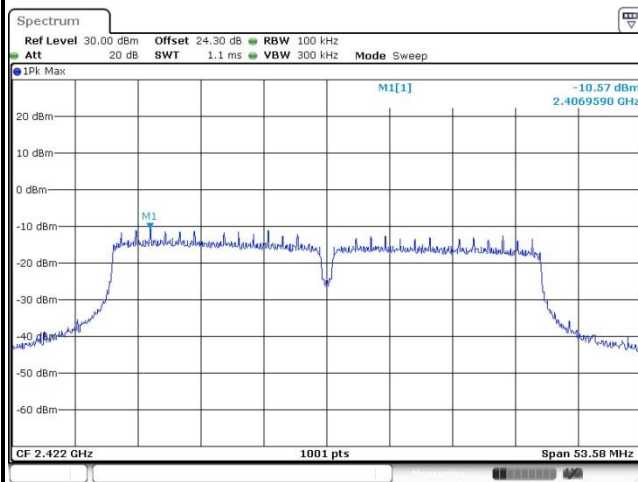
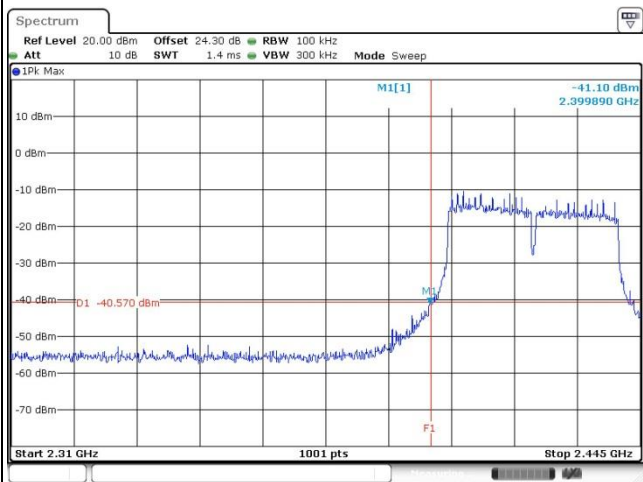
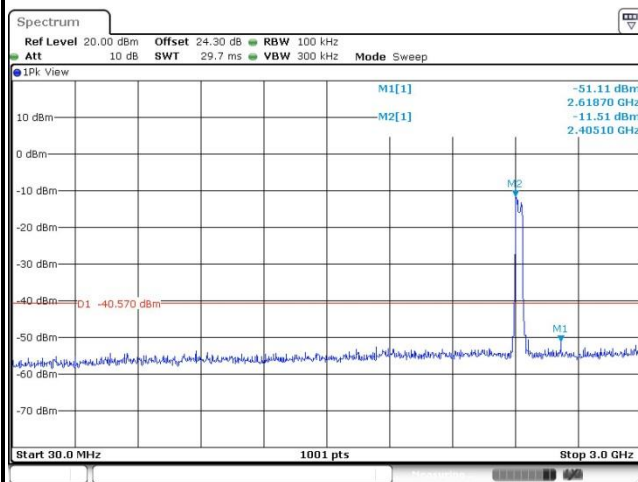
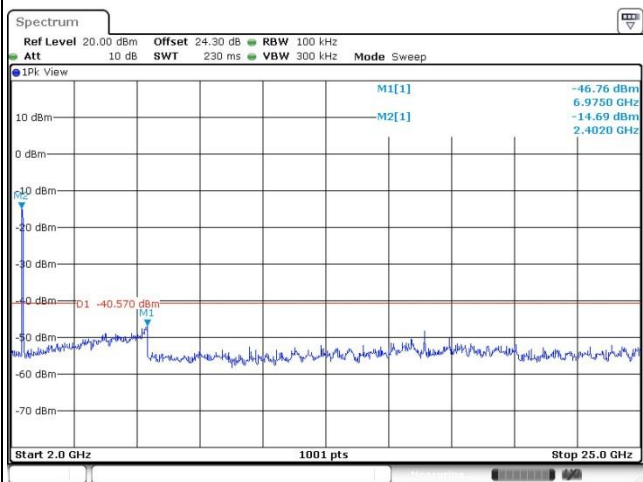




Number of TX :	2	Ant. :	2
Test Mode :	802.11ac VHT40	Temperature :	21~25°C
Test Band :	2.4GHz Low	Relative Humidity :	51~54%
Test Channel :	03	Test Engineer :	Derek Hsu

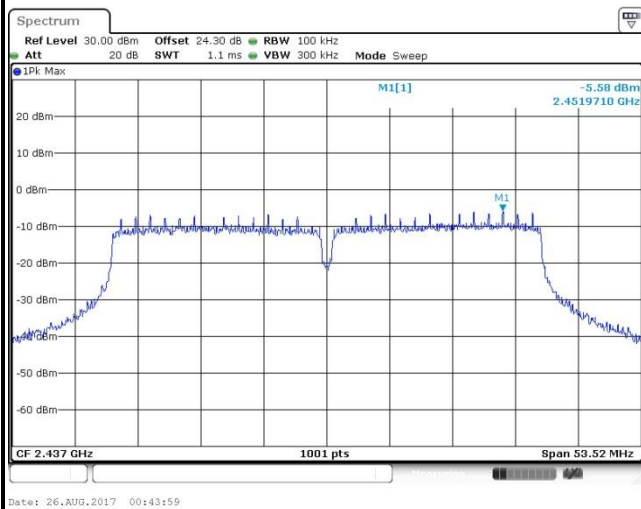
WLAN 802.11ac VHT40 Channel 03**100kHz PSD reference Level****Low Channel Plot****Spurious Emission 30MHz~3GHz****Spurious Emission 2GHz~25GHz**



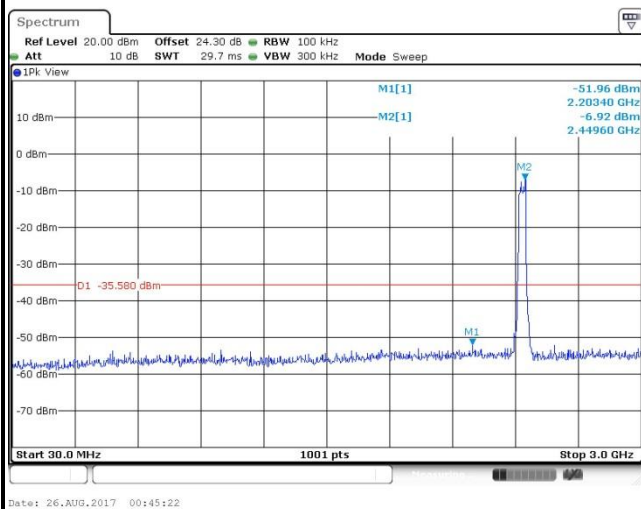
Number of TX :	2	Ant. :	2
Test Mode :	802.11ac VHT40	Temperature :	21~25°C
Test Band :	2.4GHz Mid	Relative Humidity :	51~54%
Test Channel :	06	Test Engineer :	Derek Hsu

WLAN 802.11ac VHT40 Channel 06

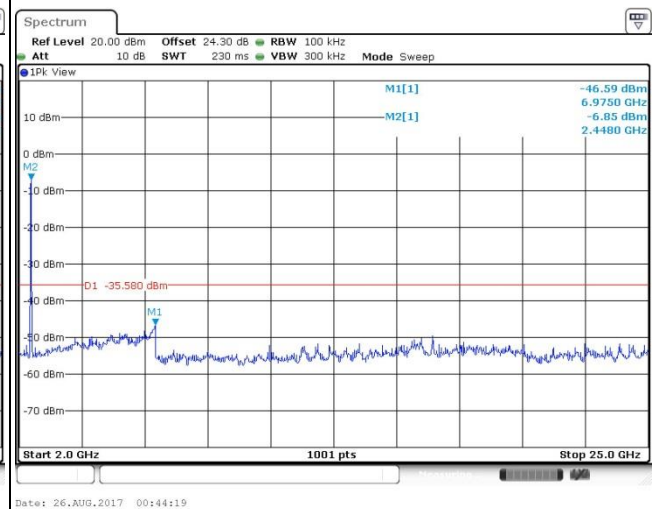
100kHz PSD reference Level



Spurious Emission 30MHz~3GHz



Spurious Emission 2GHz~25GHz

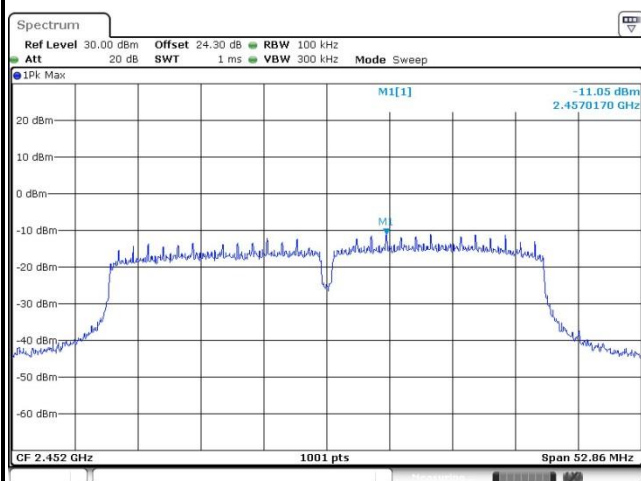




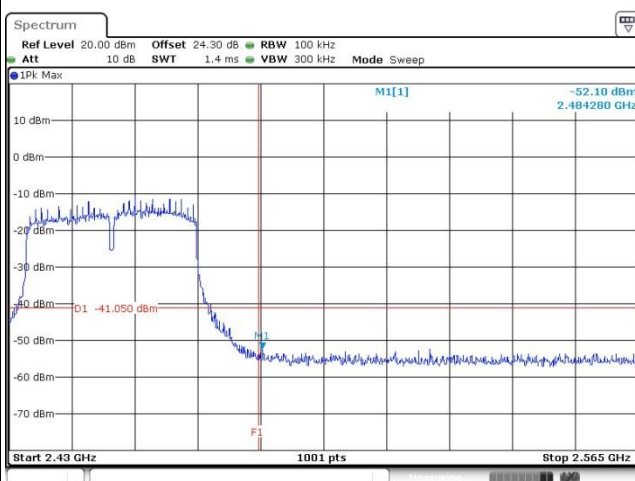
Number of TX :	2	Ant. :	2
Test Mode :	802.11ac VHT40	Temperature :	21~25°C
Test Band :	2.4GHz High	Relative Humidity :	51~54%
Test Channel :	09	Test Engineer :	Derek Hsu

WLAN 802.11ac VHT40 Channel 09

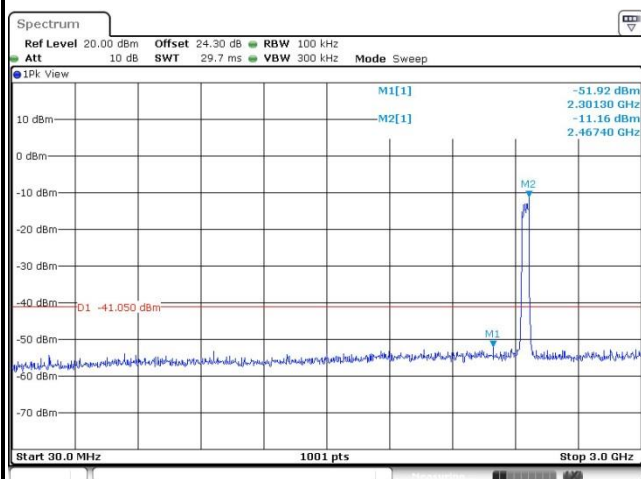
100kHz PSD reference Level



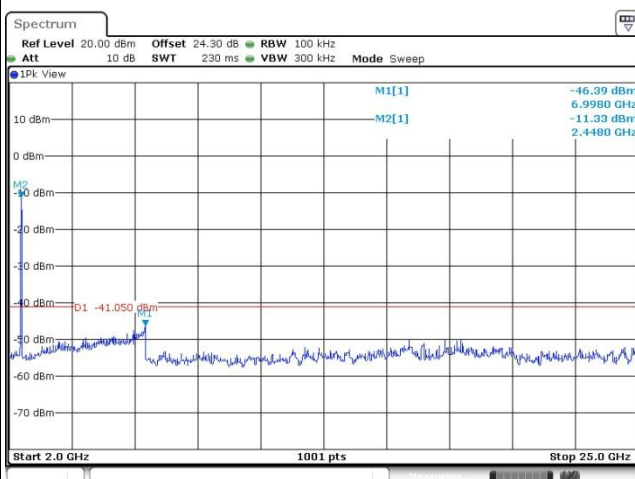
High Channel Plot



Spurious Emission 30MHz~3GHz



Spurious Emission 2GHz~25GHz



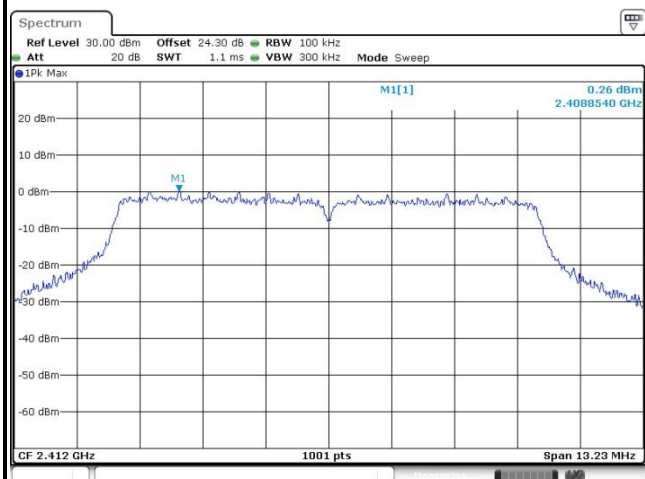


<Ant. Type 7 for PTMP>

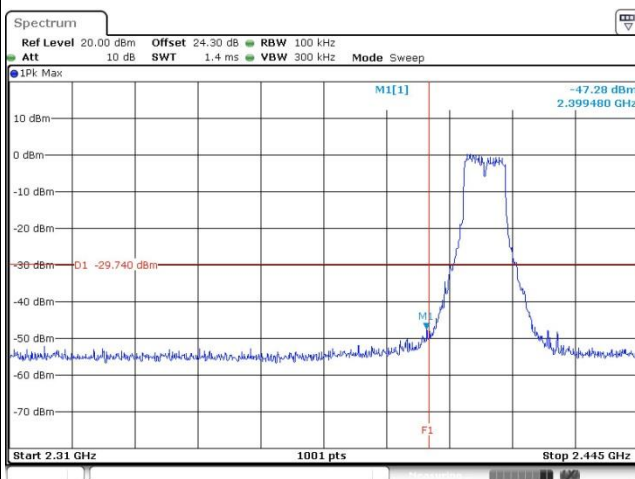
Number of TX :	2	Ant. :	2
Test Mode :	802.11ac VHT10	Temperature :	21~25°C
Test Band :	2.4GHz Low	Relative Humidity :	51~54%
Test Channel :	01	Test Engineer :	Derek Hsu

