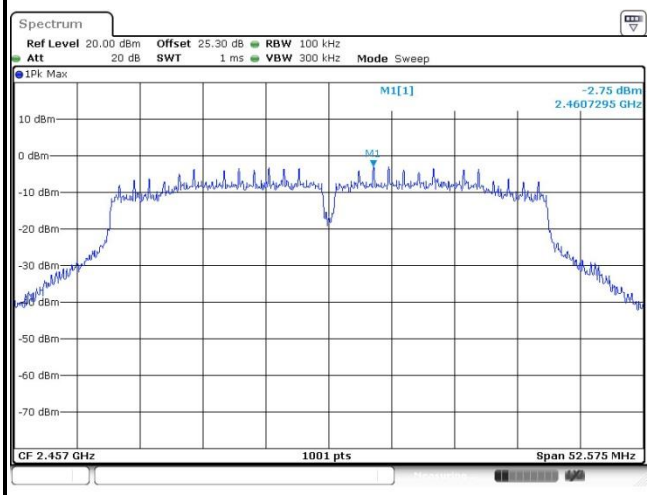
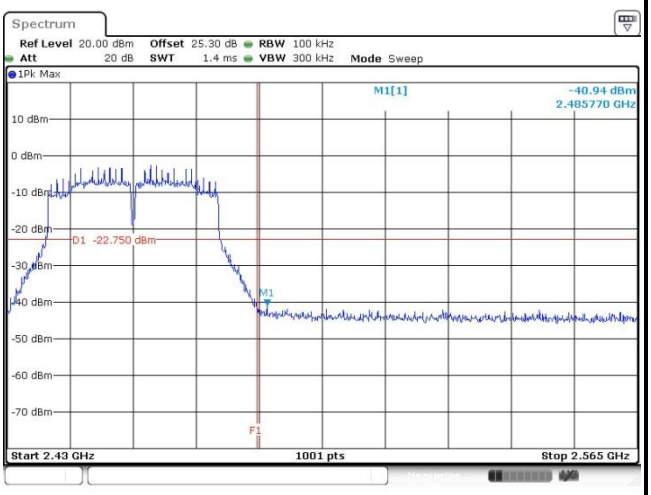
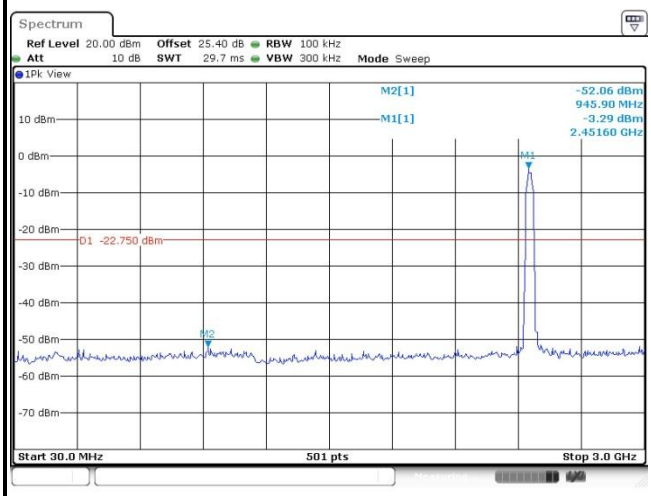
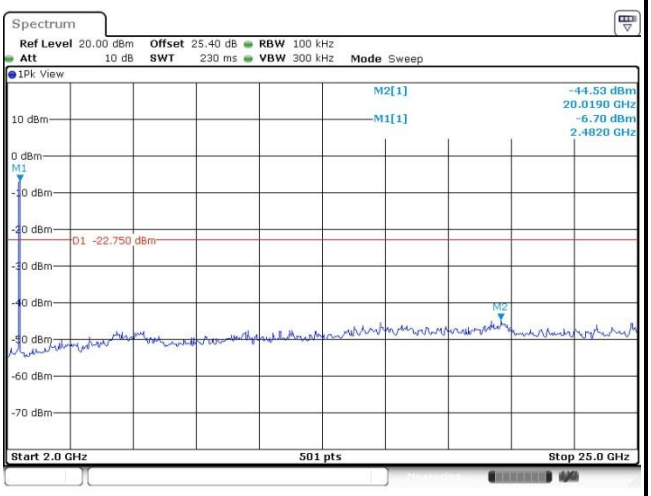
WLAN 802.11n HT20 Channel 12	
100kHz PSD reference Level	**High Channel Plot**
	
Spurious Emission 30MHz~3GHz	**Spurious Emission 2GHz~25GHz**
	

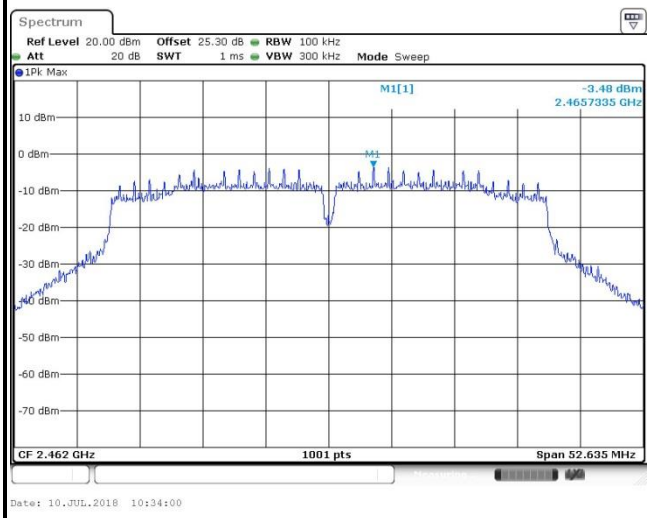
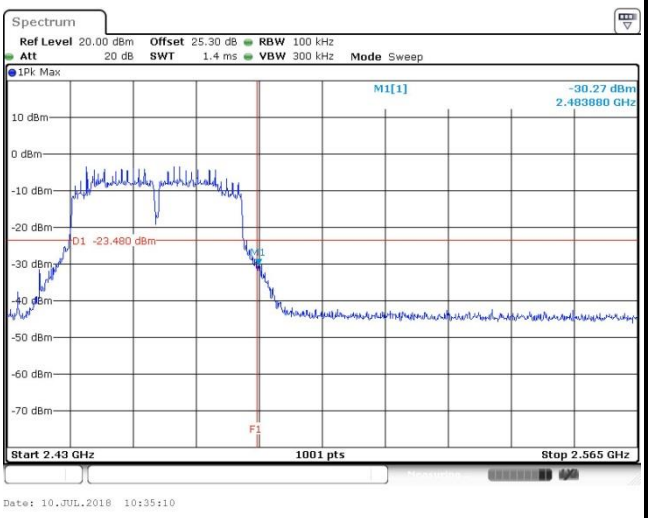
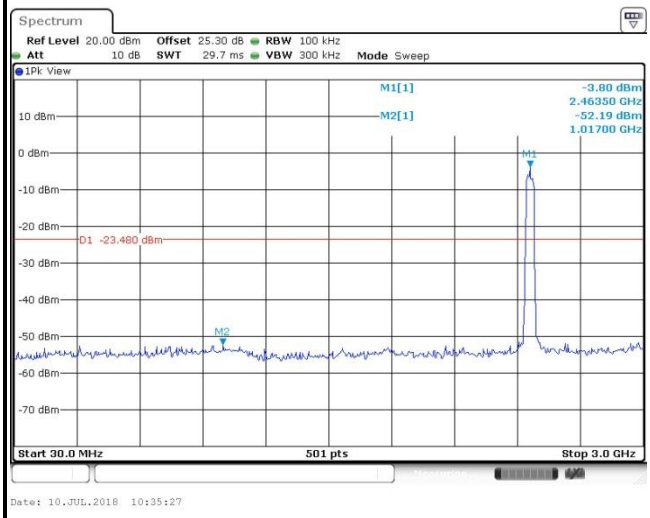
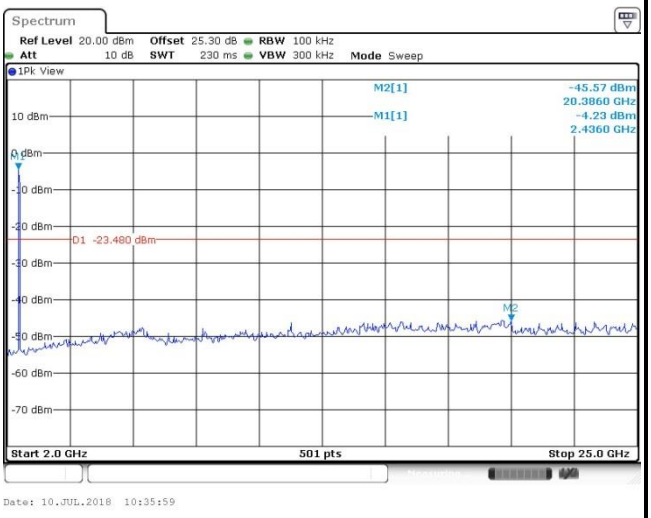
WLAN 802.11n HT20 Channel 13	
100kHz PSD reference Level	**High Channel Plot**
	
Spurious Emission 30MHz~3GHz	**Spurious Emission 2GHz~25GHz**
	

WLAN 802.11n HT40 Channel 03	
100kHz PSD reference Level	**Low Channel Plot**
	
Spurious Emission 30MHz~3GHz	**Spurious Emission 2GHz~25GHz**
	

WLAN 802.11n HT40 Channel 06	
100kHz PSD reference Level	**Mid Channel Plot**
	
Spurious Emission 30MHz~3GHz	**Spurious Emission 2GHz~25GHz**
	

WLAN 802.11n HT40 Channel 09	
100kHz PSD reference Level	**High Channel Plot**
	
Spurious Emission 30MHz~3GHz	**Spurious Emission 2GHz~25GHz**
	

WLAN 802.11n HT40 Channel 10	
100kHz PSD reference Level	High Channel Plot
	
Spurious Emission 30MHz~3GHz	Spurious Emission 2GHz~25GHz
	

WLAN 802.11n HT40 Channel 11	
100kHz PSD reference Level	**High 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

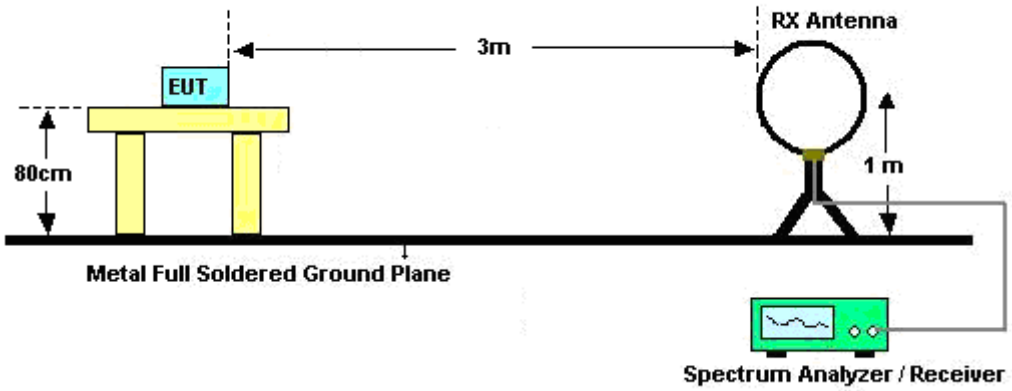
See list of measuring equipment of this test report.

3.5.3 Test Procedures

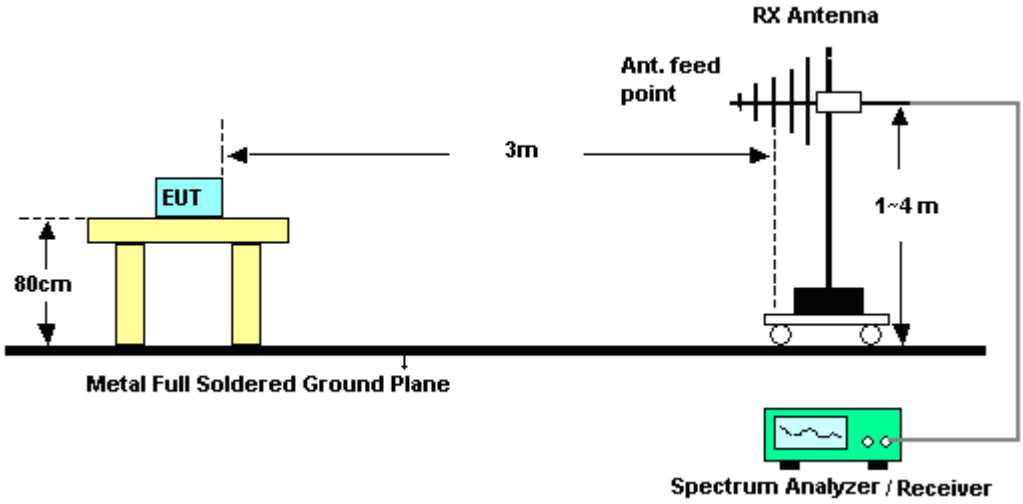
1. The testing follows FCC KDB Publication No. 558074 D01 DTS Meas. Guidance v04.
2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test 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

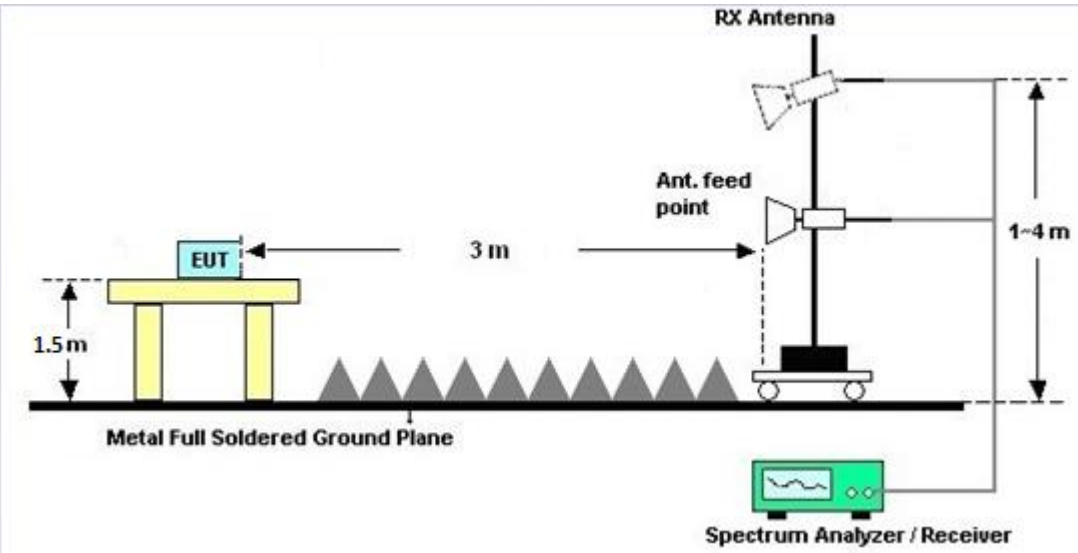
For radiated emissions below 30MHz



For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz



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 semi-Anechoic chamber, and the result came out very similar.

3.5.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C and D.

3.5.7 Duty Cycle

Please refer to Appendix E.

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

Please refer to Appendix C and D.

3.6 AC Conducted Emission Measurement

3.6.1 Limit of AC Conducted Emission

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

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

*Decreases with the logarithm of the frequency.

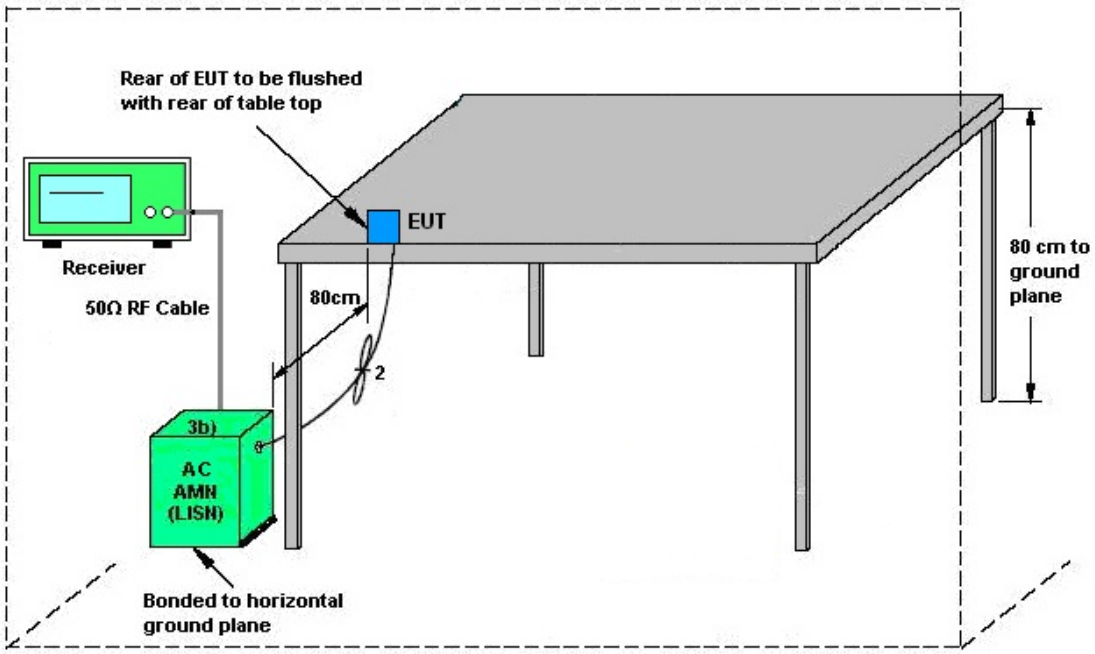
3.6.2 Measuring Instruments

See list of measuring equipment of this test report.

3.6.3 Test Procedures

1. The EUT was placed 0.4 meter from the conducting wall of the shielding room, and it was kept at least 80 centimeters from any other grounded conducting surface.
2. Connect EUT to the power mains through a line impedance stabilization network (LISN).
3. All the support units are connecting to the other LISN.
4. The LISN provides 50 ohm coupling impedance for the measuring instrument.
5. The FCC states that a 50 ohm, 50 microhenry LISN 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



AMN = Artificial mains network (LISN)
AE = Associated equipment
EUT = Equipment under test
ISN = Impedance stabilization network

3.6.5 Test Result of AC Conducted Emission

Please refer to Appendix B.

3.7 Antenna Requirements

3.7.1 Standard Applicable

If directional gain of transmitting Antennas is greater than 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	2.96	1.83	2.96	5.42	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	1240001	N/A	Sep. 07, 2017	Jun. 19, 2018~ Aug. 02, 2018	Sep. 06, 2018	Conducted (TH05-HY)
Power Sensor	Anritsu	MA2411B	1207349	300MHz~40GHz	Sep. 07, 2017	Jun. 19, 2018~ Aug. 02, 2018	Sep. 06, 2018	Conducted (TH05-HY)
Spectrum Analyzer	Rohde & Schwarz	FSP40	100057	9kHz-40GHz	Nov. 21, 2017	Jun. 19, 2018~ Aug. 02, 2018	Nov. 20, 2018	Conducted (TH05-HY)
Switch Box & RF Cable	Burgeon	ETF-058	EC1300484	N/A	Mar. 01, 2018	Jun. 19, 2018~ Aug. 02, 2018	Feb. 28, 2019	Conducted (TH05-HY)
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Jul. 02, 2018	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	3.6GHz	Dec. 08, 2017	Jul. 02, 2018	Dec. 07, 2018	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100080	9kHz~30MHz	Nov. 30, 2017	Jul. 02, 2018	Nov. 29, 2018	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100081	9kHz~30MHz	Dec. 08, 2017	Jul. 02, 2018	Dec. 07, 2018	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Jul. 02, 2018	N/A	Conduction (CO05-HY)
LF Cable	HUBER + SUHNER	RG-214/U	LF01	N/A	Jan. 03, 2018	Jul. 02, 2018	Jan. 02, 2019	Conduction (CO05-HY)
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100851	N/A	Jan. 03, 2018	Jul. 02, 2018	Jan. 02, 2019	Conduction (CO05-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~30 MHz	Nov. 10, 2017	Jul. 26, 2018~ Jul. 30, 2018	Nov. 09, 2018	Radiation (03CH07-HY)
Bilog Antenna	TESEQ	CBL 6111D&00800 N1D01N-06	35419&03	30MHz to 1GHz	Dec. 18, 2017	Jul. 26, 2018~ Jul. 30, 2018	Dec. 17, 2018	Radiation (03CH07-HY)
Double Ridge Horn Antenna	ESCO	3117	00075962	1GHz ~ 18GHz	Aug. 23, 2017	Jul. 26, 2018~ Jul. 30, 2018	Aug. 22, 2018	Radiation (03CH07-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170251	18GHz- 40GHz	Nov. 10, 2017	Jul. 26, 2018~ Jul. 30, 2018	Nov. 09, 2018	Radiation (03CH07-HY)
Preamplifier	COM-POWER	PA-103A	161241	10MHz-1GHz	May 21, 2018	Jul. 26, 2018~ Jul. 30, 2018	May 20, 2019	Radiation (03CH07-HY)
Preamplifier	MITEQ	AMF-7D-00101800-30-10P	1590075	1GHz ~ 18GHz	Apr. 25, 2018	Jul. 26, 2018~ Jul. 30, 2018	Apr. 24, 2019	Radiation (03CH07-HY)
Preamplifier	Agilent	8449B	3008A02362	1GHz~ 26.5GHz	Oct. 30, 2017	Jul. 26, 2018~ Jul. 30, 2018	Oct. 29, 2018	Radiation (03CH07-HY)
Amplifier	MITEQ	TTA1840-35-HG	1871923	18GHz~40GHz, VSWR : 2.5:1 max	Jul. 16, 2018	Jul. 26, 2018~ Jul. 30, 2018	Jul. 15, 2019	Radiation (03CH07-HY)
EMI Test Receiver	Agilent	N9038A(MXE)	MY53290053	20Hz to 26.5GHz	Jan. 16, 2018	Jul. 26, 2018~ Jul. 30, 2018	Jan. 15, 2019	Radiation (03CH07-HY)
Spectrum Analyzer	Agilent	N9010A	MY53470118	10Hz~44GHz	Apr. 17, 2018	Jul. 26, 2018~ Jul. 30, 2018	Apr. 16, 2019	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	Jul. 26, 2018~ Jul. 30, 2018	Jan. 01, 2019	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY28655/4, MY24971/4, MY15682/4	30MHz~1GHz	Feb. 27, 2018	Jul. 26, 2018~ Jul. 30, 2018	Feb. 26, 2019	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY28655/4, MY24971/4, MY15682/4	1GHz~18GHz	Feb. 27, 2018	Jul. 26, 2018~ Jul. 30, 2018	Feb. 26, 2019	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY2858/2	18GHz~40GHz	Feb. 27, 2018	Jul. 26, 2018~ Jul. 30, 2018	Feb. 26, 2019	Radiation (03CH07-HY)
Antenna Mast	Max-Full	MFA520BS	N/A	1m~4m	N/A	Jul. 26, 2018~ Jul. 30, 2018	N/A	Radiation (03CH07-HY)
Turn Table	ChainTek	Chaintek 3000	N/A	0~360 Degree	N/A	Jul. 26, 2018~ Jul. 30, 2018	N/A	Radiation (03CH07-HY)
Software	Audix	E3 6.2009-8 -24	8050400465 6H	N/A	N/A	Jul. 26, 2018~ Jul. 30, 2018	N/A	Radiation (03CH07-HY)

5 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**2.7**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**5.7**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**5.5**

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

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

Appendix A. Test Result of Conducted Test Items

Test Engineer:	Eason Huang/Derek Hsu	Temperature:	21~25	°C
Test Date:	2018/6/19~2018/8/2	Relative Humidity:	51~54	%

TEST RESULTS DATA
6dB and 99% Occupied Bandwidth

2.4GHz Band										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Occupied BW (MHz)		6dB BW (MHz)		6dB BW Limit (MHz)	Pass/Fail
					Ant 1	Ant 2	Ant 1	Ant 2		
11b	1Mbps	1	1	2412	13.74	-	10.09	-	0.50	Pass
11b	1Mbps	1	6	2437	13.69	-	10.07	-	0.50	Pass
11b	1Mbps	1	11	2462	13.54	-	8.71	-	0.50	Pass
11b	1Mbps	1	12	2467	13.69	-	10.11	-	0.50	Pass
11b	1Mbps	1	13	2472	13.89	-	10.05	-	0.50	Pass
11g	6Mbps	1	1	2412	16.73	-	15.11	-	0.50	Pass
11g	6Mbps	1	6	2437	16.73	-	15.09	-	0.50	Pass
11g	6Mbps	1	11	2462	16.68	-	15.45	-	0.50	Pass
11g	6Mbps	1	12	2467	16.83	-	15.09	-	0.50	Pass
11g	6Mbps	1	13	2472	17.83	-	14.45	-	0.50	Pass
HT20	MCS0	1	1	2412	17.83	-	15.11	-	0.50	Pass
HT20	MCS0	1	6	2437	17.88	-	15.09	-	0.50	Pass
HT20	MCS0	1	11	2462	17.83	-	15.94	-	0.50	Pass
HT20	MCS0	1	12	2467	17.93	-	16.52	-	0.50	Pass
HT20	MCS0	1	13	2472	19.98	-	16.28	-	0.50	Pass
HT40	MCS0	1	3	2422	36.46	-	33.85	-	0.50	Pass
HT40	MCS0	1	6	2437	36.46	-	33.85	-	0.50	Pass
HT40	MCS0	1	9	2452	36.36	-	32.57	-	0.50	Pass
HT40	MCS0	1	10	2457	36.46	-	33.85	-	0.50	Pass
HT40	MCS0	1	11	2462	47.65	-	33.85	-	0.50	Pass
HT20	MCS0	2	1	2412	17.83	17.83	15.56	15.15	0.50	Pass
HT20	MCS0	2	6	2437	17.88	17.88	16.90	15.09	0.50	Pass
HT20	MCS0	2	11	2462	17.78	17.83	15.09	15.09	0.50	Pass
HT20	MCS0	2	12	2467	17.78	17.78	15.11	15.11	0.50	Pass
HT20	MCS0	2	13	2472	32.32	31.77	15.11	15.09	0.50	Pass
HT40	MCS0	2	3	2422	36.46	36.46	35.05	33.85	0.50	Pass
HT40	MCS0	2	6	2437	36.46	36.36	33.85	33.85	0.50	Pass
HT40	MCS0	2	9	2452	36.46	36.36	30.09	33.85	0.50	Pass
HT40	MCS0	2	10	2457	36.36	36.36	32.57	35.05	0.50	Pass
HT40	MCS0	2	11	2462	36.46	36.46	33.81	35.09	0.50	Pass

Report Number : FR391803-51C

TEST RESULTS DATA
Peak Output Power

2.4GHz Band																
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	Peak Conducted Power (dBm)			Conducted Power Limit (dBm)		DG (dBi)		EIRP Power (dBm)		EIRP Power Limit (dBm)		Pass /Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
11b	1Mbps	1	1	2412	16.45	-	-	30.00	30.00	2.96	1.83	19.41	-	36.00	-	Pass
11b	1Mbps	1	6	2437	16.41	-	-	30.00	30.00	2.96	1.83	19.37	-	36.00	-	Pass
11b	1Mbps	1	11	2462	16.36	-	-	30.00	30.00	2.96	1.83	19.32	-	36.00	-	Pass
11b	1Mbps	1	12	2467	15.60	-	-	30.00	30.00	2.96	1.83	18.56	-	36.00	-	Pass
11b	1Mbps	1	13	2472	9.92	-	-	30.00	30.00	2.96	1.83	12.88	-	36.00	-	Pass
11g	6Mbps	1	1	2412	19.13	-	-	30.00	30.00	2.96	1.83	22.09	-	36.00	-	Pass
11g	6Mbps	1	6	2437	19.10	-	-	30.00	30.00	2.96	1.83	22.06	-	36.00	-	Pass
11g	6Mbps	1	11	2462	19.06	-	-	30.00	30.00	2.96	1.83	22.02	-	36.00	-	Pass
11g	6Mbps	1	12	2467	16.04	-	-	30.00	30.00	2.96	1.83	19.00	-	36.00	-	Pass
11g	6Mbps	1	13	2472	3.32	-	-	30.00	30.00	2.96	1.83	6.28	-	36.00	-	Pass
HT20	MCS0	1	1	2412	19.15	-	-	30.00	30.00	2.96	1.83	22.11	-	36.00	-	Pass
HT20	MCS0	1	6	2437	19.12	-	-	30.00	30.00	2.96	1.83	22.08	-	36.00	-	Pass
HT20	MCS0	1	11	2462	19.14	-	-	30.00	30.00	2.96	1.83	22.10	-	36.00	-	Pass
HT20	MCS0	1	12	2467	15.51	-	-	30.00	30.00	2.96	1.83	18.47	-	36.00	-	Pass
HT20	MCS0	1	13	2472	3.25	-	-	30.00	30.00	2.96	1.83	6.21	-	36.00	-	Pass
HT40	MCS0	1	3	2422	17.73	-	-	30.00	30.00	2.96	1.83	20.69	-	36.00	-	Pass
HT40	MCS0	1	6	2437	17.88	-	-	30.00	30.00	2.96	1.83	20.84	-	36.00	-	Pass
HT40	MCS0	1	9	2452	18.05	-	-	30.00	30.00	2.96	1.83	21.01	-	36.00	-	Pass
HT40	MCS0	1	10	2457	14.22	-	-	30.00	30.00	2.96	1.83	17.18	-	36.00	-	Pass
HT40	MCS0	1	11	2462	2.88	-	-	30.00	30.00	2.96	1.83	5.84	-	36.00	-	Pass
HT20	MCS0	2	1	2412	16.05	17.12	19.63	30.00		2.96		22.59		36.00		Pass
HT20	MCS0	2	6	2437	16.25	16.97	19.64	30.00		2.96		22.60		36.00		Pass
HT20	MCS0	2	11	2462	15.96	17.17	19.62	30.00		2.96		22.58		36.00		Pass
HT20	MCS0	2	12	2467	12.21	13.83	16.11	30.00		2.96		19.07		36.00		Pass
HT20	MCS0	2	13	2472	1.85	2.35	5.12	30.00		2.96		8.08		36.00		Pass
HT40	MCS0	2	3	2422	14.27	15.14	17.74	30.00		2.96		20.70		36.00		Pass
HT40	MCS0	2	6	2437	14.24	15.50	17.93	30.00		2.96		20.89		36.00		Pass
HT40	MCS0	2	9	2452	14.21	15.37	17.84	30.00		2.96		20.80		36.00		Pass
HT40	MCS0	2	10	2457	13.05	14.26	16.71	30.00		2.96		19.67		36.00		Pass
HT40	MCS0	2	11	2462	1.76	2.24	5.02	30.00		2.96		7.98		36.00		Pass