WLAN 802.11ac VHT10 Channel 01

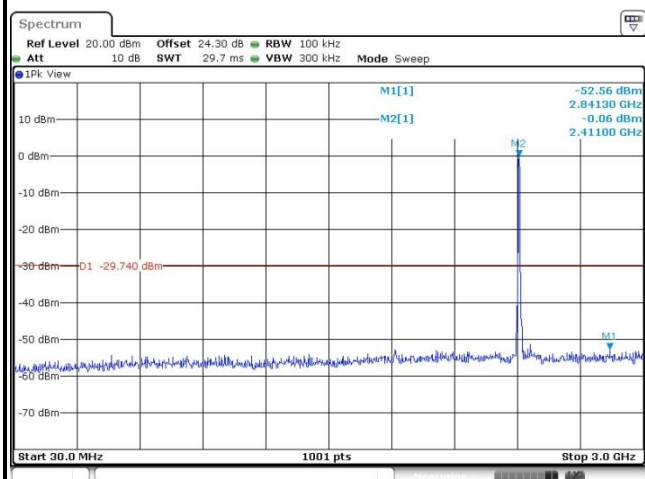
100kHz PSD reference Level



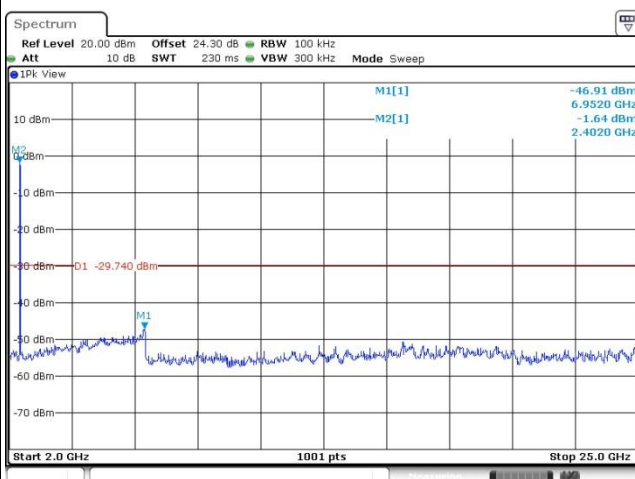
Low Channel Plot



Spurious Emission 30MHz~3GHz



Spurious Emission 2GHz~25GHz

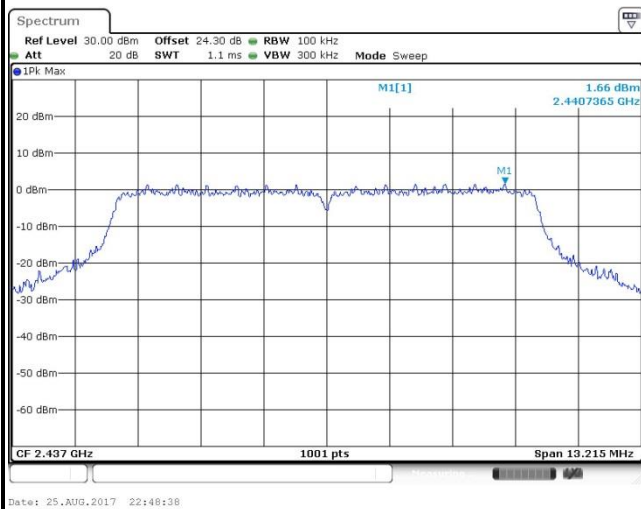




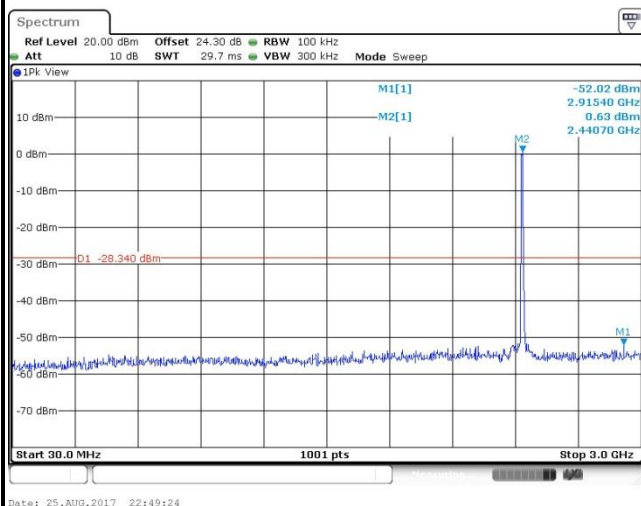
Number of TX :	2	Ant. :	2
Test Mode :	802.11ac VHT10	Temperature :	21~25°C
Test Band :	2.4GHz Mid	Relative Humidity :	51~54%
Test Channel :	06	Test Engineer :	Derek Hsu

WLAN 802.11ac VHT10 Channel 06

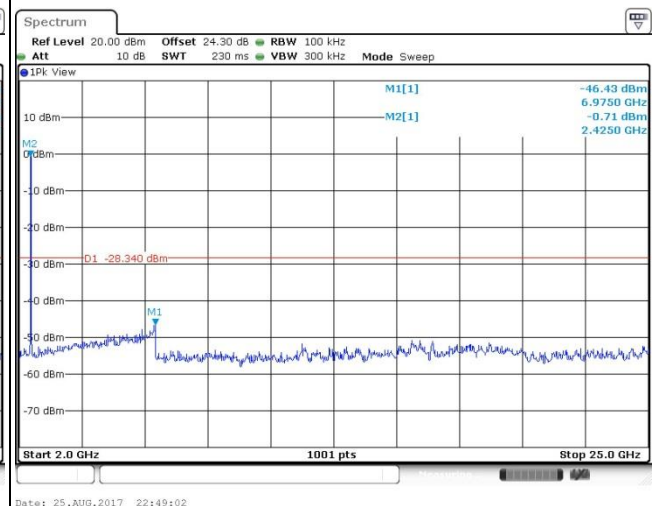
100kHz PSD reference Level



Spurious Emission 30MHz~3GHz



Spurious Emission 2GHz~25GHz

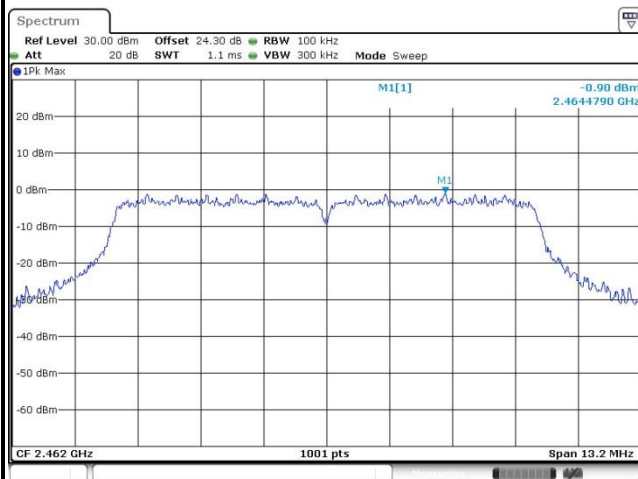




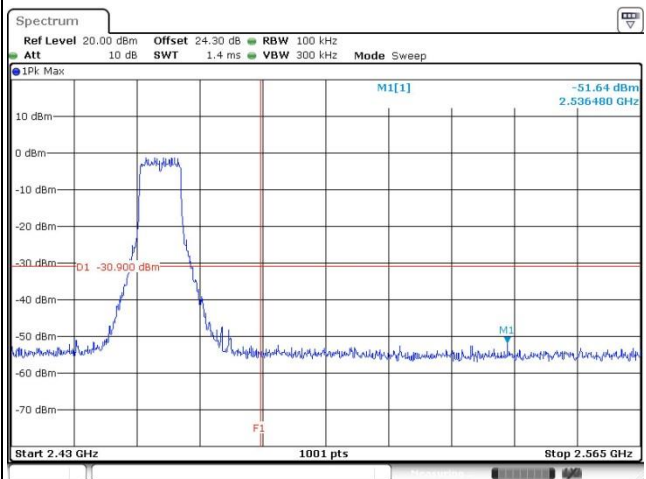
Number of TX :	2	Ant. :	2
Test Mode :	802.11ac VHT10	Temperature :	21~25°C
Test Band :	2.4GHz High	Relative Humidity :	51~54%
Test Channel :	11	Test Engineer :	Derek Hsu

WLAN 802.11ac VHT10 Channel 11

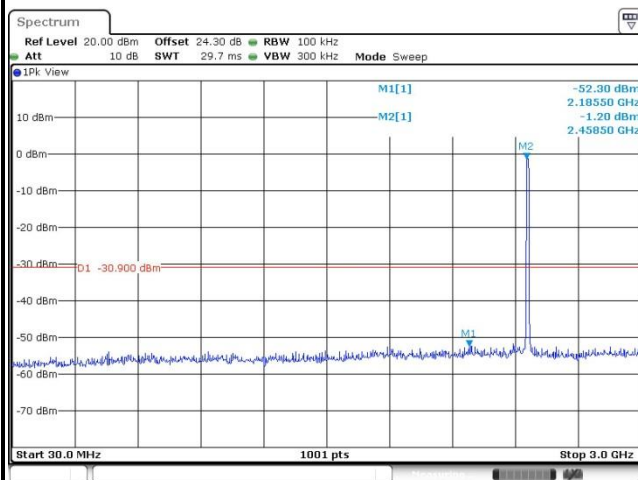
100kHz PSD reference Level



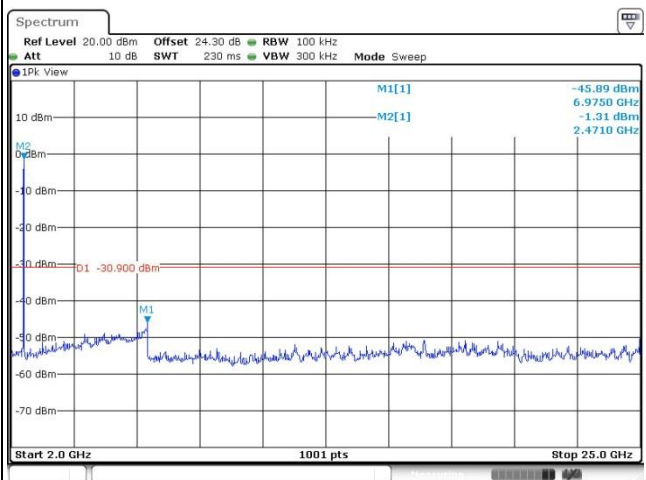
High Channel Plot



Spurious Emission 30MHz~3GHz



Spurious Emission 2GHz~25GHz

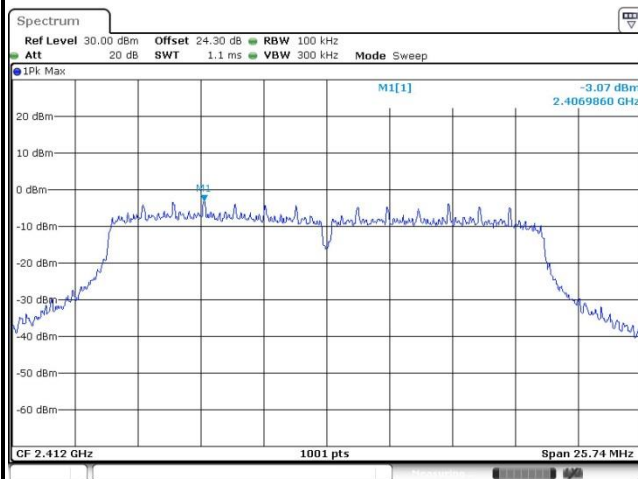




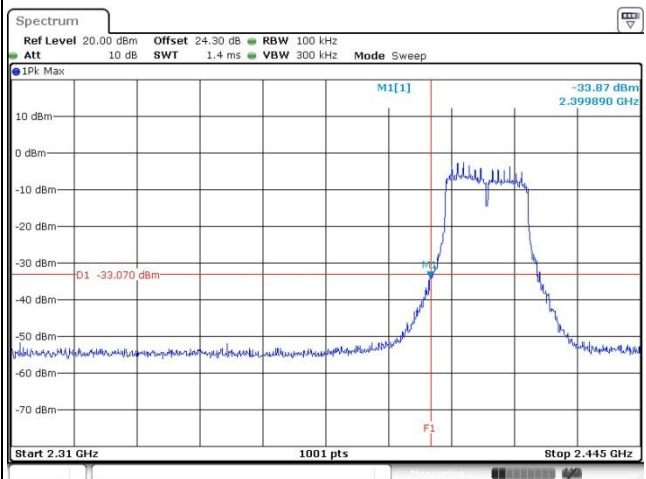
Number of TX :	2	Ant. :	2
Test Mode :	802.11ac VHT20	Temperature :	21~25°C
Test Band :	2.4GHz Low	Relative Humidity :	51~54%
Test Channel :	01	Test Engineer :	Derek Hsu