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

TEST RESULTS DATA
Average Output Power

2.4GHz Band									
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power (dBm)		
					Ant 1	Ant 2	Ant 1	Ant 2	SUM
11b	1Mbps	1	1	2412	0.04	-	13.70	-	
11b	1Mbps	1	6	2437	0.04	-	13.67	-	
11b	1Mbps	1	11	2462	0.04	-	13.65	-	
11b	1Mbps	1	12	2467	0.04	-	13.07	-	
11b	1Mbps	1	13	2472	0.04	-	6.88	-	
11g	6Mbps	1	1	2412	0.06	-	13.69	-	
11g	6Mbps	1	6	2437	0.06	-	13.66	-	
11g	6Mbps	1	11	2462	0.06	-	13.63	-	
11g	6Mbps	1	12	2467	0.06	-	11.13	-	
11g	6Mbps	1	13	2472	0.06	-	-4.01	-	
HT20	MCS0	1	1	2412	0.07	-	13.72	-	-
HT20	MCS0	1	6	2437	0.07	-	13.68	-	
HT20	MCS0	1	11	2462	0.07	-	13.71	-	
HT20	MCS0	1	12	2467	0.07	-	10.30	-	
HT20	MCS0	1	13	2472	0.07	-	-4.23	-	
HT40	MCS0	1	3	2422	0.14	-	13.24	-	
HT40	MCS0	1	6	2437	0.14	-	13.41	-	
HT40	MCS0	1	9	2452	0.14	-	13.49	-	
HT40	MCS0	1	10	2457	0.14	-	10.26	-	
HT40	MCS0	1	11	2462	0.14	-	-5.59	-	
HT20	MCS0	2	1	2412	0.08	0.07	10.68	11.77	14.27
HT20	MCS0	2	6	2437	0.08	0.07	10.99	11.63	14.33
HT20	MCS0	2	11	2462	0.08	0.07	10.55	11.77	14.21
HT20	MCS0	2	12	2467	0.08	0.07	6.97	8.46	10.79
HT20	MCS0	2	13	2472	0.08	0.07	-7.36	-6.56	-3.93
HT40	MCS0	2	3	2422	0.16	0.16	10.51	11.57	14.08
HT40	MCS0	2	6	2437	0.16	0.16	10.44	11.79	14.18
HT40	MCS0	2	9	2452	0.16	0.16	10.39	11.77	14.14
HT40	MCS0	2	10	2457	0.16	0.16	8.76	10.43	12.69
HT40	MCS0	2	11	2462	0.16	0.16	-7.09	-6.58	-3.82

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

TEST RESULTS DATA
Peak Power Spectral Density

2.4GHz Band												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Peak PSD (dBm/3kHz)			DG (dBi)		Peak PSD Limit (dBm/3kHz)		Pass/Fail
					Ant 1	Ant 2	Worse + 3.01	Ant 1	Ant 2	Ant 1	Ant 2	
11b	1Mbps	1	1	2412	-9.70	-	-	2.96	1.83	8.00	8.00	Pass
11b	1Mbps	1	6	2437	-9.93	-	-	2.96	1.83	8.00	8.00	Pass
11b	1Mbps	1	11	2462	-10.12	-	-	2.96	1.83	8.00	8.00	Pass
11b	1Mbps	1	12	2467	-10.49	-	-	2.96	1.83	8.00	8.00	Pass
11b	1Mbps	1	13	2472	-16.94	-	-	2.96	1.83	8.00	8.00	Pass
11g	6Mbps	1	1	2412	-11.99	-	-	2.96	1.83	8.00	8.00	Pass
11g	6Mbps	1	6	2437	-11.64	-	-	2.96	1.83	8.00	8.00	Pass
11g	6Mbps	1	11	2462	-10.91	-	-	2.96	1.83	8.00	8.00	Pass
11g	6Mbps	1	12	2467	-14.66	-	-	2.96	1.83	8.00	8.00	Pass
11g	6Mbps	1	13	2472	-28.42	-	-	2.96	1.83	8.00	8.00	Pass
HT20	MCS0	1	1	2412	-10.37	-	-	2.96	1.83	8.00	8.00	Pass
HT20	MCS0	1	6	2437	-10.92	-	-	2.96	1.83	8.00	8.00	Pass
HT20	MCS0	1	11	2462	-11.69	-	-	2.96	1.83	8.00	8.00	Pass
HT20	MCS0	1	12	2467	-14.69	-	-	2.96	1.83	8.00	8.00	Pass
HT20	MCS0	1	13	2472	-29.50	-	-	2.96	1.83	8.00	8.00	Pass
HT40	MCS0	1	3	2422	-14.03	-	-	2.96	1.83	8.00	8.00	Pass
HT40	MCS0	1	6	2437	-14.35	-	-	2.96	1.83	8.00	8.00	Pass
HT40	MCS0	1	9	2452	-13.22	-	-	2.96	1.83	8.00	8.00	Pass
HT40	MCS0	1	10	2457	-17.95	-	-	2.96	1.83	8.00	8.00	Pass
HT40	MCS0	1	11	2462	-33.23	-	-	2.96	1.83	8.00	8.00	Pass
HT20	MCS0	2	1	2412	-14.12	-13.05	-10.04	5.42		8.00		Pass
HT20	MCS0	2	6	2437	-13.18	-12.37	-9.36	5.42		8.00		Pass
HT20	MCS0	2	11	2462	-14.11	-13.20	-10.19	5.42		8.00		Pass
HT20	MCS0	2	12	2467	-18.57	-16.76	-13.75	5.42		8.00		Pass
HT20	MCS0	2	13	2472	-33.40	-34.85	-30.39	5.42		8.00		Pass
HT40	MCS0	2	3	2422	-17.78	-16.37	-13.36	5.42		8.00		Pass
HT40	MCS0	2	6	2437	-17.40	-16.81	-13.80	5.42		8.00		Pass
HT40	MCS0	2	9	2452	-18.03	-17.10	-14.09	5.42		8.00		Pass
HT40	MCS0	2	10	2457	-18.44	-18.24	-15.23	5.42		8.00		Pass
HT40	MCS0	2	11	2462	-17.63	-19.49	-14.62	5.42		8.00		Pass

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

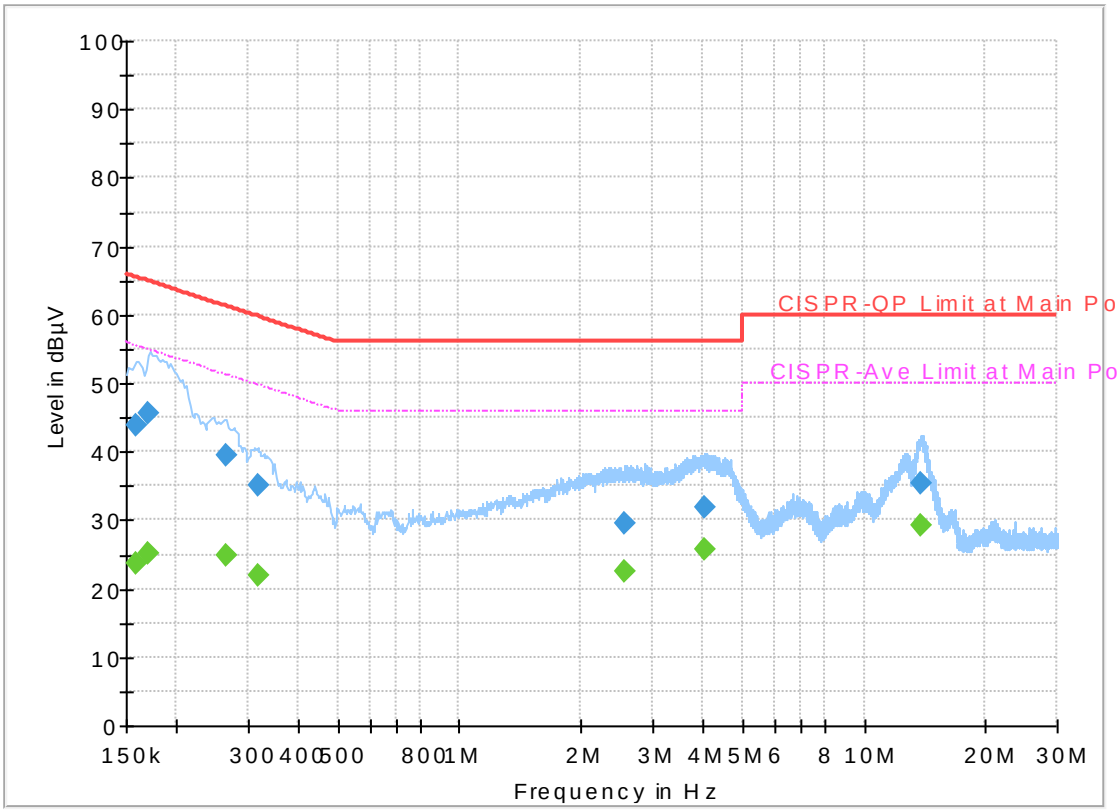
Appendix B. AC Conducted Emission Test Results

Test Engineer :	Kai-Chun Chu	**Temperature :**	25~27℃
		Relative Humidity :	50~52%

EUT Information

Report NO :	391803-51
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Line

Full Spectrum



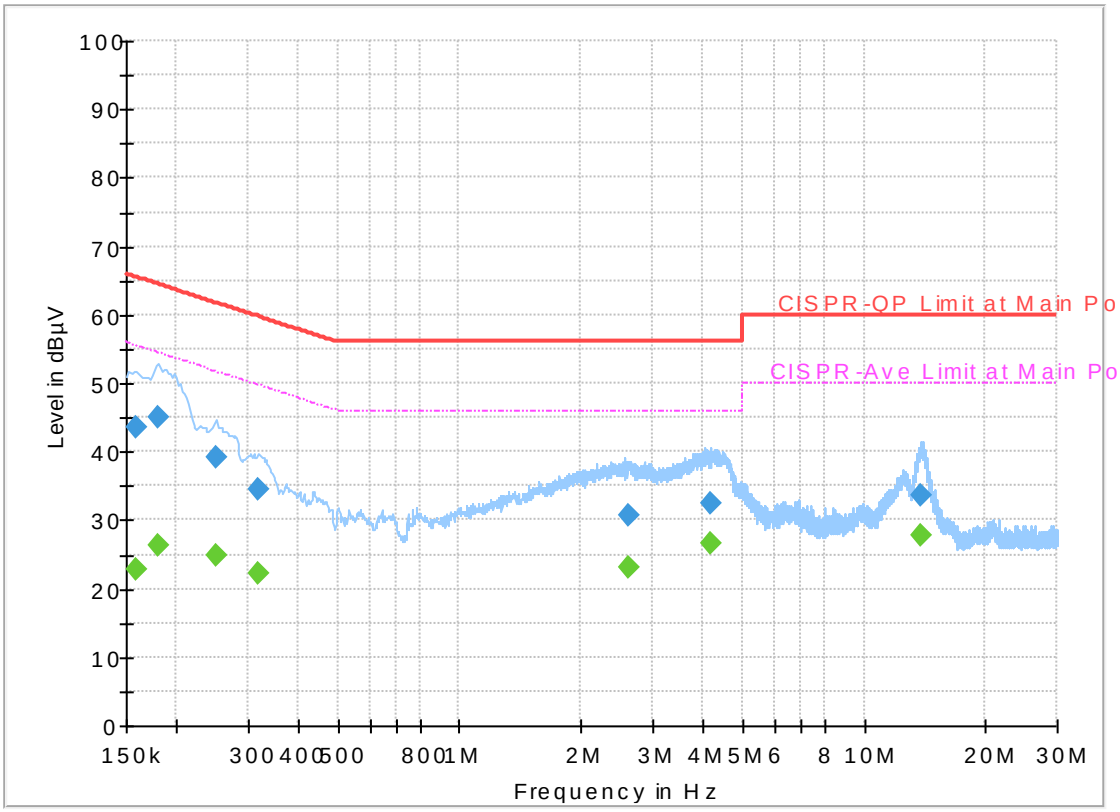
Final_Result

Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.159000	---	23.65	55.52	31.87	L1	OFF	19.5
0.159000	44.00	---	65.52	21.52	L1	OFF	19.5
0.170250	---	25.23	54.95	29.72	L1	OFF	19.5
0.170250	45.66	---	64.95	19.29	L1	OFF	19.5
0.264750	---	24.97	51.28	26.31	L1	OFF	19.5
0.264750	39.47	---	61.28	21.81	L1	OFF	19.5
0.316500	---	21.99	49.80	27.81	L1	OFF	19.5
0.316500	35.22	---	59.80	24.58	L1	OFF	19.5
2.555250	---	22.37	46.00	23.63	L1	OFF	19.5
2.555250	29.65	---	56.00	26.35	L1	OFF	19.5
4.031250	---	25.87	46.00	20.13	L1	OFF	19.6
4.031250	31.80	---	56.00	24.20	L1	OFF	19.6
13.789500	---	29.37	50.00	20.63	L1	OFF	19.7
13.789500	35.33	---	60.00	24.67	L1	OFF	19.7

EUT Information

Report NO :	391803-51
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Neutral

Full Spectrum



Final_Result

Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.159000	---	22.91	55.52	32.61	N	OFF	19.5
0.159000	43.50	---	65.52	22.02	N	OFF	19.5
0.179250	---	26.41	54.52	28.11	N	OFF	19.5
0.179250	45.02	---	64.52	19.50	N	OFF	19.5
0.251250	---	24.97	51.72	26.75	N	OFF	19.5
0.251250	39.16	---	61.72	22.56	N	OFF	19.5
0.316500	---	22.10	49.80	27.70	N	OFF	19.5
0.316500	34.45	---	59.80	25.35	N	OFF	19.5
2.613750	---	23.03	46.00	22.97	N	OFF	19.5
2.613750	30.73	---	56.00	25.27	N	OFF	19.5
4.157250	---	26.55	46.00	19.45	N	OFF	19.6
4.157250	32.47	---	56.00	23.53	N	OFF	19.6
13.818750	---	27.89	50.00	22.11	N	OFF	19.8
13.818750	33.71	---	60.00	26.29	N	OFF	19.8

Appendix C. Radiated Spurious Emission

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

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		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b CH 01 2412MHz		2361.135	54.37	-19.63	74	40.16	31.87	17.37	35.03	271	304	P	H
		2388.33	43.53	-10.47	54	29.19	31.95	17.43	35.04	271	304	A	H
	*	2412	97.69	-	-	83.32	31.99	17.43	35.05	271	304	P	H
	*	2412	94.51	-	-	80.14	31.99	17.43	35.05	271	304	A	H
													H
													H
		2388.12	54.4	-19.6	74	40.06	31.95	17.43	35.04	110	167	P	V
		2385.18	43.51	-10.49	54	29.21	31.91	17.43	35.04	110	167	A	V
	*	2412	94.57	-	-	80.2	31.99	17.43	35.05	110	167	P	V
	*	2412	91.38	-	-	77.01	31.99	17.43	35.05	110	167	A	V
													V
													V
802.11b CH 06 2437MHz		2371.46	54.12	-19.88	74	39.88	31.91	17.37	35.04	331	306	P	H
		2386.72	43.29	-10.71	54	28.95	31.95	17.43	35.04	331	306	A	H
	*	2437	98.22	-	-	83.71	32.08	17.49	35.06	331	306	P	H
	*	2437	94.83	-	-	80.32	32.08	17.49	35.06	331	306	A	H
		2495.45	53.7	-20.3	74	39.03	32.2	17.55	35.08	331	306	P	H
		2486.91	43.9	-10.1	54	29.26	32.16	17.55	35.07	331	306	A	H
		2367.96	54.48	-19.52	74	40.28	31.87	17.37	35.04	150	167	P	V
		2389.1	43.25	-10.75	54	28.91	31.95	17.43	35.04	150	167	A	V
	*	2437	95.91	-	-	81.4	32.08	17.49	35.06	150	167	P	V
	*	2437	93.29	-	-	78.78	32.08	17.49	35.06	150	167	A	V
		2497.48	54.75	-19.25	74	40.08	32.2	17.55	35.08	150	167	P	V
		2485.72	44	-10	54	29.36	32.16	17.55	35.07	150	167	A	V

802.11b CH 11 2462MHz	*	2462	98.52	-	-	83.91	32.12	17.55	35.06	351	300	P	H
	*	2462	95.43	-	-	80.82	32.12	17.55	35.06	351	300	A	H
		2493.16	54.86	-19.14	74	40.19	32.2	17.55	35.08	351	300	P	H
		2483.8	44.93	-9.07	54	30.29	32.16	17.55	35.07	351	300	A	H
													H
													H
	*	2462	97.43	-	-	82.82	32.12	17.55	35.06	209	141	P	V
	*	2462	94.59	-	-	79.98	32.12	17.55	35.06	209	141	A	V
		2490.76	55.31	-18.69	74	40.63	32.2	17.55	35.07	209	141	P	V
		2487.72	44.24	-9.76	54	29.56	32.2	17.55	35.07	209	141	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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 12 2467MHz	*	2467	98.24	-	-	83.64	32.12	17.55	35.07	352	299	P	H
	*	2467	95.06	-	-	80.46	32.12	17.55	35.07	352	299	A	H
		2492.8	55.75	-18.25	74	41.08	32.2	17.55	35.08	352	299	P	H
		2492.84	48.37	-5.63	54	33.7	32.2	17.55	35.08	352	299	A	H
													H
													H
	*	2467	97.01	-	-	82.41	32.12	17.55	35.07	212	141	P	V
	*	2467	93.92	-	-	79.32	32.12	17.55	35.07	212	141	A	V
		2484.56	56.6	-17.4	74	41.96	32.16	17.55	35.07	212	141	P	V
		2484.36	48.98	-5.02	54	34.34	32.16	17.55	35.07	212	141	A	V
													V
													V
802.11b CH 13 2472MHz	*	2472	92.5	-	-	77.86	32.16	17.55	35.07	354	301	P	H
	*	2472	89.44	-	-	74.8	32.16	17.55	35.07	354	301	A	H
		2494.2	55.32	-18.68	74	40.65	32.2	17.55	35.08	354	301	P	H
		2484.68	45.34	-8.66	54	30.7	32.16	17.55	35.07	354	301	A	H
													H
													H
	*	2472	91.68	-	-	77.04	32.16	17.55	35.07	210	143	P	V
	*	2472	88.67	-	-	74.03	32.16	17.55	35.07	210	143	A	V
		2485.64	54.64	-19.36	74	40	32.16	17.55	35.07	210	143	P	V
		2484.76	44.89	-9.11	54	30.25	32.16	17.55	35.07	210	143	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	41.68	-32.32	74	55.81	34.23	10.98	59.34	100	0	P	H
													H
													H
													H
		4824	41.98	-32.02	74	56.11	34.23	10.98	59.34	100	0	P	V
													V
													V
													V
802.11b CH 06 2437MHz		4874	41.15	-32.85	74	55.14	34.22	11.03	59.24	100	0	P	H
		7311	42.59	-31.41	74	51.35	35.71	13.66	58.13	100	0	P	H
													H
													H
		4874	41.23	-32.77	74	55.22	34.22	11.03	59.24	100	0	P	V
		7311	42.67	-31.33	74	51.43	35.71	13.66	58.13	100	0	P	V
													V
													V
802.11b CH 11 2462MHz		4924	42.05	-31.95	74	55.89	34.21	11.09	59.14	100	0	P	H
		7386	43.13	-30.87	74	51.97	35.66	13.76	58.26	100	0	P	H
													H
													H
		4924	42.64	-31.36	74	56.48	34.21	11.09	59.14	100	0	P	V
		7386	42.72	-31.28	74	51.56	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.												

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 12 2467MHz		4934	42.21	-31.79	74	56.05	34.21	11.09	59.14	100	0	P	H
		7404	42.92	-31.08	74	51.79	35.65	13.76	58.28	100	0	P	H
													H
													H
		4934	41.77	-32.23	74	55.61	34.21	11.09	59.14	100	0	P	V
		7401	43.47	-30.53	74	52.34	35.65	13.76	58.28	100	0	P	V
													V
													V
802.11b CH 13 2472MHz		4944	42.19	-31.81	74	55.94	34.21	11.14	59.1	100	0	P	H
		7416	42.84	-31.16	74	51.71	35.65	13.76	58.28	100	0	P	H
													H
													H
		4944	42.14	-31.86	74	55.89	34.21	11.14	59.1	100	0	P	V
		7416	42.88	-31.12	74	51.75	35.65	13.76	58.28	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

2.4GHz 2400~2483.5MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 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)
		2389.905	55.04	-18.96	74	40.71	31.95	17.43	35.05	270	305	P	H
		2390	44.66	-9.34	54	30.33	31.95	17.43	35.05	270	305	A	H
	*	2412	100.78	-	-	86.41	31.99	17.43	35.05	270	305	P	H
	*	2412	92.82	-	-	78.45	31.99	17.43	35.05	270	305	A	H
802.11n													H
HT20													H
CH 01		2321.865	53.86	-20.14	74	39.78	31.79	17.31	35.02	125	169	P	V
2412MHz		2390	43.84	-10.16	54	29.51	31.95	17.43	35.05	125	169	A	V
	*	2412	98.04	-	-	83.67	31.99	17.43	35.05	125	169	P	V
	*	2412	90.22	-	-	75.85	31.99	17.43	35.05	125	169	A	V
													V
													V
		2368.94	54.42	-19.58	74	40.18	31.91	17.37	35.04	330	307	P	H
		2388.82	43.21	-10.79	54	28.87	31.95	17.43	35.04	330	307	A	H
	*	2437	100.78	-	-	86.27	32.08	17.49	35.06	330	307	P	H
	*	2437	93.29	-	-	78.78	32.08	17.49	35.06	330	307	A	H
802.11n		2485.72	54.34	-19.66	74	39.7	32.16	17.55	35.07	330	307	P	H
HT20		2485.72	43.65	-10.35	54	29.01	32.16	17.55	35.07	330	307	A	H
CH 06		2388.96	54.81	-19.19	74	40.47	31.95	17.43	35.04	151	167	P	V
2437MHz		2389.8	43.16	-10.84	54	28.83	31.95	17.43	35.05	151	167	A	V
	*	2437	99.78	-	-	85.27	32.08	17.49	35.06	151	167	P	V
	*	2437	92.17	-	-	77.66	32.08	17.49	35.06	151	167	A	V
		2489.57	54.8	-19.2	74	40.12	32.2	17.55	35.07	151	167	P	V
		2486.7	43.64	-10.36	54	29	32.16	17.55	35.07	151	167	A	V

	*	2462	101.88	-	-	87.27	32.12	17.55	35.06	356	302	P	H
	*	2462	93.38	-	-	78.77	32.12	17.55	35.06	356	302	A	H
		2495.56	56.36	-17.64	74	41.69	32.2	17.55	35.08	356	302	P	H
		2483.52	45.57	-8.43	54	30.93	32.16	17.55	35.07	356	302	A	H
802.11n													H
HT20													H
CH 11	*	2462	100.28	-	-	85.67	32.12	17.55	35.06	210	143	P	V
2462MHz	*	2462	93.15	-	-	78.54	32.12	17.55	35.06	210	143	A	V
		2486.36	56.33	-17.67	74	41.69	32.16	17.55	35.07	210	143	P	V
		2483.52	45.03	-8.97	54	30.39	32.16	17.55	35.07	210	143	A	V
													V
													V

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

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)
	*	2467	99.08	-	-	84.48	32.12	17.55	35.07	353	304	P	H
	*	2467	91.13	-	-	76.53	32.12	17.55	35.07	353	304	A	H
		2483.6	61.09	-12.91	74	46.45	32.16	17.55	35.07	353	304	P	H
		2483.52	47.76	-6.24	54	33.12	32.16	17.55	35.07	353	304	A	H
802.11n													H
HT20													H
CH 12	*	2467	98.88	-	-	84.28	32.12	17.55	35.07	210	142	P	V
2467MHz	*	2467	90.66	-	-	76.06	32.12	17.55	35.07	210	142	A	V
		2483.5	60.14	-13.86	74	45.5	32.16	17.55	35.07	210	142	P	V
		2483.52	47.92	-6.08	54	33.28	32.16	17.55	35.07	210	142	A	V
													V
													V
	*	2472	81.96	-	-	67.32	32.16	17.55	35.07	353	299	P	H
	*	2472	74.27	-	-	59.63	32.16	17.55	35.07	353	299	A	H
		2484.88	61.52	-12.48	74	46.88	32.16	17.55	35.07	353	299	P	H
		2483.52	46.42	-7.58	54	31.78	32.16	17.55	35.07	353	299	A	H
802.11n													H
HT20													H
CH 13	*	2472	81.24	-	-	66.6	32.16	17.55	35.07	213	143	P	V
2472MHz	*	2472	73.74	-	-	59.1	32.16	17.55	35.07	213	143	A	V
		2483.56	59.87	-14.13	74	45.23	32.16	17.55	35.07	213	143	P	V
		2483.52	46.18	-7.82	54	31.54	32.16	17.55	35.07	213	143	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

2.4GHz 2400~2483.5MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 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	41.76	-32.24	74	55.89	34.23	10.98	59.34	100	0	P	H
													H
802.11n													H
HT20													H
CH 01		4824	41.8	-32.2	74	55.93	34.23	10.98	59.34	100	0	P	V
2412MHz													V
													V
													V
		4874	41.36	-32.64	74	55.35	34.22	11.03	59.24	100	0	P	H
		7311	42.35	-31.65	74	51.11	35.71	13.66	58.13	100	0	P	H
802.11n													H
HT20													H
CH 06		4874	41.63	-32.37	74	55.62	34.22	11.03	59.24	100	0	P	V
2437MHz		7311	43.42	-30.58	74	52.18	35.71	13.66	58.13	100	0	P	V
													V
													V
		4924	42.27	-31.73	74	56.11	34.21	11.09	59.14	100	0	P	H
		7386	42.75	-31.25	74	51.59	35.66	13.76	58.26	100	0	P	H
802.11n													H
HT20													H
CH 11		4924	43.06	-30.94	74	56.9	34.21	11.09	59.14	100	0	P	V
2462MHz		7386	42.81	-31.19	74	51.65	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.

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)
		4934	41.88	-32.12	74	55.72	34.21	11.09	59.14	100	0	P	H
		7401	42.92	-31.08	74	51.79	35.65	13.76	58.28	100	0	P	H
802.11n													H
HT20													H
CH 12		4934	43.78	-30.22	74	57.62	34.21	11.09	59.14	100	0	P	V
2467MHz		7401	42.63	-31.37	74	51.5	35.65	13.76	58.28	100	0	P	V
													V
													V
		4944	43.11	-30.89	74	56.86	34.21	11.14	59.1	100	0	P	H
		7416	43.31	-30.69	74	52.18	35.65	13.76	58.28	100	0	P	H
802.11n													H
HT20													H
CH 13		4944	42.23	-31.77	74	55.98	34.21	11.14	59.1	100	0	P	V
2472MHz		7416	42.8	-31.2	74	51.67	35.65	13.76	58.28	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

2.4GHz 2400~2483.5MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 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)
		2386.16	56.57	-17.43	74	42.23	31.95	17.43	35.04	270	304	P	H
		2389.94	48.06	-5.94	54	33.73	31.95	17.43	35.05	270	304	A	H
	*	2422	98.4	-	-	83.94	32.03	17.49	35.06	270	304	P	H
	*	2422	90.25	-	-	75.79	32.03	17.49	35.06	270	304	A	H
802.11n		2487.26	54.82	-19.18	74	40.18	32.16	17.55	35.07	270	304	P	H
HT40		2487.4	45.68	-8.32	54	31.04	32.16	17.55	35.07	270	304	A	H
CH 03		2314.62	54.47	-19.53	74	40.44	31.74	17.31	35.02	150	164	P	V
2422MHz		2389.94	45.46	-8.54	54	31.13	31.95	17.43	35.05	150	164	A	V
	*	2422	95.17	-	-	80.71	32.03	17.49	35.06	150	164	P	V
	*	2422	87.83	-	-	73.37	32.03	17.49	35.06	150	164	A	V
		2494.75	54.72	-19.28	74	40.05	32.2	17.55	35.08	150	164	P	V
		2489.43	45.42	-8.58	54	30.74	32.2	17.55	35.07	150	164	A	V
		2370.48	54.61	-19.39	74	40.37	31.91	17.37	35.04	296	310	P	H
		2389.52	45.76	-8.24	54	31.42	31.95	17.43	35.04	296	310	A	H
	*	2437	98.9	-	-	84.39	32.08	17.49	35.06	296	310	P	H
	*	2437	90.51	-	-	76	32.08	17.49	35.06	296	310	A	H
802.11n		2487.82	54.74	-19.26	74	40.06	32.2	17.55	35.07	296	310	P	H
HT40		2484.39	46.1	-7.9	54	31.46	32.16	17.55	35.07	296	310	A	H
CH 06		2389.94	54.22	-19.78	74	39.89	31.95	17.43	35.05	154	170	P	V
2437MHz		2386.86	44.84	-9.16	54	30.5	31.95	17.43	35.04	154	170	A	V
	*	2437	96.61	-	-	82.1	32.08	17.49	35.06	154	170	P	V
	*	2437	89.12	-	-	74.61	32.08	17.49	35.06	154	170	A	V
		2489.85	54.58	-19.42	74	39.9	32.2	17.55	35.07	154	170	P	V
		2489.43	46.12	-7.88	54	31.44	32.2	17.55	35.07	154	170	A	V