WLAN 802.11ac VHT20 Channel 01

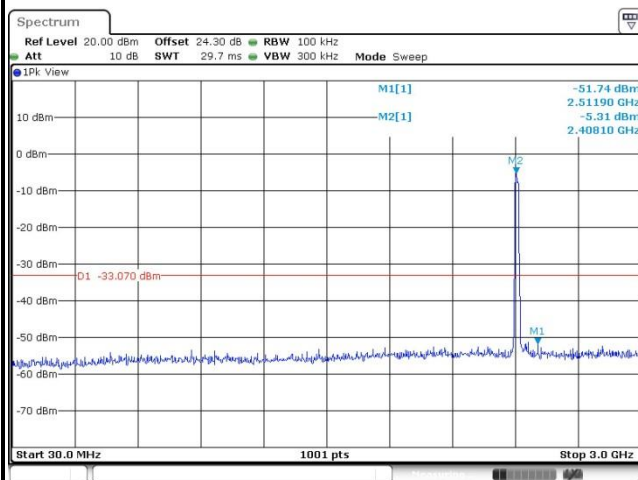
100kHz PSD reference Level



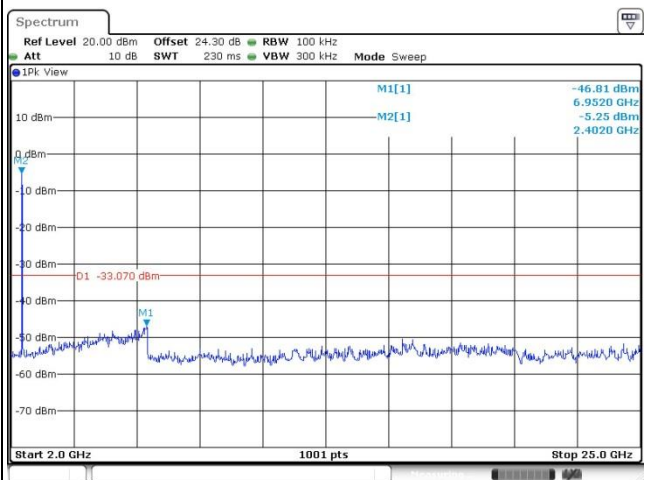
Low Channel Plot



Spurious Emission 30MHz~3GHz



Spurious Emission 2GHz~25GHz

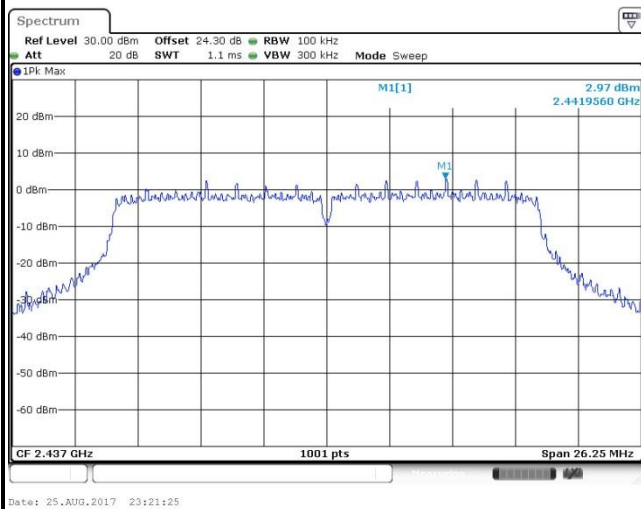




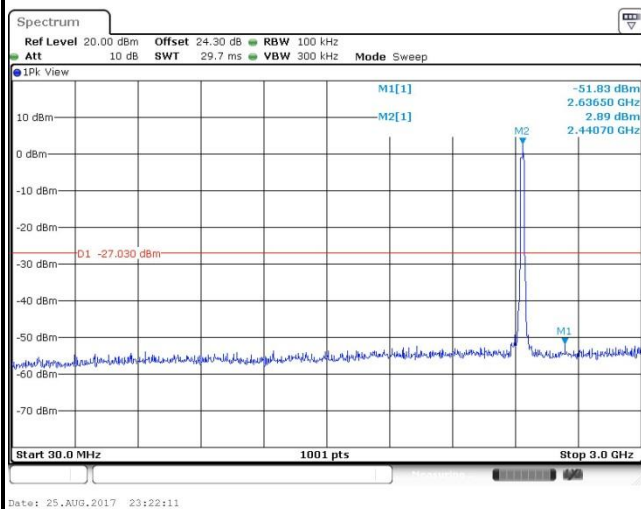
Number of TX :	2	Ant. :	2
Test Mode :	802.11ac VHT20	Temperature :	21~25°C
Test Band :	2.4GHz Mid	Relative Humidity :	51~54%
Test Channel :	06	Test Engineer :	Derek Hsu

WLAN 802.11ac VHT20 Channel 06

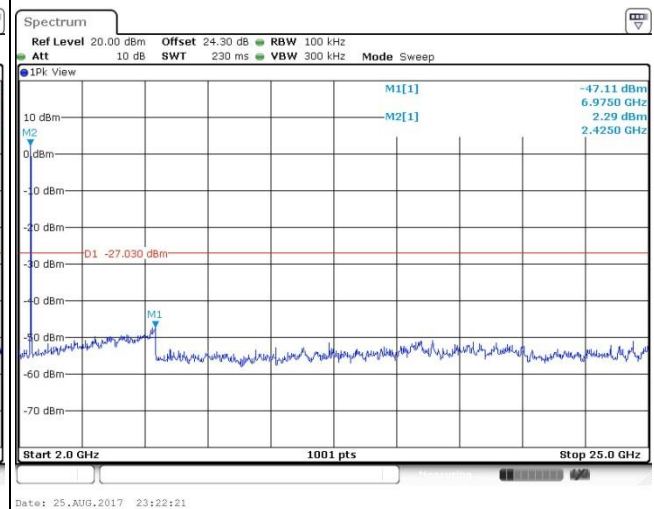
100kHz PSD reference Level



Spurious Emission 30MHz~3GHz

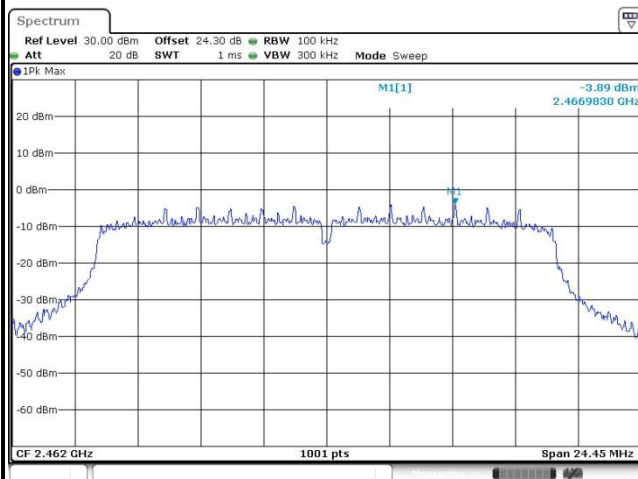
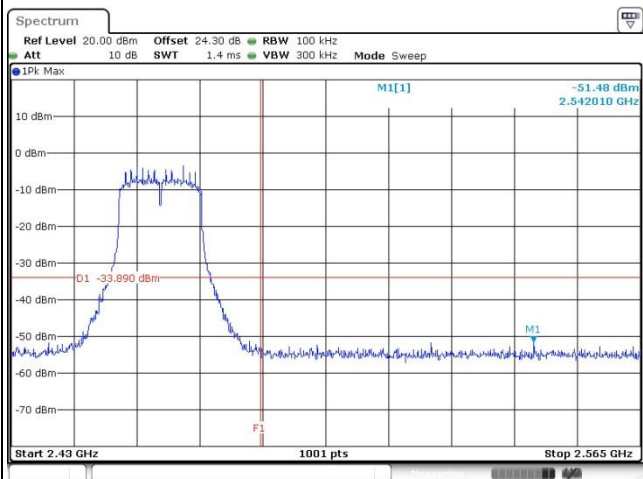
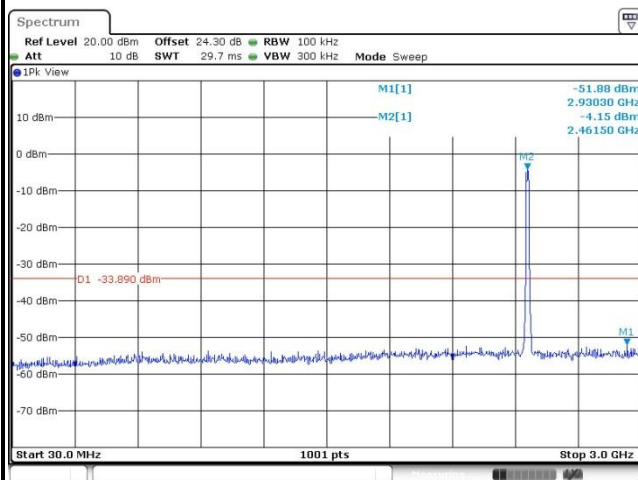
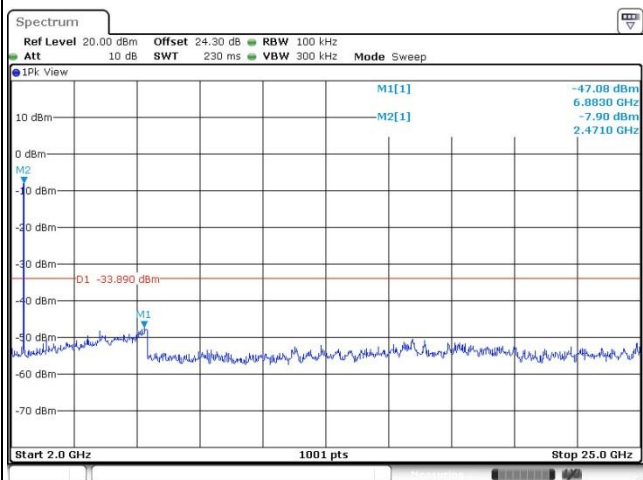


Spurious Emission 2GHz~25GHz





Number of TX :	2	Ant. :	2
Test Mode :	802.11ac VHT20	Temperature :	21~25°C
Test Band :	2.4GHz High	Relative Humidity :	51~54%
Test Channel :	11	Test Engineer :	Derek Hsu

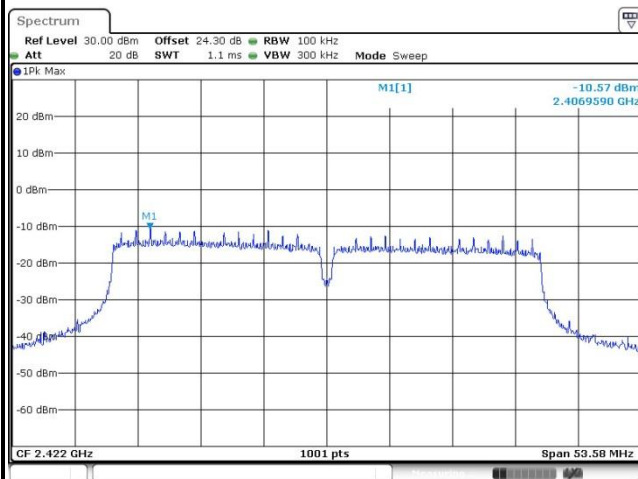
WLAN 802.11ac VHT20 Channel 11**100kHz PSD reference Level****High Channel Plot****Spurious Emission 30MHz~3GHz****Spurious Emission 2GHz~25GHz**