		2368.8	54.16	-19.84	74	39.92	31.91	17.37	35.04	351	301	P	H
		2386.3	45.11	-8.89	54	30.77	31.95	17.43	35.04	351	301	A	H
	*	2452	98.7	-	-	84.19	32.08	17.49	35.06	351	301	P	H
	*	2452	90.92	-	-	76.41	32.08	17.49	35.06	351	301	A	H
802.11n		2483.9	59.26	-14.74	74	44.62	32.16	17.55	35.07	351	301	P	H
HT40		2484.32	51.33	-2.67	54	36.69	32.16	17.55	35.07	351	301	A	H
CH 09		2363.48	55.04	-18.96	74	40.83	31.87	17.37	35.03	209	142	P	V
2452MHz		2388.26	44.87	-9.13	54	30.53	31.95	17.43	35.04	209	142	A	V
	*	2452	97.53	-	-	83.02	32.08	17.49	35.06	209	142	P	V
	*	2452	90.43	-	-	75.92	32.08	17.49	35.06	209	142	A	V
		2483.62	58.38	-15.62	74	43.74	32.16	17.55	35.07	209	142	P	V
		2484.6	50.12	-3.88	54	35.48	32.16	17.55	35.07	209	142	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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)
		2336.32	53.76	-20.24	74	39.64	31.83	17.31	35.02	352	298	P	H
		2382.8	44.91	-9.09	54	30.61	31.91	17.43	35.04	352	298	A	H
	*	2457	96.27	-	-	81.72	32.12	17.49	35.06	352	298	P	H
	*	2457	89	-	-	74.45	32.12	17.49	35.06	352	298	A	H
802.11n		2483.69	58.53	-15.47	74	43.89	32.16	17.55	35.07	352	298	P	H
HT40		2483.5	50.13	-3.87	54	35.49	32.16	17.55	35.07	352	298	A	H
CH 10		2315.74	54.9	-19.1	74	40.87	31.74	17.31	35.02	217	163	P	V
2457MHz		2358.02	44.97	-9.03	54	30.76	31.87	17.37	35.03	217	163	A	V
	*	2457	94.75	-	-	80.2	32.12	17.49	35.06	217	163	P	V
	*	2457	86.37	-	-	71.82	32.12	17.49	35.06	217	163	A	V
		2483.5	56.41	-17.59	74	41.77	32.16	17.55	35.07	217	163	P	V
		2483.5	48.55	-5.45	54	33.91	32.16	17.55	35.07	217	163	A	V
		2335.62	53.83	-20.17	74	39.71	31.83	17.31	35.02	351	296	P	H
		2387.7	44.79	-9.21	54	30.45	31.95	17.43	35.04	351	296	A	H
	*	2462	76.77	-	-	62.16	32.12	17.55	35.06	351	296	P	H
	*	2462	69.24	-	-	54.63	32.12	17.55	35.06	351	296	A	H
802.11n		2484.88	54.95	-19.05	74	40.31	32.16	17.55	35.07	351	296	P	H
HT40		2483.5	46.86	-7.14	54	32.22	32.16	17.55	35.07	351	296	A	H
CH 11		2388.4	54.01	-19.99	74	39.67	31.95	17.43	35.04	218	170	P	V
2462MHz		2387.84	44.87	-9.13	54	30.53	31.95	17.43	35.04	218	170	A	V
	*	2462	75.17	-	-	60.56	32.12	17.55	35.06	218	170	P	V
	*	2462	67.49	-	-	52.88	32.12	17.55	35.06	218	170	A	V
		2483.69	54.7	-19.3	74	40.06	32.16	17.55	35.07	218	170	P	V
		2483.55	46.33	-7.67	54	31.69	32.16	17.55	35.07	218	170	A	V

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.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		125.04	30.75	-12.75	43.5	42.58	17.69	2.01	31.53	-	-	P	H
		161.49	28.23	-15.27	43.5	41.11	16.36	2.25	31.49	-	-	P	H
		264.09	30.21	-15.79	46	39.3	19.39	2.87	31.35	-	-	P	H
		360.2	36.04	-9.96	46	43.55	20.64	3.05	31.2	-	-	P	H
		803.3	39.23	-6.77	46	37.29	27.93	4.6	30.59	100	0	P	H
		815.2	38.24	-7.76	46	36.39	27.83	4.6	30.58	-	-	P	H
													H
													H
													H
													H
2.4GHz													H
802.11n													H
HT40		36.75	31.4	-8.6	40	40.54	20.97	1.33	31.44	100	0	P	V
LF		44.31	28.98	-11.02	40	42.48	16.71	1.34	31.55	-	-	P	V
		57	31.37	-8.63	40	49.5	12.12	1.35	31.6	-	-	P	V
		456.1	32.08	-13.92	46	36.56	23.08	3.49	31.05	-	-	P	V
		743.8	31.1	-14.9	46	29.57	27.71	4.46	30.64	-	-	P	V
		936.3	32.97	-13.03	46	28.83	29.69	4.97	30.52	-	-	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 802.11n HT20 (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)
		2385.6	55.22	-18.78	74	40.88	31.95	17.43	35.04	147	161	P	H
		2390	44.2	-9.8	54	29.87	31.95	17.43	35.05	147	161	A	H
	*	2412	102.97	-	-	88.6	31.99	17.43	35.05	147	161	P	H
	*	2412	95.13	-	-	80.76	31.99	17.43	35.05	147	161	A	H
802.11n													H
HT20													H
CH 01		2387.7	54.59	-19.41	74	40.25	31.95	17.43	35.04	303	70	P	V
2412MHz		2389.17	44.34	-9.66	54	30	31.95	17.43	35.04	303	70	A	V
	*	2412	101.32	-	-	86.95	31.99	17.43	35.05	303	70	P	V
	*	2412	93.39	-	-	79.02	31.99	17.43	35.05	303	70	A	V
													V
													V
		2346.26	54.66	-19.34	74	40.49	31.83	17.37	35.03	187	142	P	H
		2387	43.38	-10.62	54	29.04	31.95	17.43	35.04	187	142	A	H
	*	2437	100.37	-	-	85.86	32.08	17.49	35.06	187	142	P	H
	*	2437	92.44	-	-	77.93	32.08	17.49	35.06	187	142	A	H
802.11n		2487.47	54.21	-19.79	74	39.57	32.16	17.55	35.07	187	142	P	H
HT20		2486	44.92	-9.08	54	30.28	32.16	17.55	35.07	187	142	A	H
CH 06		2328.34	54.62	-19.38	74	40.54	31.79	17.31	35.02	237	64	P	V
2437MHz		2389.8	43.56	-10.44	54	29.23	31.95	17.43	35.05	237	64	A	V
	*	2437	100.5	-	-	85.99	32.08	17.49	35.06	237	64	P	V
	*	2437	92.66	-	-	78.15	32.08	17.49	35.06	237	64	A	V
		2490.97	54	-20	74	39.32	32.2	17.55	35.07	237	64	P	V
		2486.63	43.68	-10.32	54	29.04	32.16	17.55	35.07	237	64	A	V

	*	2462	101.65	-	-	87.04	32.12	17.55	35.06	116	223	P	H
	*	2462	93.93	-	-	79.32	32.12	17.55	35.06	116	223	A	H
		2495.48	65.71	-8.29	74	51.04	32.2	17.55	35.08	116	223	P	H
		2483.96	44.15	-9.85	54	29.51	32.16	17.55	35.07	116	223	A	H
802.11n													H
HT20													H
CH 11	*	2462	101.35	-	-	86.74	32.12	17.55	35.06	294	66	P	V
2462MHz	*	2462	93.57	-	-	78.96	32.12	17.55	35.06	294	66	A	V
		2499.92	54.16	-19.84	74	39.49	32.2	17.55	35.08	294	66	P	V
		2483.52	44.04	-9.96	54	29.4	32.16	17.55	35.07	294	66	A	V
													V
													V

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

WIFI Ant. 1+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)
	*	2467	97.77	-	-	83.17	32.12	17.55	35.07	137	234	P	H
	*	2467	90.46	-	-	75.86	32.12	17.55	35.07	137	234	A	H
		2483.52	57.29	-16.71	74	42.65	32.16	17.55	35.07	137	234	P	H
		2483.52	45.87	-8.13	54	31.23	32.16	17.55	35.07	137	234	A	H
802.11n													H
HT20													H
CH 12	*	2467	98.02	-	-	83.42	32.12	17.55	35.07	311	318	P	V
2467MHz	*	2467	90.2	-	-	75.6	32.12	17.55	35.07	311	318	A	V
		2497.72	59.17	-14.83	74	44.5	32.2	17.55	35.08	311	318	P	V
		2483.52	46.14	-7.86	54	31.5	32.16	17.55	35.07	311	318	A	V
													V
													V
	*	2472	81.51	-	-	66.87	32.16	17.55	35.07	106	227	P	H
	*	2472	73.68	-	-	59.04	32.16	17.55	35.07	106	227	A	H
		2483.76	58.72	-15.28	74	44.08	32.16	17.55	35.07	106	227	P	H
		2483.52	46.15	-7.85	54	31.51	32.16	17.55	35.07	106	227	A	H
802.11n													H
HT20													H
CH 13	*	2472	81.53	-	-	66.89	32.16	17.55	35.07	308	346	P	V
2472MHz	*	2472	73.78	-	-	59.14	32.16	17.55	35.07	308	346	A	V
		2483.84	58.44	-15.56	74	43.8	32.16	17.55	35.07	308	346	P	V
		2483.52	46.46	-7.54	54	31.82	32.16	17.55	35.07	308	346	A	V
													V
													V

Remark

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

2.4GHz 2400~2483.5MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 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	42.47	-31.53	74	56.6	34.23	10.98	59.34	100	0	P	H
													H
802.11n													H
HT20													H
CH 01		4824	42.28	-31.72	74	56.41	34.23	10.98	59.34	100	0	P	V
2412MHz													V
													V
													V
		4874	42.45	-31.55	74	56.44	34.22	11.03	59.24	100	0	P	H
		7311	42.51	-31.49	74	51.27	35.71	13.66	58.13	100	0	P	H
802.11n													H
HT20													H
CH 06		4874	42.2	-31.8	74	56.19	34.22	11.03	59.24	100	0	P	V
2437MHz		7311	43.46	-30.54	74	52.22	35.71	13.66	58.13	100	0	P	V
													V
													V
		4924	42.79	-31.21	74	56.63	34.21	11.09	59.14	100	0	P	H
		7386	43.87	-30.13	74	52.71	35.66	13.76	58.26	100	0	P	H
802.11n													H
HT20													H
CH 11		4924	42.59	-31.41	74	56.43	34.21	11.09	59.14	100	0	P	V
2462MHz		7386	43.85	-30.15	74	52.69	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.

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)
		4934	42.1	-31.9	74	55.94	34.21	11.09	59.14	100	0	P	H
		7401	42.78	-31.22	74	51.65	35.65	13.76	58.28	100	0	P	H
802.11n													H
HT20													H
CH 12		4934	41.79	-32.21	74	55.63	34.21	11.09	59.14	100	0	P	V
2467MHz		7401	42.74	-31.26	74	51.61	35.65	13.76	58.28	100	0	P	V
													V
													V
		4944	43.17	-30.83	74	56.92	34.21	11.14	59.1	100	0	P	H
		7416	43.28	-30.72	74	52.15	35.65	13.76	58.28	100	0	P	H
802.11n													H
HT20													H
CH 13		4944	42.17	-31.83	74	55.92	34.21	11.14	59.1	100	0	P	V
2472MHz		7416	42.97	-31.03	74	51.84	35.65	13.76	58.28	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

2.4GHz 2400~2483.5MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 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)
		2387.98	57.53	-16.47	74	43.19	31.95	17.43	35.04	141	160	P	H
		2389.52	46.51	-7.49	54	32.17	31.95	17.43	35.04	141	160	A	H
	*	2422	100.25	-	-	85.79	32.03	17.49	35.06	141	160	P	H
	*	2422	91.3	-	-	76.84	32.03	17.49	35.06	141	160	A	H
802.11n		2494.33	54.36	-19.64	74	39.69	32.2	17.55	35.08	141	160	P	H
HT40		2492.09	45.4	-8.6	54	30.73	32.2	17.55	35.08	141	160	A	H
CH 03		2381.96	54.25	-19.75	74	39.95	31.91	17.43	35.04	329	70	P	V
2422MHz		2389.8	45.67	-8.33	54	31.34	31.95	17.43	35.05	329	70	A	V
	*	2422	96.89	-	-	82.43	32.03	17.49	35.06	329	70	P	V
	*	2422	89.73	-	-	75.27	32.03	17.49	35.06	329	70	A	V
		2494.05	54.45	-19.55	74	39.78	32.2	17.55	35.08	329	70	P	V
		2488.1	45.33	-8.67	54	30.65	32.2	17.55	35.07	329	70	A	V
		2349.06	54.11	-19.89	74	39.94	31.83	17.37	35.03	160	234	P	H
		2388.26	45.13	-8.87	54	30.79	31.95	17.43	35.04	160	234	A	H
	*	2437	97.06	-	-	82.55	32.08	17.49	35.06	160	234	P	H
	*	2437	89.79	-	-	75.28	32.08	17.49	35.06	160	234	A	H
802.11n		2495.03	54.82	-19.18	74	40.15	32.2	17.55	35.08	160	234	P	H
HT40		2484.25	45.8	-8.2	54	31.16	32.16	17.55	35.07	160	234	A	H
CH 06		2365.86	54.89	-19.11	74	40.69	31.87	17.37	35.04	258	355	P	V
2437MHz		2324.98	44.92	-9.08	54	30.84	31.79	17.31	35.02	258	355	A	V
	*	2437	97.28	-	-	82.77	32.08	17.49	35.06	258	355	P	V
	*	2437	88.84	-	-	74.33	32.08	17.49	35.06	258	355	A	V
		2490.48	54.32	-19.68	74	39.64	32.2	17.55	35.07	258	355	P	V
		2488.03	45.31	-8.69	54	30.63	32.2	17.55	35.07	258	355	A	V

		2326.8	54.19	-19.81	74	40.11	31.79	17.31	35.02	184	142	P	H
		2351.72	44.9	-9.1	54	30.69	31.87	17.37	35.03	184	142	A	H
	*	2452	97.35	-	-	82.8	32.12	17.49	35.06	184	142	P	H
	*	2452	89.61	-	-	75	32.12	17.55	35.06	184	142	A	H
802.11n		2484.74	54.63	-19.37	74	39.99	32.16	17.55	35.07	184	142	P	H
HT40		2484.74	45.78	-8.22	54	31.14	32.16	17.55	35.07	184	142	A	H
CH 09		2374.54	54.16	-19.84	74	39.92	31.91	17.37	35.04	356	316	P	V
2452MHz		2349.76	45.01	-8.99	54	30.84	31.83	17.37	35.03	356	316	A	V
	*	2452	98.69	-	-	84.18	32.08	17.49	35.06	356	316	P	V
	*	2452	90.87	-	-	76.36	32.08	17.49	35.06	356	316	A	V
		2490.9	54.82	-19.18	74	40.14	32.2	17.55	35.07	356	316	P	V
		2483.55	46.01	-7.99	54	31.37	32.16	17.55	35.07	356	316	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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)
		2388.12	54.79	-19.21	74	40.45	31.95	17.43	35.04	165	156	P	H
		2385.88	44.91	-9.09	54	30.57	31.95	17.43	35.04	165	156	A	H
	*	2457	98.32	-	-	83.77	32.12	17.49	35.06	165	156	P	H
	*	2457	90.51	-	-	75.96	32.12	17.49	35.06	165	156	A	H
802.11n		2484.04	56.26	-17.74	74	41.62	32.16	17.55	35.07	165	156	P	H
HT40		2491.95	50.73	-3.27	54	36.06	32.2	17.55	35.08	165	156	A	H
CH 10		2384.2	54.69	-19.31	74	40.39	31.91	17.43	35.04	289	61	P	V
2457MHz		2319.8	44.99	-9.01	54	30.91	31.79	17.31	35.02	289	61	A	V
	*	2457	96.77	-	-	82.22	32.12	17.49	35.06	289	61	P	V
	*	2457	89.35	-	-	74.8	32.12	17.49	35.06	289	61	A	V
		2483.5	56.85	-17.15	74	42.21	32.16	17.55	35.07	289	61	P	V
		2483.5	49.01	-4.99	54	34.37	32.16	17.55	35.07	289	61	A	V
		2378.04	53.79	-20.21	74	39.55	31.91	17.37	35.04	107	223	P	H
		2373.42	45.26	-8.74	54	31.02	31.91	17.37	35.04	107	223	A	H
	*	2462	78.93	-	-	64.32	32.12	17.55	35.06	107	223	P	H
	*	2462	71.02	-	-	56.41	32.12	17.55	35.06	107	223	A	H
802.11n		2483.55	56.94	-17.06	74	42.3	32.16	17.55	35.07	107	223	P	H
HT40		2483.55	47.52	-6.48	54	32.88	32.16	17.55	35.07	107	223	A	H
CH 11		2380	54.71	-19.29	74	40.47	31.91	17.37	35.04	297	279	P	V
2462MHz		2373.28	44.86	-9.14	54	30.62	31.91	17.37	35.04	297	279	A	V
	*	2462	77.65	-	-	63.04	32.12	17.55	35.06	297	279	P	V
	*	2462	69.84	-	-	55.23	32.12	17.55	35.06	297	279	A	V
		2483.5	55.57	-18.43	74	40.93	32.16	17.55	35.07	297	279	P	V
		2483.5	47.44	-6.56	54	32.8	32.16	17.55	35.07	297	279	A	V

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 D. Radiated Spurious Emission Plots

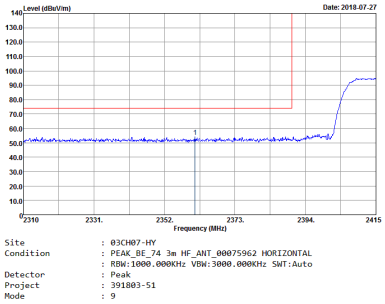
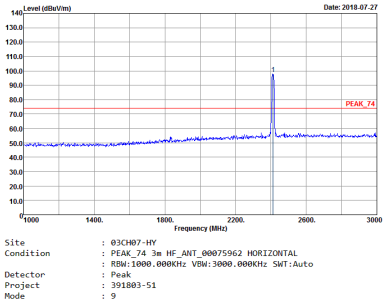
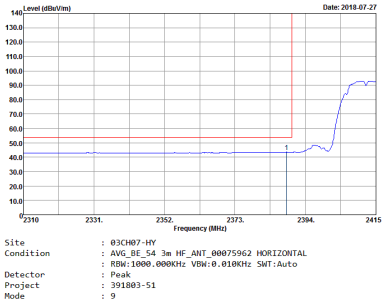
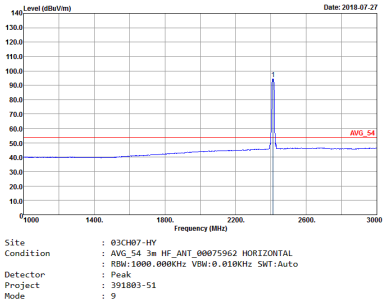
Test Engineer :	Jesse Wang, Stan Hsieh, and Lance Chiang	**Temperature :**	24~26°C
		Relative Humidity :	51~53%

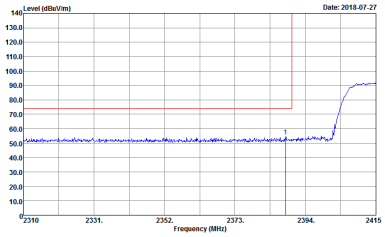
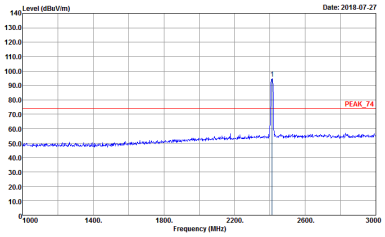
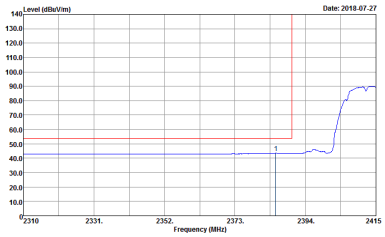
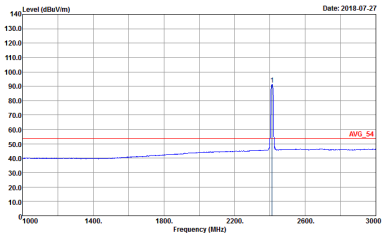
Note symbol

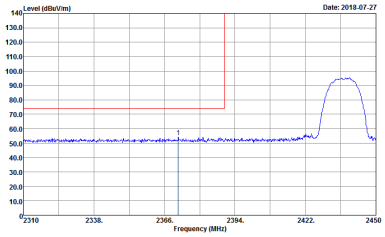
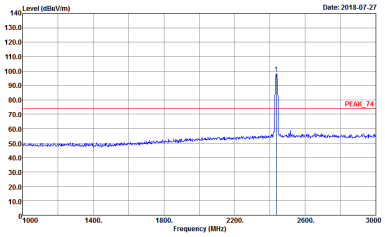
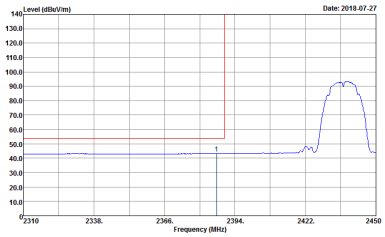
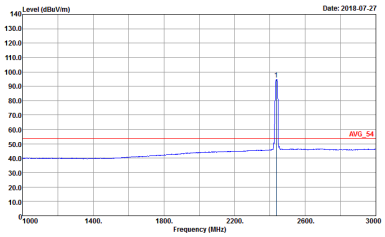
-L	**Low channel location**
-R	**High channel location**

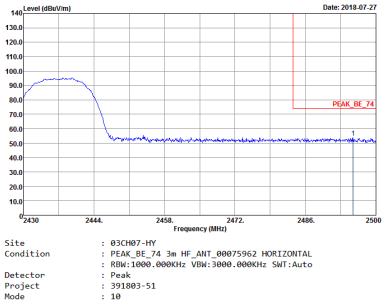
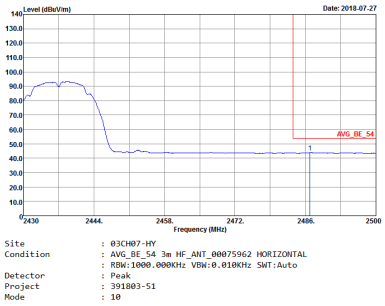
2.4GHz 2400~2483.5MHz

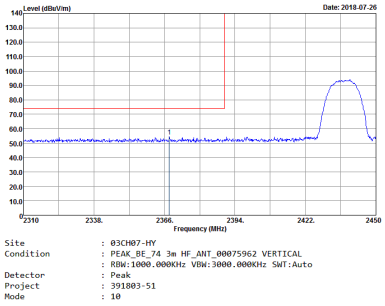
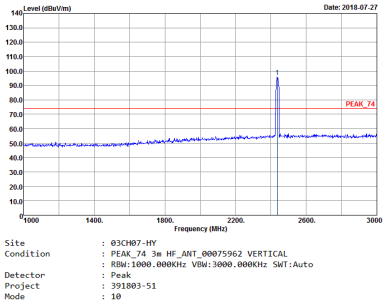
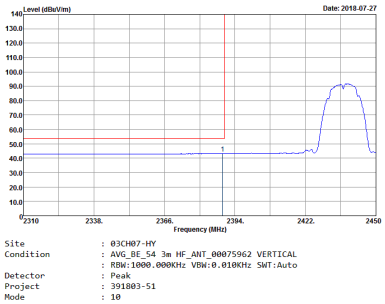
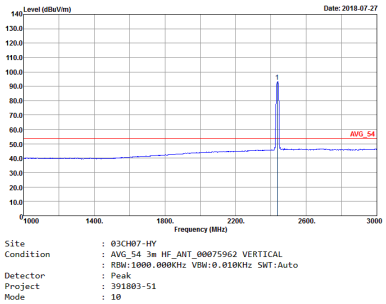
WIFI 802.11b (Band Edge @ 3m)

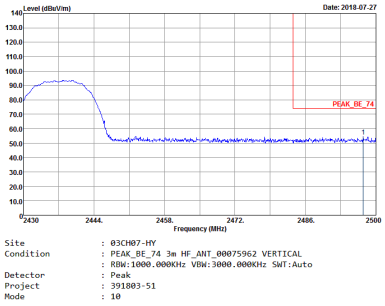
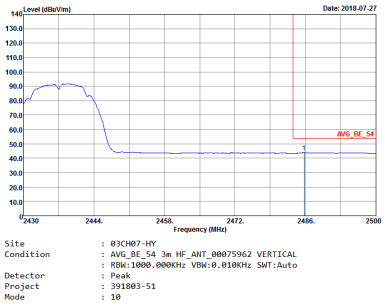
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH01 2412MHz	
1	Horizontal	Fundamental
Peak		
Avg.		

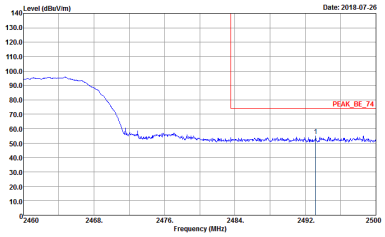
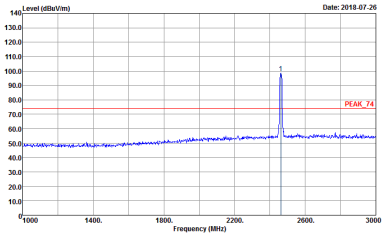
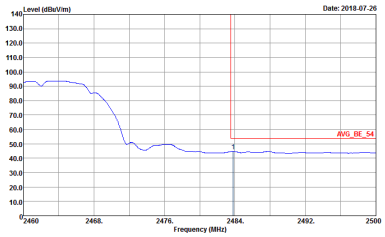
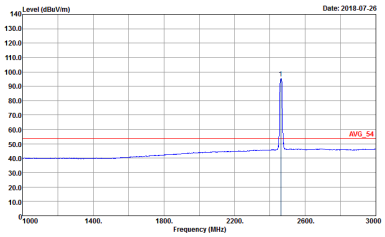
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH01 2412MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 391803-51 Mode : 9	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 391803-51 Mode : 9
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 391803-51 Mode : 9	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 391803-51 Mode : 9

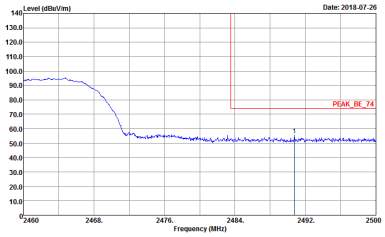
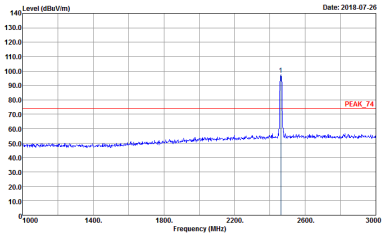
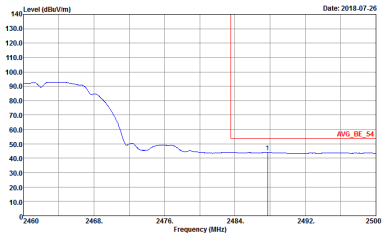
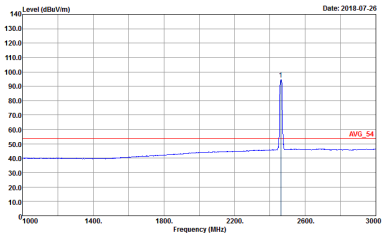
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 391803-51 Mode : 10	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 391803-51 Mode : 10
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 391803-51 Mode : 10	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 391803-51 Mode : 10

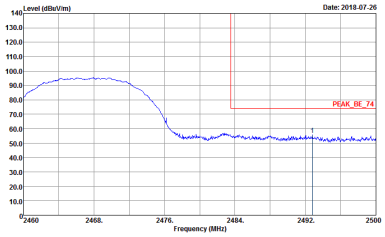
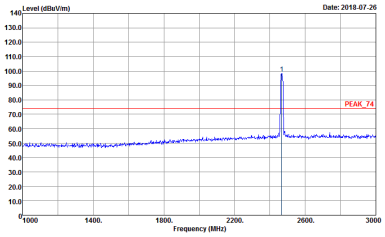
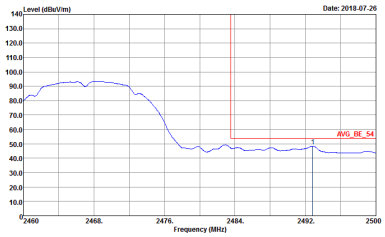
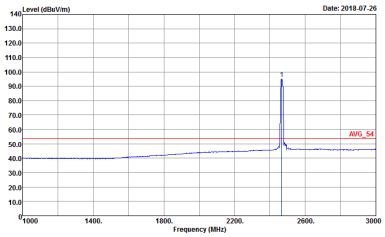
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

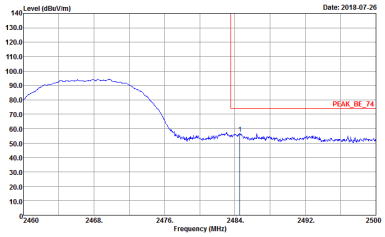
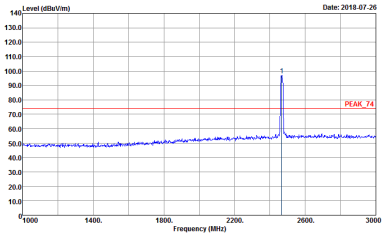
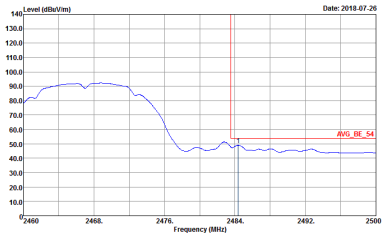
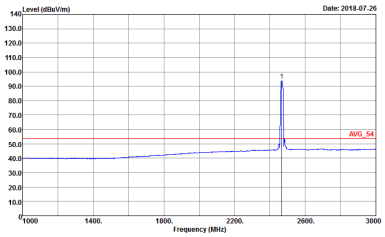
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		

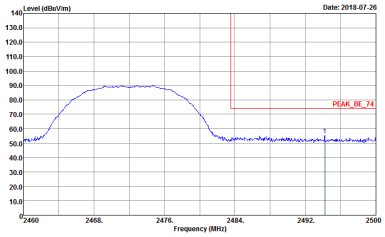
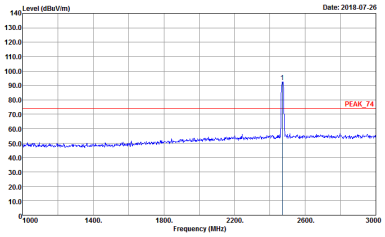
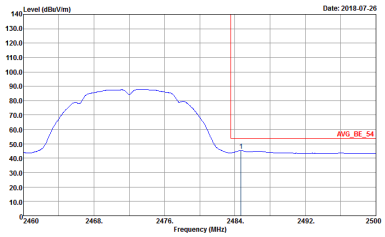
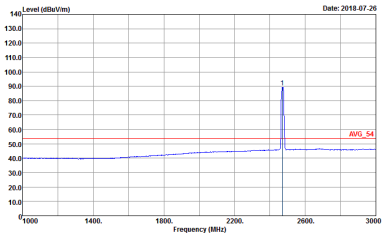
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