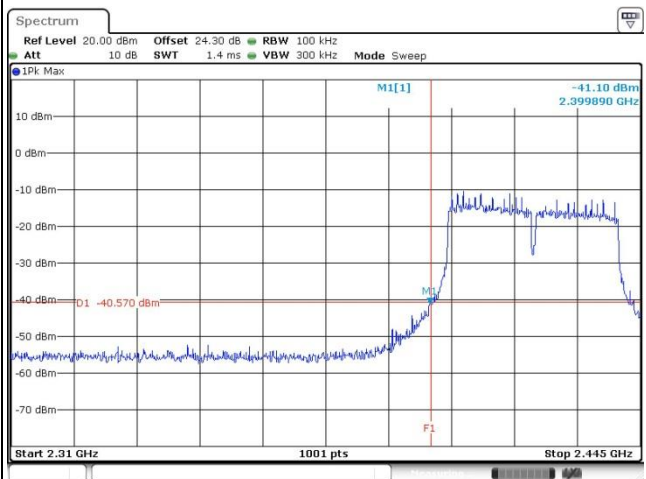
Number of TX :	2	Ant. :	2
Test Mode :	802.11ac VHT40	Temperature :	21~25°C
Test Band :	2.4GHz Low	Relative Humidity :	51~54%
Test Channel :	03	Test Engineer :	Derek Hsu

WLAN 802.11ac VHT40 Channel 03

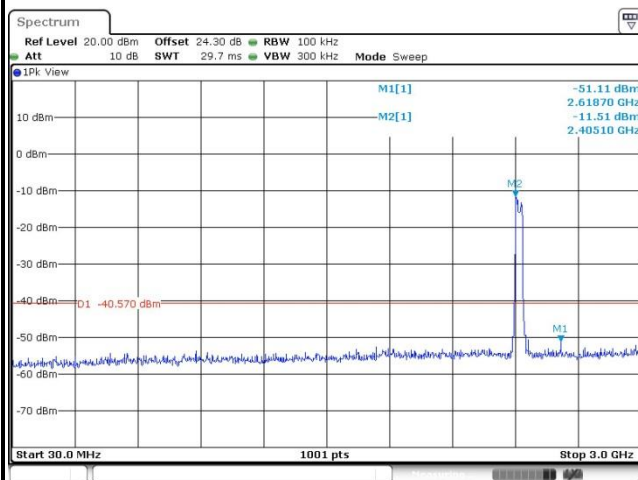
100kHz PSD reference Level



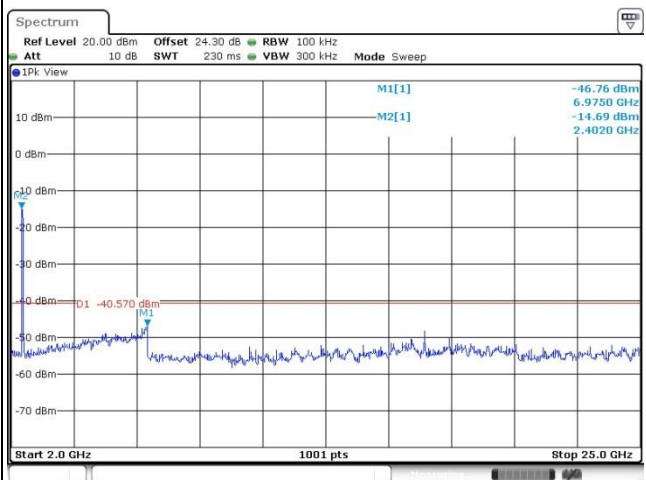
Low Channel Plot



Spurious Emission 30MHz~3GHz



Spurious Emission 2GHz~25GHz

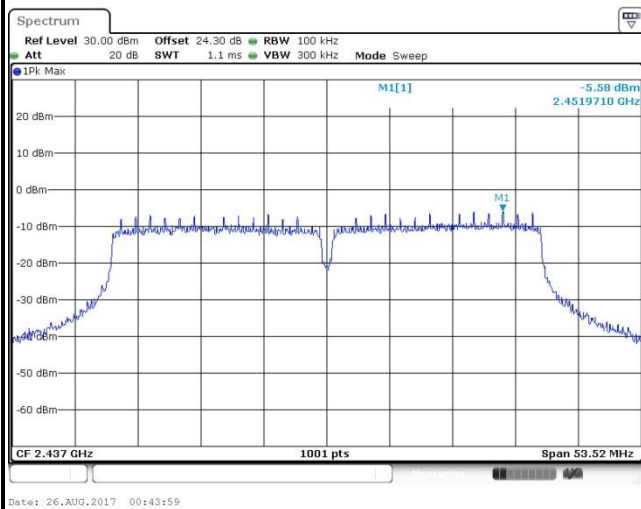




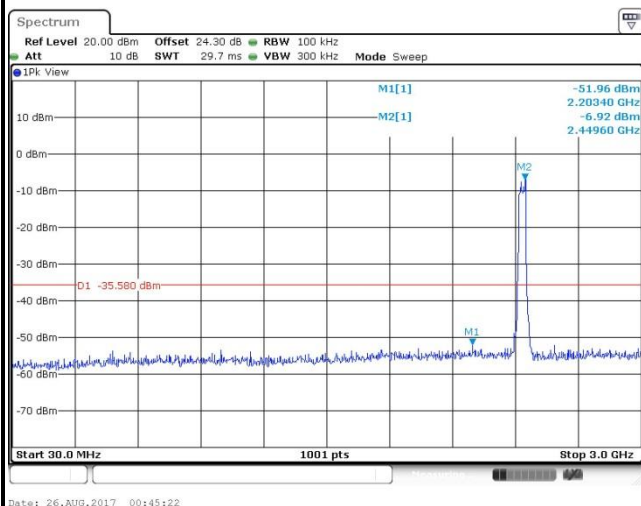
Number of TX :	2	Ant. :	2
Test Mode :	802.11ac VHT40	Temperature :	21~25°C
Test Band :	2.4GHz Mid	Relative Humidity :	51~54%
Test Channel :	06	Test Engineer :	Derek Hsu

WLAN 802.11ac VHT40 Channel 06

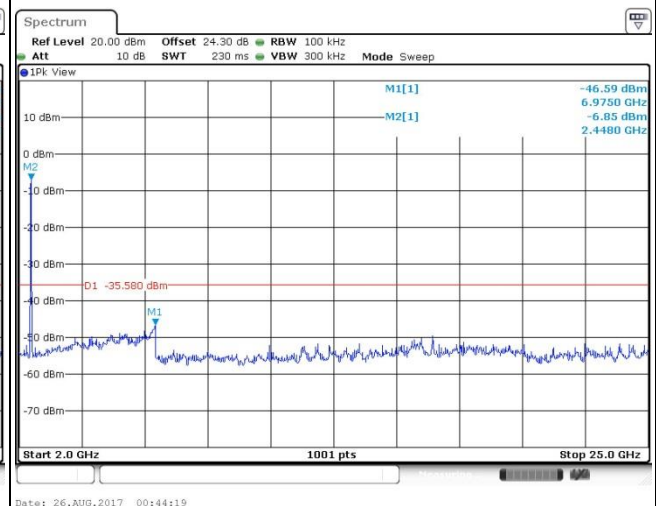
100kHz PSD reference Level



Spurious Emission 30MHz~3GHz



Spurious Emission 2GHz~25GHz

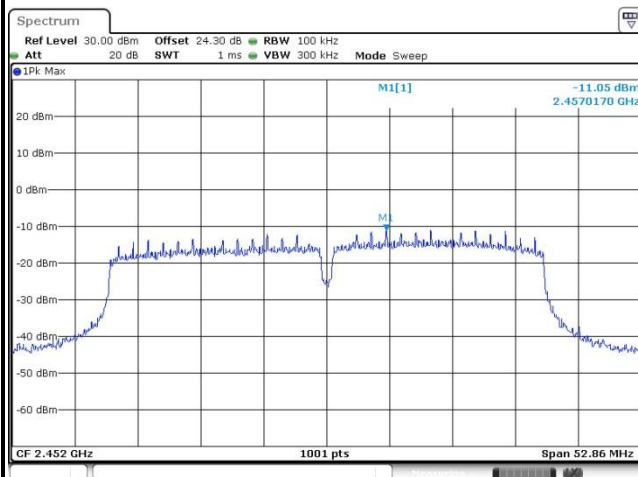




Number of TX :	2	Ant. :	2
Test Mode :	802.11ac VHT40	Temperature :	21~25°C
Test Band :	2.4GHz High	Relative Humidity :	51~54%
Test Channel :	09	Test Engineer :	Derek Hsu

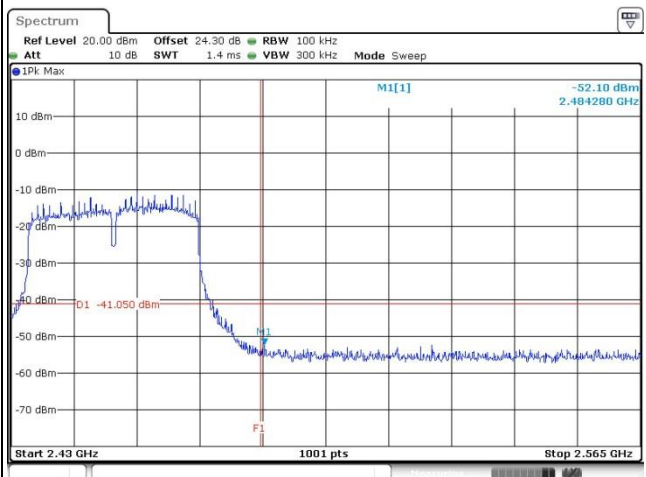
WLAN 802.11ac VHT40 Channel 09

100kHz PSD reference Level



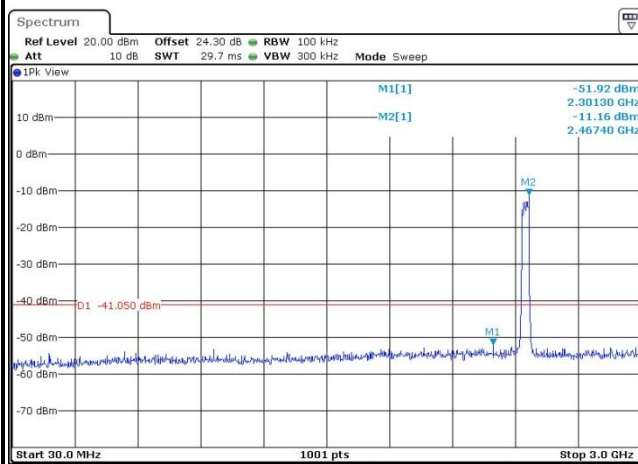
Date: 26.AUG.2017 00:55:19

High Channel Plot



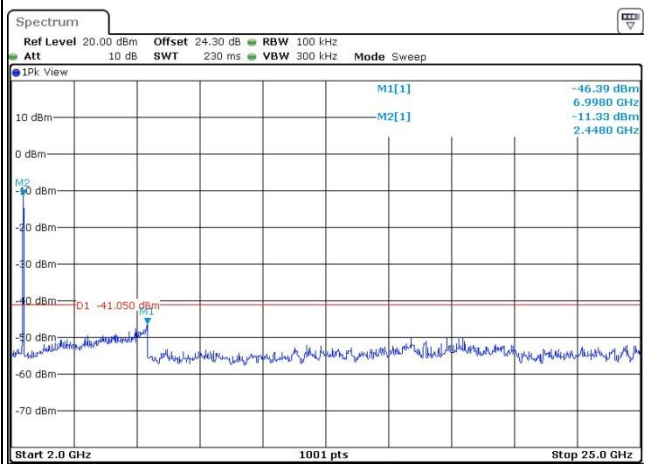
Date: 26.AUG.2017 00:55:34

Spurious Emission 30MHz~3GHz



Date: 26.AUG.2017 00:55:46

Spurious Emission 2GHz~25GHz



Date: 26.AUG.2017 00:55:56



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

The measuring equipment is listed in the section 4 of this test report.



3.5.3 Test Procedures

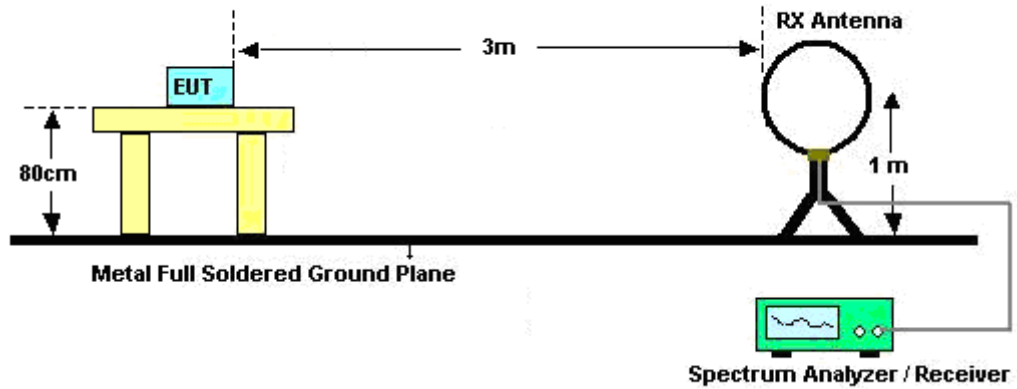
1. The testing follows FCC KDB Publication No. 558074 D01 DTS Meas. Guidance v04.
2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test 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 measurement below 1GHz, If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.
7. Use the following spectrum analyzer settings:
 - (1) Span shall wide enough to fully capture the emission being measured;
 - (2) Set RBW=100 kHz for $f < 1$ GHz; VBW $\geq$ RBW; Sweep = auto; Detector function = peak; Trace = max hold;
 - (3) Set RBW = 1 MHz, VBW= 3MHz for $f \geq 1$ GHz for peak measurement.