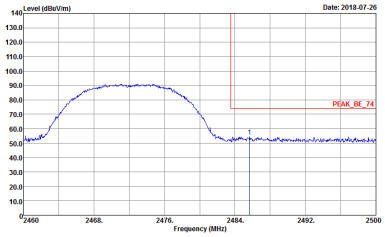
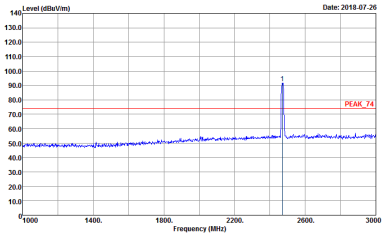
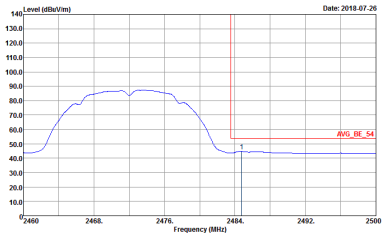
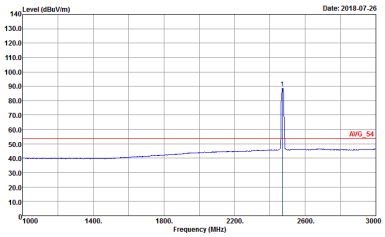
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH11 2462MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 391803-51 Mode : 11	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 391803-51 Mode : 11
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 391803-51 Mode : 11	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 391803-51 Mode : 11

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH11 2462MHz	
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 : 391803-51 Mode : 11	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 391803-51 Mode : 11
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 391803-51 Mode : 11	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 391803-51 Mode : 11

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH12 2467MHz	
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 : 391803-51 Mode : 12	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 391803-51 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 : 391803-51 Mode : 12	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 391803-51 Mode : 12

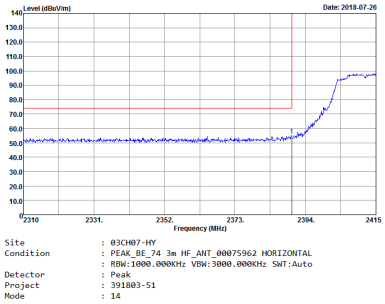
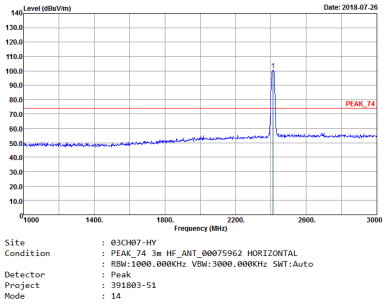
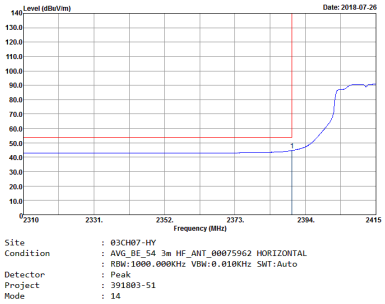
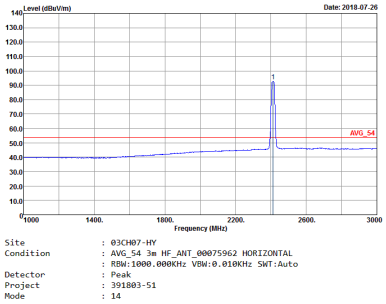
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH12 2467MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 391803-51 Mode : 12	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 391803-51 Mode : 12
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 391803-51 Mode : 12	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 391803-51 Mode : 12

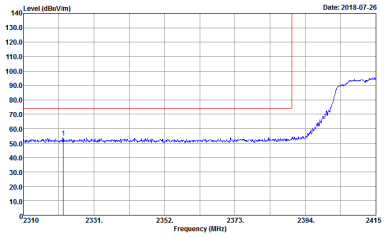
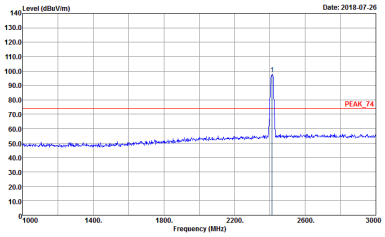
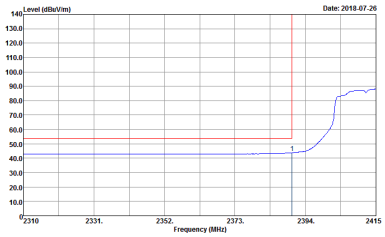
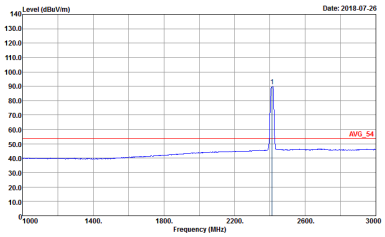
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH13 2472MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 391803-51 Mode : 13	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 391803-51 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 : 391803-51 Mode : 13	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 391803-51 Mode : 13

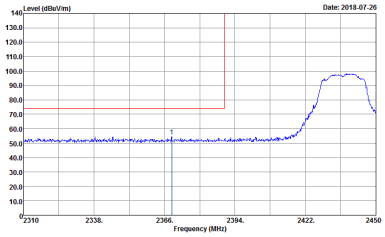
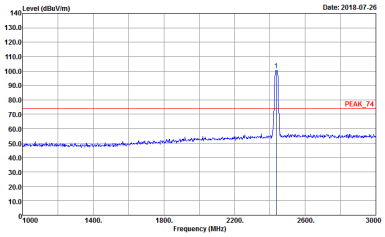
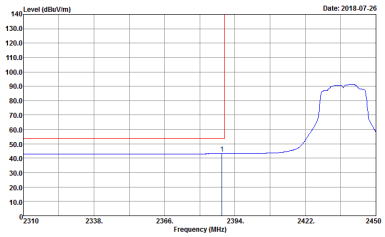
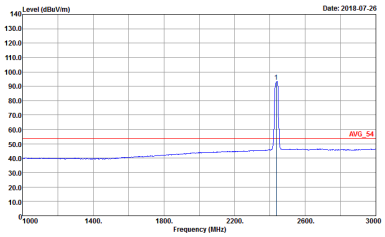
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH13 2472MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 391803-51 Mode : 13	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 391803-51 Mode : 13
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 391803-51 Mode : 13	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 391803-51 Mode : 13

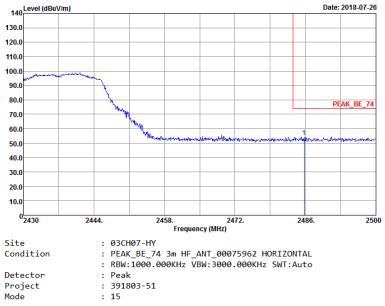
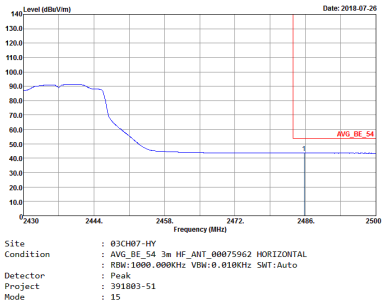
2.4GHz 2400~2483.5MHz

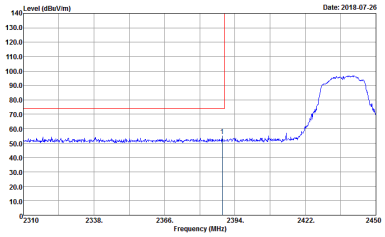
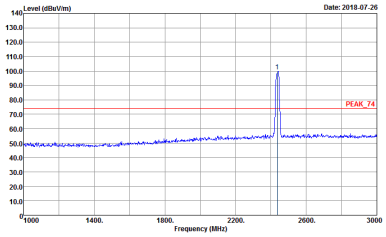
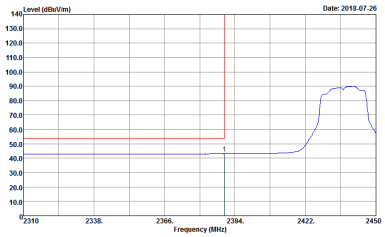
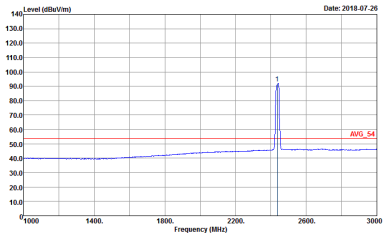
WIFI 802.11n HT20 (Band Edge @ 3m)

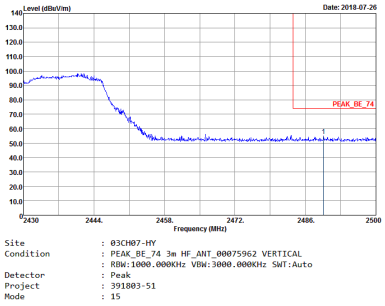
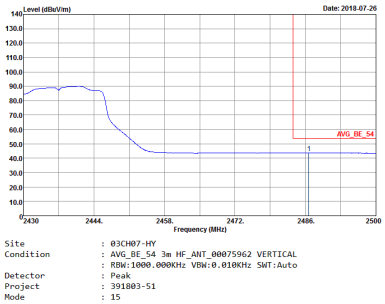
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH01 2412MHz	
1	Horizontal	Fundamental
Peak		
Avg.		

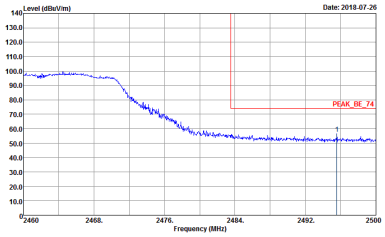
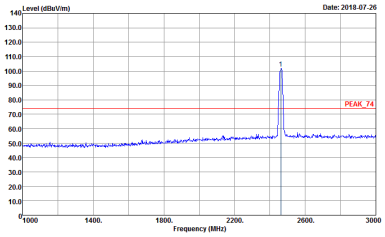
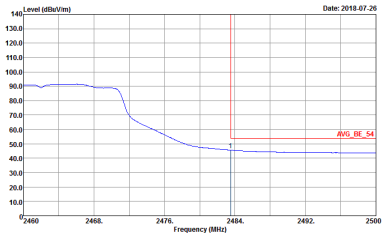
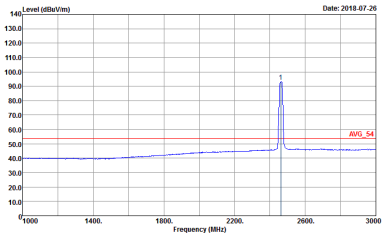
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH01 2412MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 391803-51 Mode : 14	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 391803-51 Mode : 14
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 391803-51 Mode : 14	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 391803-51 Mode : 14

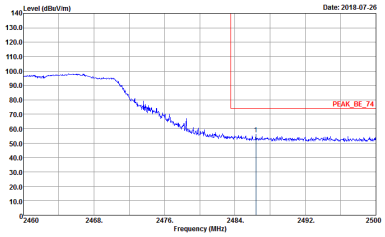
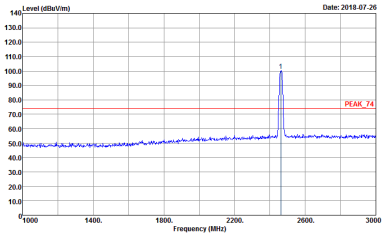
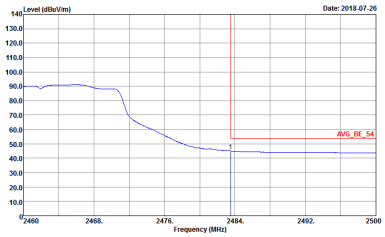
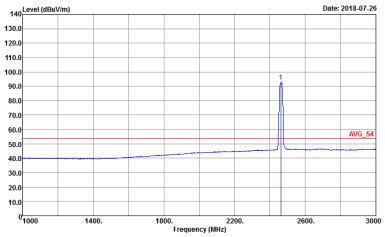
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH06 2437MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 391803-51 Mode : 15	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 391803-51 Mode : 15
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 391803-51 Mode : 15	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 391803-51 Mode : 15

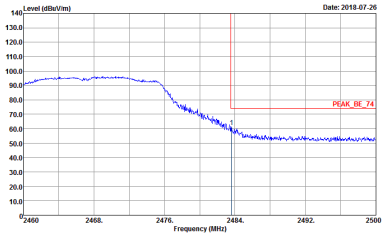
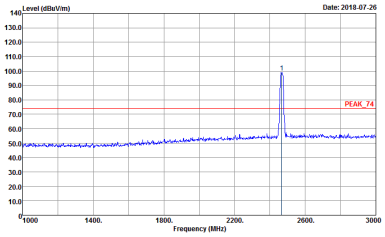
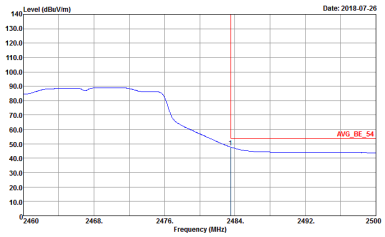
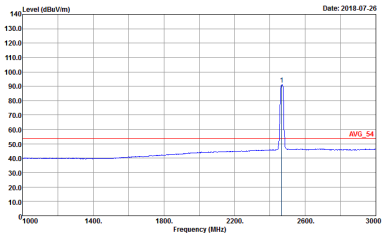
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH06 2437MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

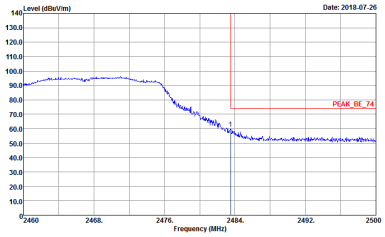
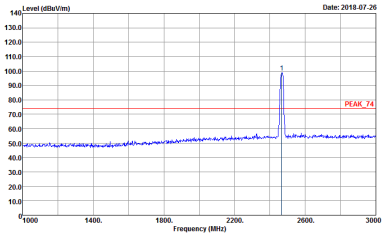
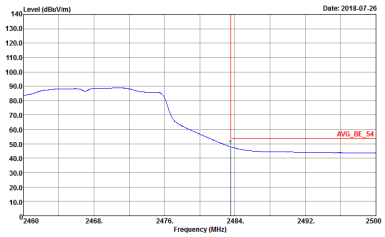
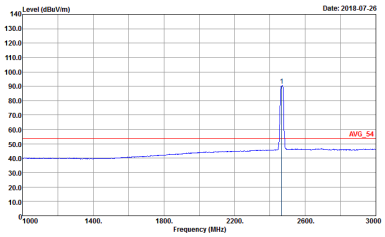
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH06 2437MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		

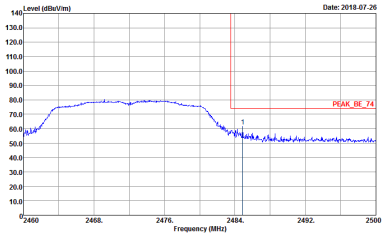
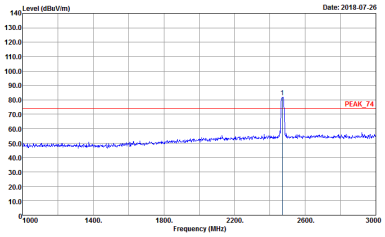
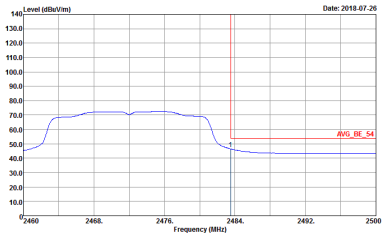
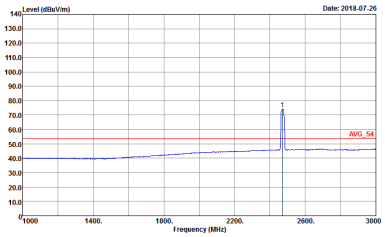
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH06 2437MHz - R	
1	Vertical	Fundamental
Peak		Left Blank
Avg.		Left Blank