For average measurement:

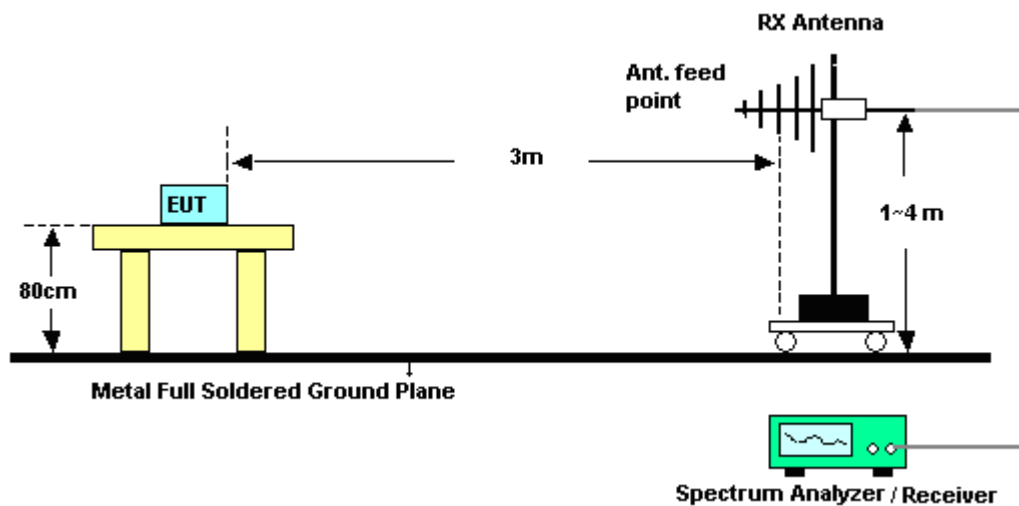
 - VBW = 10 Hz, when duty cycle is no less than 98 percent.
 - VBW $\geq 1/T$, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.

3.5.4 Test Setup

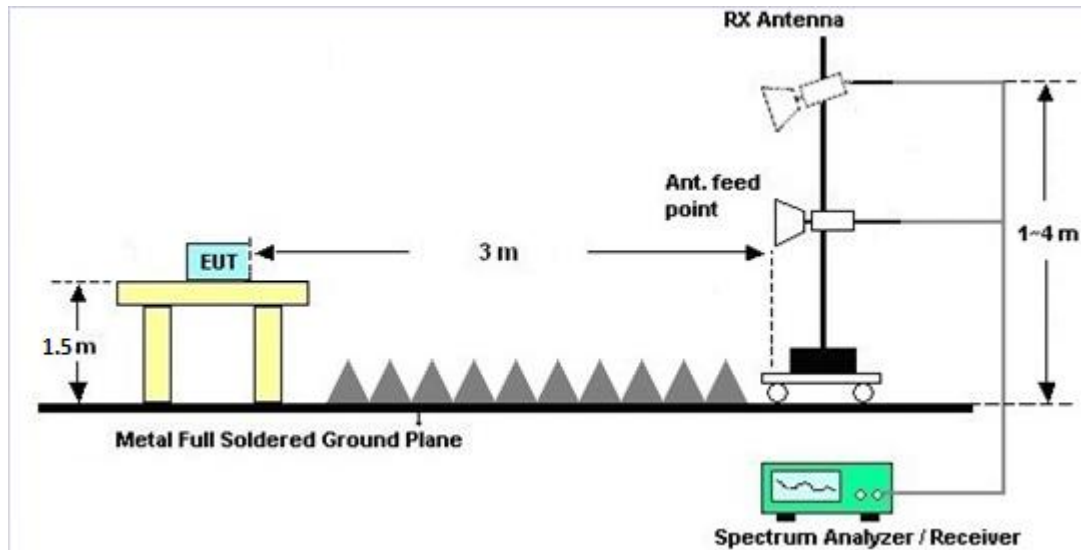
For radiated emissions below 30MHz



For radiated emissions from 30MHz to 1GHz



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.

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

*Decreases with the logarithm of the frequency.

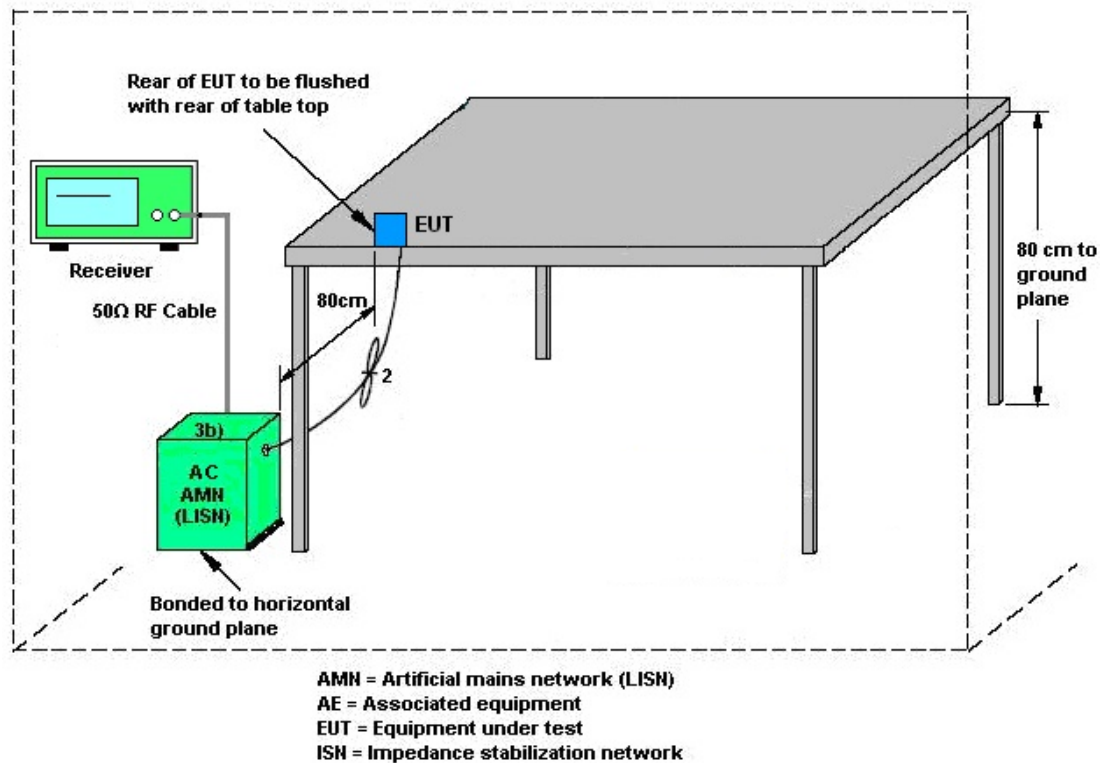
3.6.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

3.6.3 Test Procedures

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

3.6.4 Test Setup



3.6.5 Test Result of AC Conducted Emission

Please refer to Appendix 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. For the fixed point-to-point operation, the power shall be reduced by one dB for every 3 dB that the directional gain of the Antenna exceeds 6 dBi. The use of a permanently attached Antenna or of an Antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the rule.

3.7.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.7.3 Antenna Gain

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.

<PTP>

<Ant. Type 4>

			DG for Power (dBi)	DG for PSD (dBi)	Power Limit Reduction (dB)	PSD Limit Reduction (dB)
	Ant. 1 (dBi)	Ant. 2 (dBi)				
2.4 GHz	13.00	13.00	13.00	16.01	3.00	4.00

<Ant. Type 5>

			DG for Power (dBi)	DG for PSD (dBi)	Power Limit Reduction (dB)	PSD Limit Reduction (dB)
	Ant. 1 (dBi)	Ant. 2 (dBi)				
2.4 GHz	15.00	15.00	15.00	18.01	3.00	5.00

<Ant. Type 6>

			DG for Power (dBi)	DG for PSD (dBi)	Power Limit Reduction (dB)	PSD Limit Reduction (dB)
	Ant. 1 (dBi)	Ant. 2 (dBi)				
2.4 GHz	17.00	17.00	17.00	20.01	4.00	5.00

<Ant. Type 7>

			DG for Power (dBi)	DG for PSD (dBi)	Power Limit Reduction (dB)	PSD Limit Reduction (dB)
	Ant. 1 (dBi)	Ant. 2 (dBi)				
2.4 GHz	17.00	17.00	17.00	20.01	4.00	5.00

Power Limit Reduction = Floor [(DG(Power) – pe 6) / 3] dBi, (min = 0)

PSD Limit Reduction = Floor [(DG(PSD) – 6) / 3] dBi, (min = 0)

<PTMP>

<Ant. Type 4>

			DG for Power (dBi)	DG for PSD (dBi)	Power Limit Reduction (dB)	PSD Limit Reduction (dB)
	Ant. 1 (dBi)	Ant. 2 (dBi)				
2.4 GHz	13.00	13.00	13.00	16.01	7.00	10.01

<Ant. Type 5>

			DG for Power (dBi)	DG for PSD (dBi)	Power Limit Reduction (dB)	PSD Limit Reduction (dB)
	Ant. 1 (dBi)	Ant. 2 (dBi)				
2.4 GHz	15.00	15.00	15.00	18.01	9.00	12.01

<Ant Type 6>

			DG for Power (dBi)	DG for PSD (dBi)	Power Limit Reduction (dB)	PSD Limit Reduction (dB)
	Ant. 1 (dBi)	Ant. 2 (dBi)				
2.4 GHz	17.00	17.00	17.00	20.01	11.00	14.01

<Ant. Type 7>

			DG for Power (dBi)	DG for PSD (dBi)	Power Limit Reduction (dB)	PSD Limit Reduction (dB)
	Ant. 1 (dBi)	Ant. 2 (dBi)				
2.4 GHz	17.00	17.00	17.00	20.01	11.00	14.01

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

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



4 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Power Meter	Anritsu	ML2495A	0932001	N/A	Sep. 29, 2016	Aug. 02, 2017 ~ Aug. 26, 2017	Sep. 28, 2017	Conducted (TH05-HY)
Power Sensor	Anritsu	MA2411B	0846202	300MHz~40GHz	Sep. 29, 2016	Aug. 02, 2017 ~ Aug. 26, 2017	Sep. 28, 2017	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101397	10Hz~40GHz	Nov. 04, 2016	Aug. 02, 2017 ~ Aug. 26, 2017	Nov. 03, 2017	Conducted (TH05-HY)
Spectrum Analyzer	Rohde & Schwarz	FSP30	101067	9kHz ~ 30GHz	Nov. 17, 2016	Aug. 02, 2017 ~ Aug. 26, 2017	Nov. 16, 2017	Conducted (TH05-HY)
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Aug. 03, 2017	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESCI 7	100724	9kHz~7GHz	Aug. 30, 2016	Aug. 03, 2017	Aug. 29, 2017	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100080	9kHz~30MHz	Nov. 29, 2016	Aug. 03, 2017	Nov. 28, 2017	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100081	9kHz~30MHz	Dec. 06, 2016	Aug. 03, 2017	Dec. 05, 2017	Conduction (CO05-HY)
Preamplifier	COM-POWER	PA-103	161075	10MHz~1GHz	Mar. 23, 2017	Aug. 17, 2017 ~ Aug. 24, 2017	Mar. 22, 2018	Radiation (03CH12-HY)
Bilog Antenna	TESEQ	CBL 6111D&00800 N1D01N-06	37059&01	30MHz~1GHz	Oct. 15, 2016	Aug. 17, 2017 ~ Aug. 24, 2017	Oct. 14, 2017	Radiation (03CH12-HY)
EMI Test Receiver	Rohde & Schwarz	ESU26	100390	20Hz~26.5GHz	Dec. 23, 2016	Aug. 17, 2017 ~ Aug. 24, 2017	Dec. 22, 2017	Radiation (03CH12-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120D	9120D-1328	1GHz ~ 18GHz	Oct. 25, 2016	Aug. 17, 2017 ~ Aug. 24, 2017	Oct. 24, 2017	Radiation (03CH12-HY)
Preamplifier	MITEQ	AMF-7D-0010 1800-30-10P	1815698	1GHz~18GHz	Dec. 01, 2016	Aug. 17, 2017 ~ Aug. 24, 2017	Nov. 30, 2017	Radiation (03CH12-HY)
Preamplifier	Keysight	83017A	MY53270148	1GHz~26.5GHz	Jan. 12, 2017	Aug. 17, 2017 ~ Aug. 24, 2017	Jan. 11, 2018	Radiation (03CH12-HY)
Filter	Wainwright	WLJ4-1000-1 530-6000-40S T	SN3	1.53 GHz Lowpass	Mar. 24, 2017	Aug. 17, 2017 ~ Aug. 24, 2017	Mar. 23, 2018	Radiation (03CH12-HY)
Filter	Wainwright	WHKX12-270 0-3000-18000 -60ST	SN2	3 GHz Highpass	Jul. 17, 2017	Aug. 17, 2017 ~ Aug. 24, 2017	Jul. 16, 2018	Radiation (03CH12-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1m~4m	N/A	Aug. 17, 2017 ~ Aug. 24, 2017	N/A	Radiation (03CH12-HY)
Turn Table	EMEC	TT2000	N/A	0~360 Degree	N/A	Aug. 17, 2017 ~ Aug. 24, 2017	N/A	Radiation (03CH12-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170576	18GHz ~ 40GHz	Apr. 27, 2017	Aug. 17, 2017 ~ Aug. 24, 2017	Apr. 26, 2018	Radiation (03CH12-HY)
Preamplifier	MITEQ	TTA1840-35-HG	1887435	18GHz~40GHz	Oct. 13, 2016	Aug. 17, 2017 ~ Aug. 24, 2017	Oct. 12, 2017	Radiation (03CH12-HY)

5 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	2.70
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Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.10
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Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.20
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Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.70
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Appendix A. Test Result of Conducted Test Items**<Ant. Type 4 PTP>**

Test Engineer:	Derek Hsu	Temperature:	21~25	°C
Test Date:	2017/08/02 ~ 2017/08/26	Relative Humidity:	51~54	%

TEST RESULTS DATA
6dB and 99% Occupied Bandwidth

2.4GHz Band									
Mod.	Data Rate	NTX	Freq. (MHz)	99% Occupied BW (MHz)		6dB BW (MHz)		6dB BW Limit (MHz)	Pass/Fail
				Ant 1	Ant 2	Ant 1	Ant 2		
VHT10	MCS0	2	2412	10.29	10.24	8.83	8.82	0.50	Pass
VHT10	MCS0	2	2437	10.21	10.19	8.84	8.83	0.50	Pass
VHT10	MCS0	2	2462	10.19	10.11	8.81	8.83	0.50	Pass
VHT20	MCS0	2	2412	18.78	18.63	17.14	16.56	0.50	Pass
VHT20	MCS0	2	2437	18.83	18.68	17.54	17.28	0.50	Pass
VHT20	MCS0	2	2462	18.48	18.53	17.48	17.28	0.50	Pass
VHT40	MCS0	2	2422	36.86	36.96	35.68	35.72	0.50	Pass
VHT40	MCS0	2	2437	37.16	37.06	36.28	36.04	0.50	Pass
VHT40	MCS0	2	2452	36.76	36.56	35.45	35.29	0.50	Pass

TEST RESULTS DATA
Peak Output Power

2.4GHz Band										
Mod.	Data Rate	NTx	Freq. (MHz)	Peak Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	
				Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2
VHT10	MCS0	2	2412	21.81	21.85	24.84	13.00		37.84	
VHT10	MCS0	2	2437	24.85	25.04	27.96	13.00		40.96	
VHT10	MCS0	2	2462	24.50	24.42	27.47	13.00		40.47	
VHT20	MCS0	2	2412	19.55	19.87	22.72	13.00		35.72	
VHT20	MCS0	2	2437	27.35	27.60	30.49	13.00		43.49	
VHT20	MCS0	2	2462	19.05	19.04	22.06	13.00		35.06	
VHT40	MCS0	2	2422	13.50	13.60	16.56	13.00		29.56	
VHT40	MCS0	2	2437	19.90	20.54	23.24	13.00		36.24	
VHT40	MCS0	2	2452	13.55	13.98	16.78	13.00		29.78	

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

TEST RESULTS DATA
Average Output Power

2.4GHz Band													
Mod.	Data Rate	NTX	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power (dBm)			Conducted Power Limit (dBm)		DG (dBi)		Pass /Fail
				Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
VHT10	MCS0	2	2412	0.15	0.40	15.77	16.16	18.98	27.00		13.00		Pass
VHT10	MCS0	2	2437	0.15	0.40	18.81	19.35	22.10	27.00		13.00		Pass
VHT10	MCS0	2	2462	0.15	0.40	18.59	18.85	21.73	27.00		13.00		Pass
VHT20	MCS0	2	2412	0.27	0.27	13.25	13.56	16.41	27.00		13.00		Pass
VHT20	MCS0	2	2437	0.27	0.27	20.81	21.37	24.10	27.00		13.00		Pass
VHT20	MCS0	2	2462	0.27	0.27	12.82	12.77	15.80	27.00		13.00		Pass
VHT40	MCS0	2	2422	0.43	0.51	6.97	7.31	10.16	27.00		13.00		Pass
VHT40	MCS0	2	2437	0.43	0.51	14.08	14.56	17.34	27.00		13.00		Pass
VHT40	MCS0	2	2452	0.43	0.51	6.99	7.38	10.20	27.00		13.00		Pass

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

TEST RESULTS DATA
Average Power Spectral Density

2.4GHz Band											
Mod.	Data Rate	NTX	Freq. (MHz)	Average PSD (dBm/3kHz)			DG (dBi)		Average PSD Limit (dBm/3kHz)		Pass/Fail
				Ant 1	Ant 2	Worse + 3.01	Ant 1	Ant 2	Ant 1	Ant 2	
VHT10	MCS0	2	2412	-11.45	-11.06	-8.05	16.01		4.00		Pass
VHT10	MCS0	2	2437	-8.35	-7.42	-4.41	16.01		4.00		Pass
VHT10	MCS0	2	2462	-8.57	-8.36	-5.35	16.01		4.00		Pass
VHT20	MCS0	2	2412	-16.54	-15.40	-12.39	16.01		4.00		Pass
VHT20	MCS0	2	2437	-9.13	-8.73	-5.72	16.01		4.00		Pass
VHT20	MCS0	2	2462	-16.84	-16.78	-13.77	16.01		4.00		Pass
VHT40	MCS0	2	2422	-24.59	-23.83	-20.82	16.01		4.00		Pass
VHT40	MCS0	2	2437	-17.58	-15.88	-12.87	16.01		4.00		Pass
VHT40	MCS0	2	2452	-24.11	-23.76	-20.75	16.01		4.00		Pass

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

<Ant. Type 4 PTMP>

Test Engineer:	Derek Hsu	Temperature:	21~25	°C
Test Date:	2017/08/02 ~ 2017/08/26	Relative Humidity:	51~54	%

TEST RESULTS DATA
6dB and 99% Occupied Bandwidth

2.4GHz Band									
Mod.	Data Rate	NTX	Freq. (MHz)	99% Occupied BW (MHz)		6dB BW (MHz)		6dB BW Limit (MHz)	Pass/Fail
				Ant 1	Ant 2	Ant 1	Ant 2		
VHT10	MCS0	2	2412	10.29	10.24	8.83	8.82	0.50	Pass
VHT10	MCS0	2	2437	10.21	10.19	8.84	8.83	0.50	Pass
VHT10	MCS0	2	2462	10.19	10.11	8.81	8.83	0.50	Pass
VHT20	MCS0	2	2412	18.78	18.63	17.14	16.56	0.50	Pass
VHT20	MCS0	2	2437	18.78	18.78	17.54	17.54	0.50	Pass
VHT20	MCS0	2	2462	18.48	18.53	17.48	17.28	0.50	Pass
VHT40	MCS0	2	2422	36.86	36.96	35.68	35.72	0.50	Pass
VHT40	MCS0	2	2437	37.16	37.06	36.28	36.04	0.50	Pass
VHT40	MCS0	2	2452	36.76	36.56	35.45	35.29	0.50	Pass

TEST RESULTS DATA
Peak Output Power

2.4GHz Band										
Mod.	Data Rate	NTX	Freq. (MHz)	Peak Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	
				Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2
VHT10	MCS0	2	2412	21.81	21.85	24.84	13.00		37.84	
VHT10	MCS0	2	2437	24.85	25.04	27.96	13.00		40.96	
VHT10	MCS0	2	2462	24.50	24.42	27.47	13.00		40.47	
VHT20	MCS0	2	2412	19.55	19.87	22.72	13.00		35.72	
VHT20	MCS0	2	2437	25.99	26.58	29.31	13.00		42.31	
VHT20	MCS0	2	2462	19.05	19.04	22.06	13.00		35.06	
VHT40	MCS0	2	2422	13.50	13.60	16.56	13.00		29.56	
VHT40	MCS0	2	2437	19.90	20.54	23.24	13.00		36.24	
VHT40	MCS0	2	2452	13.55	13.98	16.78	13.00		29.78	

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

TEST RESULTS DATA
Average Output Power

2.4GHz Band																	
Mod.	Data Rate	NTx	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power (dBm)			Conducted Power Limit (dBm)		DG (dBi)		EIRP Power (dBm)		EIRP Power Limit (dBm)		Pass /Fail
				Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
VHT10	MCS0	2	2412	0.15	0.40	15.77	16.16	18.98	23.00		13.00		31.98		36.00		Pass
VHT10	MCS0	2	2437	0.15	0.40	18.81	19.35	22.10	23.00		13.00		35.10		36.00		Pass
VHT10	MCS0	2	2462	0.15	0.40	18.59	18.85	21.73	23.00		13.00		34.73		36.00		Pass
VHT20	MCS0	2	2412	0.27	0.27	13.25	13.56	16.41	23.00		13.00		29.41		36.00		Pass
VHT20	MCS0	2	2437	0.27	0.27	19.71	20.25	22.99	23.00		13.00		35.99		36.00		Pass
VHT20	MCS0	2	2462	0.27	0.27	12.82	12.77	15.80	23.00		13.00		28.80		36.00		Pass
VHT40	MCS0	2	2422	0.43	0.51	6.97	7.31	10.16	23.00		13.00		23.16		36.00		Pass
VHT40	MCS0	2	2437	0.43	0.51	14.08	14.56	17.34	23.00		13.00		30.34		36.00		Pass
VHT40	MCS0	2	2452	0.43	0.51	6.99	7.38	10.20	23.00		13.00		23.20		36.00		Pass

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

TEST RESULTS DATA
Average Power Spectral Density

2.4GHz Band											
Mod.	Data Rate	NTX	Freq. (MHz)	Average PSD (dBm/3kHz)			DG (dBi)		Average PSD Limit (dBm/3kHz)		Pass/Fail
				Ant 1	Ant 2	Worse + 3.01	Ant 1	Ant 2	Ant 1	Ant 2	
VHT10	MCS0	2	2412	-11.45	-11.06	-8.05	16.01		-2.01		Pass
VHT10	MCS0	2	2437	-8.35	-7.42	-4.41	16.01		-2.01		Pass
VHT10	MCS0	2	2462	-8.57	-8.36	-5.35	16.01		-2.01		Pass
VHT20	MCS0	2	2412	-16.54	-15.40	-12.39	16.01		-2.01		Pass
VHT20	MCS0	2	2437	-9.29	-8.83	-5.82	16.01		-2.01		Pass
VHT20	MCS0	2	2462	-16.84	-16.78	-13.77	16.01		-2.01		Pass
VHT40	MCS0	2	2422	-24.59	-23.83	-20.82	16.01		-2.01		Pass
VHT40	MCS0	2	2437	-17.58	-15.88	-12.87	16.01		-2.01		Pass
VHT40	MCS0	2	2452	-24.11	-23.76	-20.75	16.01		-2.01		Pass

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

<Ant. Type 5 PTP>

Test Engineer:	Derek Hsu	Temperature:	21~25	°C
Test Date:	2017/08/02 ~ 2017/08/26	Relative Humidity:	51~54	%

TEST RESULTS DATA
6dB and 99% Occupied Bandwidth

2.4GHz Band									
Mod.	Data Rate	NTX	Freq. (MHz)	99% Occupied BW (MHz)		6dB BW (MHz)		6dB BW Limit (MHz)	Pass/Fail
				Ant 1	Ant 2	Ant 1	Ant 2		
VHT10	MCS0	2	2412	10.26	10.19	8.81	8.82	0.50	Pass
VHT10	MCS0	2	2437	10.24	10.21	8.82	8.82	0.50	Pass
VHT10	MCS0	2	2462	10.19	10.11	8.81	8.81	0.50	Pass
VHT20	MCS0	2	2412	18.68	18.68	16.92	16.94	0.50	Pass
VHT20	MCS0	2	2437	18.68	18.68	17.54	17.28	0.50	Pass
VHT20	MCS0	2	2462	18.53	18.53	17.52	17.50	0.50	Pass
VHT40	MCS0	2	2422	36.76	36.96	35.68	35.72	0.50	Pass
VHT40	MCS0	2	2437	37.16	37.06	36.28	36.04	0.50	Pass
VHT40	MCS0	2	2452	36.66	36.66	35.41	35.68	0.50	Pass

TEST RESULTS DATA
Peak Output Power

2.4GHz Band										
Mod.	Data Rate	NTX	Freq. (MHz)	Peak Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	
				Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2
VHT10	MCS0	2	2412	19.71	20.00	22.87	15.00		37.87	
VHT10	MCS0	2	2437	23.32	23.73	26.54	15.00		41.54	
VHT10	MCS0	2	2462	21.45	21.50	24.49	15.00		39.49	
VHT20	MCS0	2	2412	17.70	17.90	20.81	15.00		35.81	
VHT20	MCS0	2	2437	24.70	24.90	27.81	15.00		42.81	
VHT20	MCS0	2	2462	16.63	16.60	19.63	15.00		34.63	
VHT40	MCS0	2	2422	12.90	13.01	15.97	15.00		30.97	
VHT40	MCS0	2	2437	17.98	18.60	21.31	15.00		36.31	
VHT40	MCS0	2	2452	12.71	12.96	15.85	15.00		30.85	