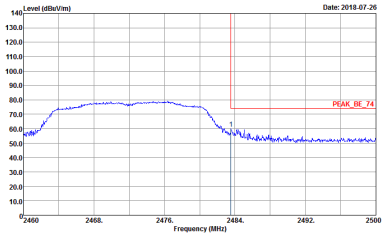
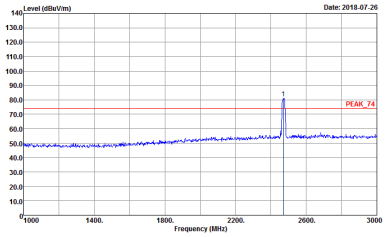
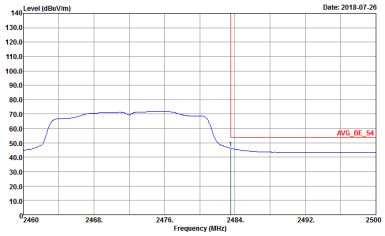
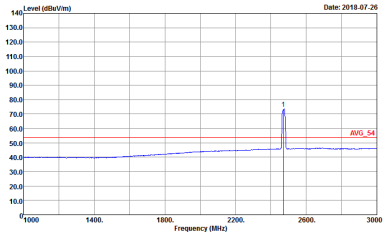
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH11 2462MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 391803-51 Mode : 16	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 391803-51 Mode : 16
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 391803-51 Mode : 16	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 391803-51 Mode : 16

WIFI	2.4GHz 2400~2483.5MHz Fundamental @ 3m	
ANT	802.11n HT20 CH11 2462MHz	
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 : 391803-51 Mode : 16	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 391803-51 Mode : 16
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 391803-51 Mode : 16	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 391803-51 Mode : 16

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH12 2467MHz	
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 : 391803-51 Mode : 17	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 391803-51 Mode : 17
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 391803-51 Mode : 17	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 391803-51 Mode : 17

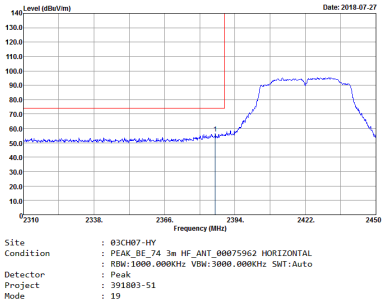
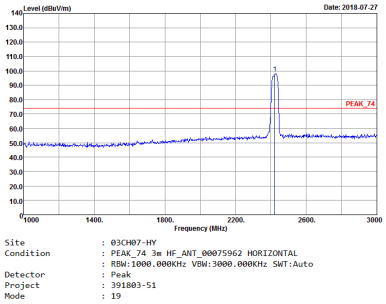
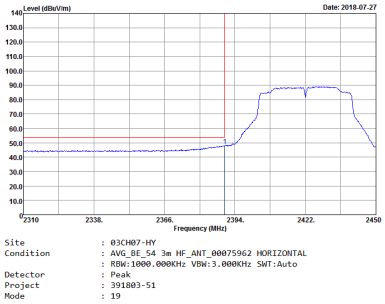
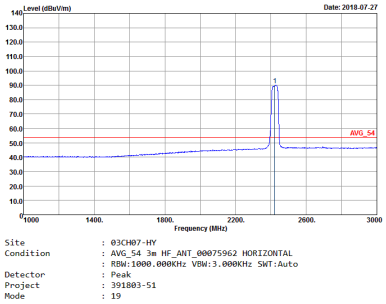
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH12 2467MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 391803-51 Mode : 17	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 391803-51 Mode : 17
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 391803-51 Mode : 17	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 391803-51 Mode : 17

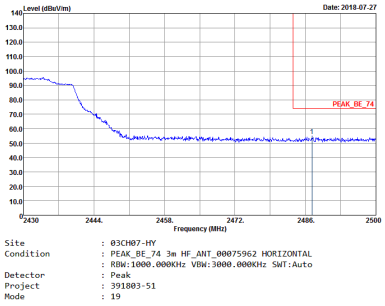
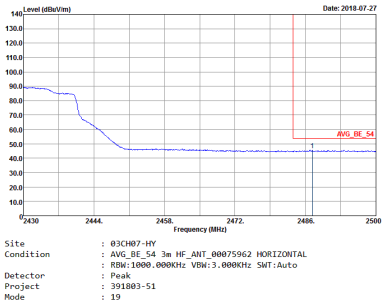
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH13 2472MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 391803-51 Mode : 18	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 391803-51 Mode : 18
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 391803-51 Mode : 18	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 391803-51 Mode : 18

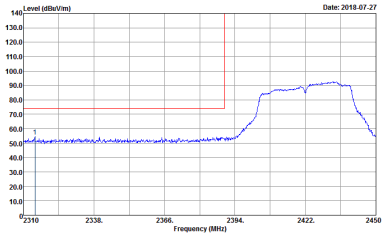
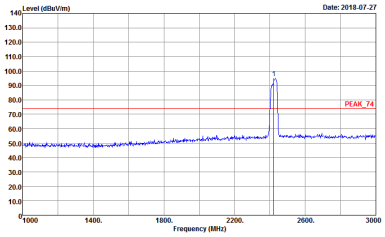
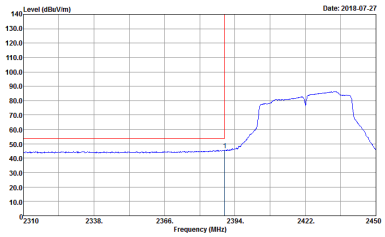
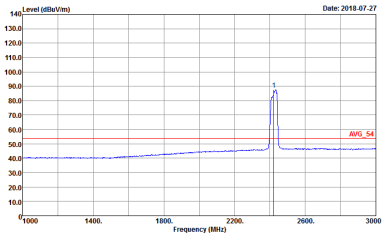
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH13 2472MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 391803-51 Mode : 18	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 391803-51 Mode : 18
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 391803-51 Mode : 18	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 391803-51 Mode : 18

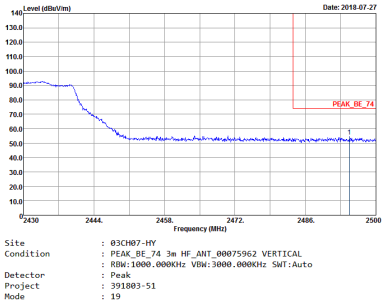
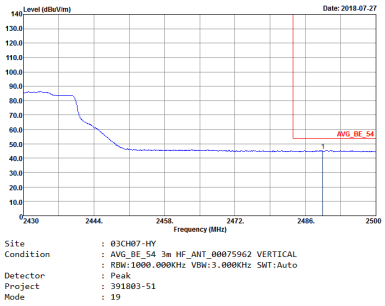
2.4GHz 2400~2483.5MHz

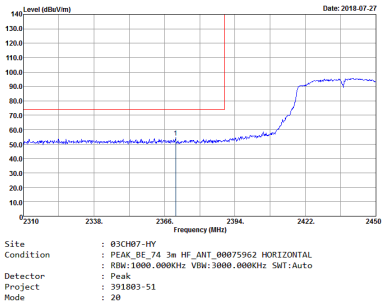
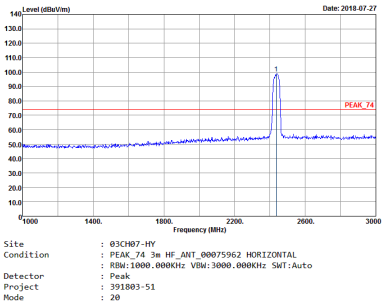
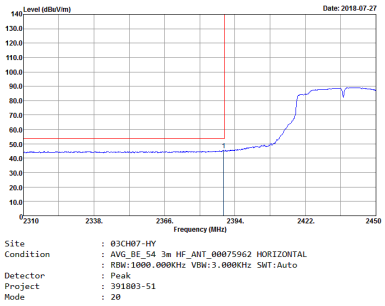
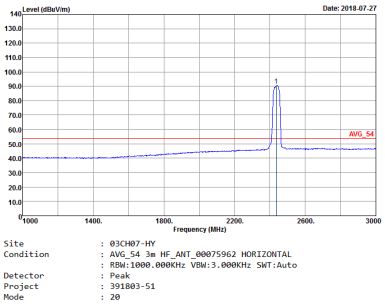
WIFI 802.11n HT40 (Band Edge @ 3m)

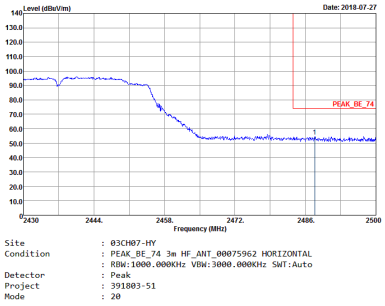
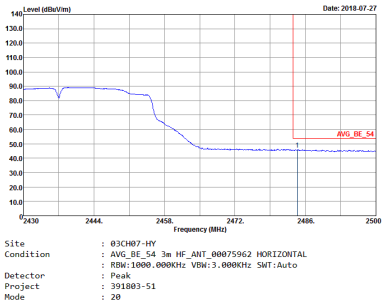
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH03 2422MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		

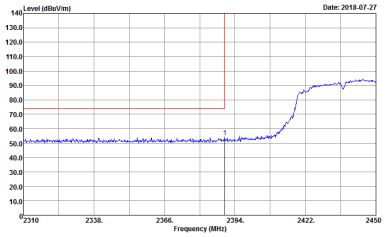
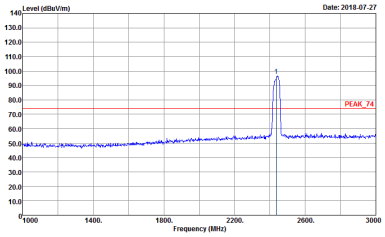
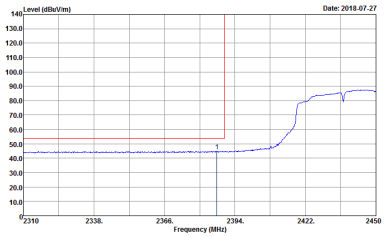
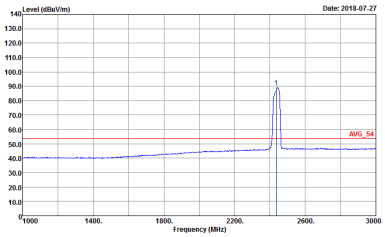
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH03 2422MHz - R	
1	Horizontal	Fundamental
Peak		Left Blank
Avg.		Left Blank

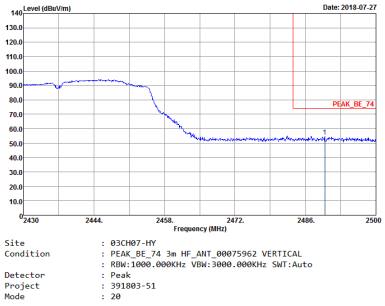
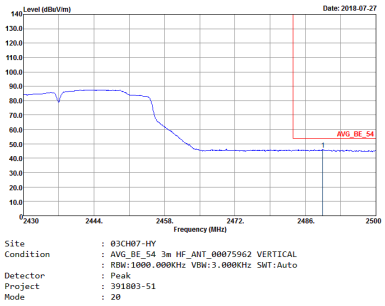
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH03 2422MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 391803-51 Mode : 19	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 391803-51 Mode : 19
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 391803-51 Mode : 19	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 391803-51 Mode : 19

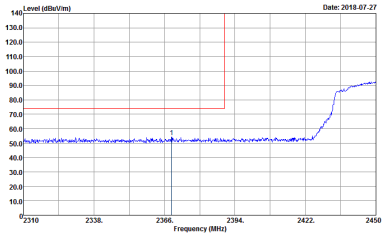
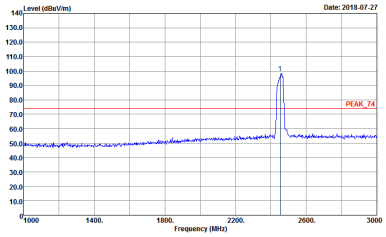
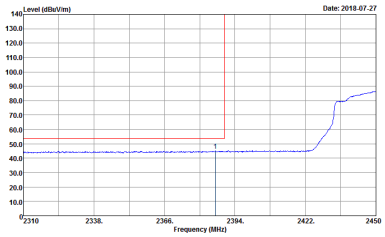
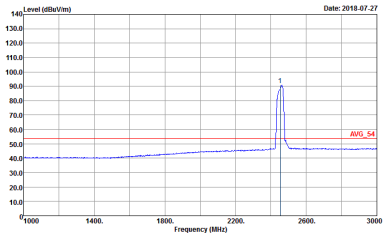
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH03 2422MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

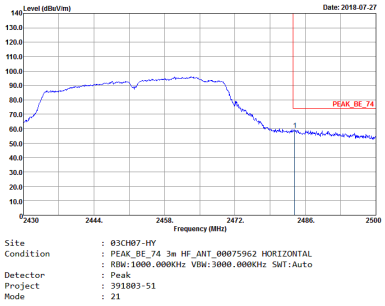
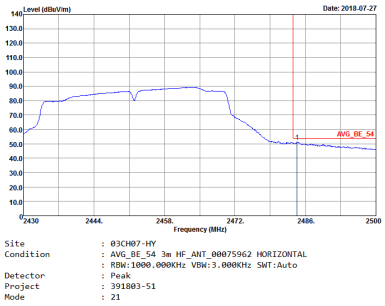
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH06 2437MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		

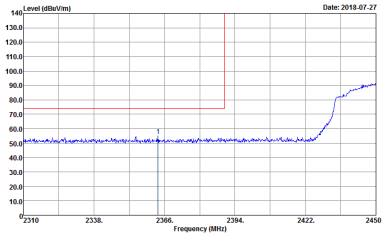
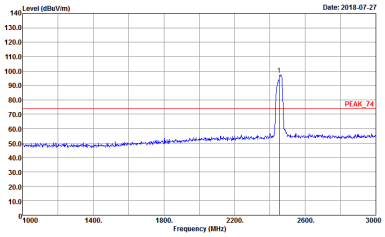
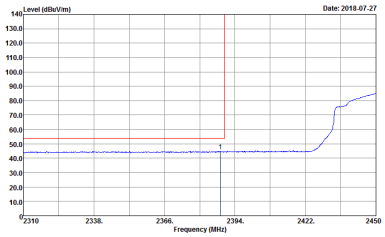
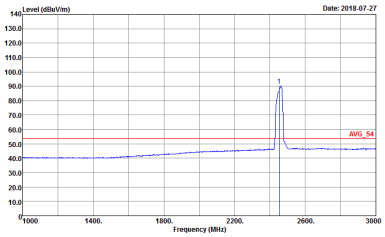
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH06 2437MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

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

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

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

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

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH09 2452MHz - L	
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 : 391803-51 Mode : 21	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 391803-51 Mode : 21
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 391803-51 Mode : 21	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 391803-51 Mode : 21