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

TEST RESULTS DATA
Average Output Power

2.4GHz Band													
Mod.	Data Rate	NTX	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power (dBm)			Conducted Power Limit (dBm)		DG (dBi)		Pass /Fail
				Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
VHT10	MCS0	2	2412	0.15	0.40	13.75	14.15	16.96	27.00		15.00		Pass
VHT10	MCS0	2	2437	0.15	0.40	17.50	18.10	20.82	27.00		15.00		Pass
VHT10	MCS0	2	2462	0.15	0.40	15.50	15.81	18.67	27.00		15.00		Pass
VHT20	MCS0	2	2412	0.27	0.27	11.45	11.73	14.60	27.00		15.00		Pass
VHT20	MCS0	2	2437	0.27	0.27	18.52	18.86	21.70	27.00		15.00		Pass
VHT20	MCS0	2	2462	0.27	0.27	10.37	10.37	13.38	27.00		15.00		Pass
VHT40	MCS0	2	2422	0.43	0.51	6.48	6.83	9.67	27.00		15.00		Pass
VHT40	MCS0	2	2437	0.43	0.51	12.06	12.55	15.32	27.00		15.00		Pass
VHT40	MCS0	2	2452	0.43	0.51	6.15	6.51	9.35	27.00		15.00		Pass

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

TEST RESULTS DATA
Average Power Spectral Density

2.4GHz Band											
Mod.	Data Rate	NTX	Freq. (MHz)	Average PSD (dBm/3kHz)			DG (dBi)		Average PSD Limit (dBm/3kHz)		Pass/Fail
				Ant 1	Ant 2	Worse + 3.01	Ant 1	Ant 2	Ant 1	Ant 2	
VHT10	MCS0	2	2412	-13.50	-12.58	-9.57	18.01		3.00		Pass
VHT10	MCS0	2	2437	-9.45	-8.92	-5.91	18.01		3.00		Pass
VHT10	MCS0	2	2462	-11.02	-10.80	-7.79	18.01		3.00		Pass
VHT20	MCS0	2	2412	-17.96	-17.45	-14.44	18.01		3.00		Pass
VHT20	MCS0	2	2437	-11.66	-11.35	-8.34	18.01		3.00		Pass
VHT20	MCS0	2	2462	-19.32	-19.35	-16.31	18.01		3.00		Pass
VHT40	MCS0	2	2422	-25.02	-24.84	-21.83	18.01		3.00		Pass
VHT40	MCS0	2	2437	-19.83	-18.56	-15.55	18.01		3.00		Pass
VHT40	MCS0	2	2452	-25.68	-24.24	-21.23	18.01		3.00		Pass

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

<Ant. Type 5 PTMP>

Test Engineer:	Derek Hsu	Temperature:	21~25	°C
Test Date:	2017/08/02 ~ 2017/08/26	Relative Humidity:	51~54	%

TEST RESULTS DATA
6dB and 99% Occupied Bandwidth

2.4GHz Band									
Mod.	Data Rate	NTX	Freq. (MHz)	99% Occupied BW (MHz)		6dB BW (MHz)		6dB BW Limit (MHz)	Pass/Fail
				Ant 1	Ant 2	Ant 1	Ant 2		
VHT10	MCS0	2	2412	10.26	10.19	8.81	8.82	0.50	Pass
VHT10	MCS0	2	2437	10.24	10.21	8.82	8.82	0.50	Pass
VHT10	MCS0	2	2462	10.19	10.11	8.81	8.81	0.50	Pass
VHT20	MCS0	2	2412	18.68	18.68	16.92	16.94	0.50	Pass
VHT20	MCS0	2	2437	18.68	18.68	17.54	17.28	0.50	Pass
VHT20	MCS0	2	2462	18.53	18.53	17.52	17.50	0.50	Pass
VHT40	MCS0	2	2422	36.76	36.96	35.68	35.72	0.50	Pass
VHT40	MCS0	2	2437	37.16	37.06	36.28	36.04	0.50	Pass
VHT40	MCS0	2	2452	36.66	36.66	35.41	35.68	0.50	Pass

TEST RESULTS DATA
Peak Output Power

2.4GHz Band										
Mod.	Data Rate	N _{TX}	Freq. (MHz)	Peak Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	
				Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2
VHT10	MCS0	2	2412	19.71	20.00	22.87	15.00		37.87	
VHT10	MCS0	2	2437	23.32	23.73	26.54	15.00		41.54	
VHT10	MCS0	2	2462	21.45	21.50	24.49	15.00		39.49	
VHT20	MCS0	2	2412	17.70	17.90	20.81	15.00		35.81	
VHT20	MCS0	2	2437	23.65	23.90	26.79	15.00		41.79	
VHT20	MCS0	2	2462	16.63	16.60	19.63	15.00		34.63	
VHT40	MCS0	2	2422	12.90	13.01	15.97	15.00		30.97	
VHT40	MCS0	2	2437	17.98	18.60	21.31	15.00		36.31	
VHT40	MCS0	2	2452	12.71	12.96	15.85	15.00		30.85	

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

TEST RESULTS DATA
Average Output Power

2.4GHz Band																	
Mod.	Data Rate	NTx	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power (dBm)			Conducted Power Limit (dBm)		DG (dBi)		EIRP Power (dBm)		EIRP Power Limit (dBm)		Pass /Fail
				Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
VHT10	MCS0	2	2412	0.15	0.40	13.75	14.15	16.96	21.00		15.00		31.96		36.00		Pass
VHT10	MCS0	2	2437	0.15	0.40	17.50	18.10	20.82	21.00		15.00		35.82		36.00		Pass
VHT10	MCS0	2	2462	0.15	0.40	15.50	15.81	18.67	21.00		15.00		33.67		36.00		Pass
VHT20	MCS0	2	2412	0.27	0.27	11.45	11.73	14.60	21.00		15.00		29.60		36.00		Pass
VHT20	MCS0	2	2437	0.27	0.27	17.55	17.93	20.75	21.00		15.00		35.75		36.00		Pass
VHT20	MCS0	2	2462	0.27	0.27	10.37	10.37	13.38	21.00		15.00		28.38		36.00		Pass
VHT40	MCS0	2	2422	0.43	0.51	6.48	6.83	9.67	21.00		15.00		24.67		36.00		Pass
VHT40	MCS0	2	2437	0.43	0.51	12.06	12.55	15.32	21.00		15.00		30.32		36.00		Pass
VHT40	MCS0	2	2452	0.43	0.51	6.15	6.51	9.35	21.00		15.00		24.35		36.00		Pass

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

TEST RESULTS DATA
Average Power Spectral Density

2.4GHz Band											
Mod.	Data Rate	NTx	Freq. (MHz)	Average PSD (dBm/3kHz)			DG (dBi)		Average PSD Limit (dBm/3kHz)		Pass/Fail
				Ant 1	Ant 2	Worse + 3.01	Ant 1	Ant 2	Ant 1	Ant 2	
VHT10	MCS0	2	2412	-13.50	-12.58	-9.57	18.01		-4.01		Pass
VHT10	MCS0	2	2437	-9.45	-8.92	-5.91	18.01		-4.01		Pass
VHT10	MCS0	2	2462	-11.02	-10.80	-7.79	18.01		-4.01		Pass
VHT20	MCS0	2	2412	-17.96	-17.45	-14.44	18.01		-4.01		Pass
VHT20	MCS0	2	2437	-12.21	-11.39	-8.38	18.01		-4.01		Pass
VHT20	MCS0	2	2462	-19.32	-19.35	-16.31	18.01		-4.01		Pass
VHT40	MCS0	2	2422	-25.02	-24.84	-21.83	18.01		-4.01		Pass
VHT40	MCS0	2	2437	-19.83	-18.56	-15.55	18.01		-4.01		Pass
VHT40	MCS0	2	2452	-25.68	-24.24	-21.23	18.01		-4.01		Pass

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

<Ant. Type 6 PTP>

Test Engineer:	Derek Hsu	Temperature:	21~25	°C
Test Date:	2017/08/02 ~ 2017/08/26	Relative Humidity:	51~54	%

TEST RESULTS DATA
6dB and 99% Occupied Bandwidth

2.4GHz Band									
Mod.	Data Rate	NTX	Freq. (MHz)	99% Occupied BW (MHz)		6dB BW (MHz)		6dB BW Limit (MHz)	Pass/Fail
				Ant 1	Ant 2	Ant 1	Ant 2		
VHT10	MCS0	2	2412	10.21	10.24	8.81	8.81	0.50	Pass
VHT10	MCS0	2	2437	10.26	10.24	8.84	8.85	0.50	Pass
VHT10	MCS0	2	2462	10.19	10.16	8.83	8.82	0.50	Pass
VHT20	MCS0	2	2412	18.68	18.73	17.16	16.92	0.50	Pass
VHT20	MCS0	2	2437	18.78	18.63	17.50	17.26	0.50	Pass
VHT20	MCS0	2	2462	18.58	18.48	17.52	16.88	0.50	Pass
VHT40	MCS0	2	2422	36.76	37.06	35.68	35.68	0.50	Pass
VHT40	MCS0	2	2437	37.16	36.96	36.28	36.28	0.50	Pass
VHT40	MCS0	2	2452	36.66	36.56	34.21	35.05	0.50	Pass

TEST RESULTS DATA
Peak Output Power

2.4GHz Band										
Mod.	Data Rate	N _{TX}	Freq. (MHz)	Peak Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	
				Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2
VHT10	MCS0	2	2412	18.85	18.91	21.89	17.00		38.89	
VHT10	MCS0	2	2437	21.23	21.53	24.39	17.00		41.39	
VHT10	MCS0	2	2462	20.50	20.46	23.49	17.00		40.49	
VHT20	MCS0	2	2412	15.92	16.21	19.08	17.00		36.08	
VHT20	MCS0	2	2437	22.96	23.34	26.16	17.00		43.16	
VHT20	MCS0	2	2462	15.58	15.55	18.58	17.00		35.58	
VHT40	MCS0	2	2422	11.95	12.05	15.01	17.00		32.01	
VHT40	MCS0	2	2437	16.10	16.65	19.39	17.00		36.39	
VHT40	MCS0	2	2452	11.66	12.01	14.85	17.00		31.85	

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

TEST RESULTS DATA
Average Output Power

2.4GHz Band													
Mod.	Data Rate	NTX	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power (dBm)			Conducted Power Limit (dBm)		DG (dBi)		Pass /Fail
				Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
VHT10	MCS0	2	2412	0.15	0.40	12.81	13.18	16.01	26.00		17.00		Pass
VHT10	MCS0	2	2437	0.15	0.40	15.11	15.90	18.53	26.00		17.00		Pass
VHT10	MCS0	2	2462	0.15	0.40	14.47	14.82	17.66	26.00		17.00		Pass
VHT20	MCS0	2	2412	0.27	0.27	9.99	10.28	13.14	26.00		17.00		Pass
VHT20	MCS0	2	2437	0.27	0.27	15.89	16.03	18.97	26.00		17.00		Pass
VHT20	MCS0	2	2462	0.27	0.27	9.59	9.53	12.57	26.00		17.00		Pass
VHT40	MCS0	2	2422	0.43	0.51	5.93	6.21	9.08	26.00		17.00		Pass
VHT40	MCS0	2	2437	0.43	0.51	10.53	11.21	13.90	26.00		17.00		Pass
VHT40	MCS0	2	2452	0.43	0.51	5.52	5.81	8.68	26.00		17.00		Pass

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

TEST RESULTS DATA
Average Power Spectral Density

2.4GHz Band											
Mod.	Data Rate	NTx	Freq. (MHz)	Average PSD (dBm/3kHz)			DG (dBi)		Average PSD Limit (dBm/3kHz)		Pass/Fail
				Ant 1	Ant 2	Worse + 3.01	Ant 1	Ant 2	Ant 1	Ant 2	
VHT10	MCS0	2	2412	-14.74	-13.94	-10.93	20.01		3.00		Pass
VHT10	MCS0	2	2437	-12.14	-10.61	-7.60	20.01		3.00		Pass
VHT10	MCS0	2	2462	-12.77	-12.52	-9.51	20.01		3.00		Pass
VHT20	MCS0	2	2412	-19.64	-19.44	-16.43	20.01		3.00		Pass
VHT20	MCS0	2	2437	-12.62	-12.53	-9.52	20.01		3.00		Pass
VHT20	MCS0	2	2462	-20.15	-20.55	-17.14	20.01		3.00		Pass
VHT40	MCS0	2	2422	-25.99	-25.66	-22.65	20.01		3.00		Pass
VHT40	MCS0	2	2437	-21.32	-20.00	-16.99	20.01		3.00		Pass
VHT40	MCS0	2	2452	-26.39	-25.64	-22.63	20.01		3.00		Pass

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

<Ant. Type 6 PTMP>

Test Engineer:	Derek Hsu	Temperature:	21~25	°C
Test Date:	2017/08/02 ~ 2017/08/26	Relative Humidity:	51~54	%

TEST RESULTS DATA
6dB and 99% Occupied Bandwidth

2.4GHz Band									
Mod.	Data Rate	NTX	Freq. (MHz)	99% Occupied BW (MHz)		6dB BW (MHz)		6dB BW Limit (MHz)	Pass/Fail
				Ant 1	Ant 2	Ant 1	Ant 2		
VHT10	MCS0	2	2412	10.21	10.24	8.81	8.81	0.50	Pass
VHT10	MCS0	2	2437	10.26	10.24	8.84	8.85	0.50	Pass
VHT10	MCS0	2	2462	10.19	10.16	8.83	8.82	0.50	Pass
VHT20	MCS0	2	2412	18.68	18.73	17.16	16.92	0.50	Pass
VHT20	MCS0	2	2437	18.78	18.63	17.50	17.26	0.50	Pass
VHT20	MCS0	2	2462	18.58	18.48	17.52	16.88	0.50	Pass
VHT40	MCS0	2	2422	36.76	37.06	35.68	35.68	0.50	Pass
VHT40	MCS0	2	2437	37.16	36.96	36.28	36.28	0.50	Pass
VHT40	MCS0	2	2452	36.66	36.56	34.21	35.05	0.50	Pass

TEST RESULTS DATA
Peak Output Power

2.4GHz Band										
Mod.	Data Rate	N _{TX}	Freq. (MHz)	Peak Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	
				Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2
VHT10	MCS0	2	2412	18.85	18.91	21.89	17.00		38.89	
VHT10	MCS0	2	2437	21.23	21.53	24.39	17.00		41.39	
VHT10	MCS0	2	2462	20.50	20.46	23.49	17.00		40.49	
VHT20	MCS0	2	2412	15.92	16.21	19.08	17.00		36.08	
VHT20	MCS0	2	2437	22.96	23.34	26.16	17.00		43.16	
VHT20	MCS0	2	2462	15.58	15.55	18.58	17.00		35.58	
VHT40	MCS0	2	2422	11.95	12.05	15.01	17.00		32.01	
VHT40	MCS0	2	2437	16.10	16.65	19.39	17.00		36.39	
VHT40	MCS0	2	2452	11.66	12.01	14.85	17.00		31.85	

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

TEST RESULTS DATA
Average Output Power

2.4GHz Band																	
Mod.	Data Rate	NTx	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power (dBm)			Conducted Power Limit (dBm)		DG (dBi)		EIRP Power (dBm)		EIRP Power Limit (dBm)		Pass /Fail
				Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
VHT10	MCS0	2	2412	0.15	0.40	12.81	13.18	16.01	19.00		17.00		33.01		36.00		Pass
VHT10	MCS0	2	2437	0.15	0.40	15.11	15.90	18.53	19.00		17.00		35.53		36.00		Pass
VHT10	MCS0	2	2462	0.15	0.40	14.47	14.82	17.66	19.00		17.00		34.66		36.00		Pass
VHT20	MCS0	2	2412	0.27	0.27	9.99	10.28	13.14	19.00		17.00		30.14		36.00		Pass
VHT20	MCS0	2	2437	0.27	0.27	15.89	16.03	18.97	19.00		17.00		35.97		36.00		Pass
VHT20	MCS0	2	2462	0.27	0.27	9.59	9.53	12.57	19.00		17.00		29.57		36.00		Pass
VHT40	MCS0	2	2422	0.43	0.51	5.93	6.21	9.08	19.00		17.00		26.08		36.00		Pass
VHT40	MCS0	2	2437	0.43	0.51	10.53	11.21	13.90	19.00		17.00		30.90		36.00		Pass
VHT40	MCS0	2	2452	0.43	0.51	5.52	5.81	8.68	19.00		17.00		25.68		36.00		Pass

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

TEST RESULTS DATA
Average Power Spectral Density

2.4GHz Band											
Mod.	Data Rate	NTx	Freq. (MHz)	Average PSD (dBm/3kHz)			DG (dBi)		Average PSD Limit (dBm/3kHz)		Pass/Fail
				Ant 1	Ant 2	Worse + 3.01	Ant 1	Ant 2	Ant 1	Ant 2	
VHT10	MCS0	2	2412	-14.74	-13.94	-10.93	20.01		-6.01		Pass
VHT10	MCS0	2	2437	-12.14	-10.61	-7.60	20.01		-6.01		Pass
VHT10	MCS0	2	2462	-12.77	-12.52	-9.51	20.01		-6.01		Pass
VHT20	MCS0	2	2412	-19.64	-19.44	-16.43	20.01		-6.01		Pass
VHT20	MCS0	2	2437	-12.62	-12.53	-9.52	20.01		-6.01		Pass
VHT20	MCS0	2	2462	-20.15	-20.55	-17.14	20.01		-6.01		Pass
VHT40	MCS0	2	2422	-25.99	-25.66	-22.65	20.01		-6.01		Pass
VHT40	MCS0	2	2437	-21.32	-20.00	-16.99	20.01		-6.01		Pass
VHT40	MCS0	2	2452	-26.39	-25.64	-22.63	20.01		-6.01		Pass

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

<Ant. Type 7 PTP>

Test Engineer:	Derek Hsu	Temperature:	21~25	°C
Test Date:	2017/08/02 ~ 2017/08/26	Relative Humidity:	51~54	%

TEST RESULTS DATA
6dB and 99% Occupied Bandwidth

2.4GHz Band									
Mod.	Data Rate	NTX	Freq. (MHz)	99% Occupied BW (MHz)		6dB BW (MHz)		6dB BW Limit (MHz)	Pass/Fail
				Ant 1	Ant 2	Ant 1	Ant 2		
VHT10	MCS0	2	2412	10.21	10.19	8.82	8.82	0.50	Pass
VHT10	MCS0	2	2437	10.26	10.21	8.82	8.81	0.50	Pass
VHT10	MCS0	2	2462	10.19	10.09	8.82	8.80	0.50	Pass
VHT20	MCS0	2	2412	18.48	18.73	16.50	17.16	0.50	Pass
VHT20	MCS0	2	2437	18.83	18.68	17.54	17.50	0.50	Pass
VHT20	MCS0	2	2462	18.43	18.43	16.90	16.30	0.50	Pass
VHT40	MCS0	2	2422	36.96	37.16	35.68	35.72	0.50	Pass
VHT40	MCS0	2	2437	37.16	37.06	36.28	35.68	0.50	Pass
VHT40	MCS0	2	2452	36.76	36.66	35.44	35.24	0.50	Pass

TEST RESULTS DATA
Peak Output Power

2.4GHz Band										
Mod.	Data Rate	N _{TX}	Freq. (MHz)	Peak Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	
				Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2
VHT10	MCS0	2	2412	16.70	17.04	19.88	17.00		36.88	
VHT10	MCS0	2	2437	18.40	18.75	21.59	17.00		38.59	
VHT10	MCS0	2	2462	15.90	16.02	18.97	17.00		35.97	
VHT20	MCS0	2	2412	14.44	15.01	17.74	17.00		34.74	
VHT20	MCS0	2	2437	20.60	21.05	23.84	17.00		40.84	
VHT20	MCS0	2	2462	14.10	14.25	17.19	17.00		34.19	
VHT40	MCS0	2	2422	9.65	9.62	12.65	17.00		29.65	
VHT40	MCS0	2	2437	13.90	14.30	17.11	17.00		34.11	
VHT40	MCS0	2	2452	9.16	9.60	12.40	17.00		29.40	

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

TEST RESULTS DATA
Average Output Power

2.4GHz Band													
Mod.	Data Rate	N _{Tx}	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power (dBm)			Conducted Power Limit (dBm)		DG (dBi)		Pass /Fail
				Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
VHT10	MCS0	2	2412	0.15	0.40	10.81	11.32	14.08	26.00		17.00		Pass
VHT10	MCS0	2	2437	0.15	0.40	12.46	13.05	15.77	26.00		17.00		Pass
VHT10	MCS0	2	2462	0.15	0.40	10.01	10.47	13.25	26.00		17.00		Pass
VHT20	MCS0	2	2412	0.27	0.27	8.37	8.89	11.64	26.00		17.00		Pass
VHT20	MCS0	2	2437	0.27	0.27	14.62	14.72	17.68	26.00		17.00		Pass
VHT20	MCS0	2	2462	0.27	0.27	8.10	8.23	11.17	26.00		17.00		Pass
VHT40	MCS0	2	2422	0.43	0.51	3.69	3.95	6.83	26.00		17.00		Pass
VHT40	MCS0	2	2437	0.43	0.51	8.23	8.76	11.52	26.00		17.00		Pass
VHT40	MCS0	2	2452	0.43	0.51	3.18	3.50	6.36	26.00		17.00		Pass

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

TEST RESULTS DATA
Average Power Spectral Density

2.4GHz Band											
Mod.	Data Rate	NTx	Freq. (MHz)	Average PSD (dBm/3kHz)			DG (dBi)		Average PSD Limit (dBm/3kHz)		Pass/Fail
				Ant 1	Ant 2	Worse + 3.01	Ant 1	Ant 2	Ant 1	Ant 2	
VHT10	MCS0	2	2412	-16.48	-15.49	-12.48	20.01		3.00		Pass
VHT10	MCS0	2	2437	-14.91	-13.68	-10.67	20.01		3.00		Pass
VHT10	MCS0	2	2462	-16.86	-16.73	-13.72	20.01		3.00		Pass
VHT20	MCS0	2	2412	-21.58	-20.30	-17.29	20.01		3.00		Pass
VHT20	MCS0	2	2437	-15.09	-15.04	-12.03	20.01		3.00		Pass
VHT20	MCS0	2	2462	-21.67	-21.60	-18.59	20.01		3.00		Pass
VHT40	MCS0	2	2422	-29.08	-27.77	-24.76	20.01		3.00		Pass
VHT40	MCS0	2	2437	-23.14	-22.85	-19.84	20.01		3.00		Pass
VHT40	MCS0	2	2452	-27.91	-27.62	-24.61	20.01		3.00		Pass

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

<Ant. Type 7 PTMP>

Test Engineer:	Derek Hsu	Temperature:	21~25	°C
Test Date:	2017/08/02 ~ 2017/08/26	Relative Humidity:	51~54	%

TEST RESULTS DATA
6dB and 99% Occupied Bandwidth

2.4GHz Band									
Mod.	Data Rate	NTX	Freq. (MHz)	99% Occupied BW (MHz)		6dB BW (MHz)		6dB BW Limit (MHz)	Pass/Fail
				Ant 1	Ant 2	Ant 1	Ant 2		
VHT10	MCS0	2	2412	10.21	10.19	8.82	8.82	0.50	Pass
VHT10	MCS0	2	2437	10.26	10.21	8.82	8.81	0.50	Pass
VHT10	MCS0	2	2462	10.19	10.09	8.82	8.80	0.50	Pass
VHT20	MCS0	2	2412	18.48	18.73	16.50	17.16	0.50	Pass
VHT20	MCS0	2	2437	18.83	18.68	17.54	17.50	0.50	Pass
VHT20	MCS0	2	2462	18.43	18.43	16.90	16.30	0.50	Pass
VHT40	MCS0	2	2422	36.96	37.16	35.68	35.72	0.50	Pass
VHT40	MCS0	2	2437	37.16	37.06	36.28	35.68	0.50	Pass
VHT40	MCS0	2	2452	36.76	36.66	35.44	35.24	0.50	Pass

TEST RESULTS DATA
Peak Output Power

2.4GHz Band										
Mod.	Data Rate	N _{TX}	Freq. (MHz)	Peak Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	
				Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2
VHT10	MCS0	2	2412	16.70	17.04	19.88	17.00		36.88	
VHT10	MCS0	2	2437	18.40	18.75	21.59	17.00		38.59	
VHT10	MCS0	2	2462	15.90	16.02	18.97	17.00		35.97	
VHT20	MCS0	2	2412	14.44	15.01	17.74	17.00		34.74	
VHT20	MCS0	2	2437	20.60	21.05	23.84	17.00		40.84	
VHT20	MCS0	2	2462	14.10	14.25	17.19	17.00		34.19	
VHT40	MCS0	2	2422	9.65	9.62	12.65	17.00		29.65	
VHT40	MCS0	2	2437	13.90	14.30	17.11	17.00		34.11	
VHT40	MCS0	2	2452	9.16	9.60	12.40	17.00		29.40	

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

TEST RESULTS DATA
Average Output Power

2.4GHz Band																	
Mod.	Data Rate	NTX	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power (dBm)			Conducted Power Limit (dBm)		DG (dBi)		EIRP Power (dBm)		EIRP Power Limit (dBm)		Pass /Fail
				Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
VHT10	MCS0	2	2412	0.15	0.40	10.81	11.32	14.08	19.00		17.00		31.08		36.00		Pass
VHT10	MCS0	2	2437	0.15	0.40	12.46	13.05	15.77	19.00		17.00		32.77		36.00		Pass
VHT10	MCS0	2	2462	0.15	0.40	10.01	10.47	13.25	19.00		17.00		30.25		36.00		Pass
VHT20	MCS0	2	2412	0.27	0.27	8.37	8.89	11.64	19.00		17.00		28.64		36.00		Pass
VHT20	MCS0	2	2437	0.27	0.27	14.62	14.72	17.68	19.00		17.00		34.68		36.00		Pass
VHT20	MCS0	2	2462	0.27	0.27	8.10	8.23	11.17	19.00		17.00		28.17		36.00		Pass
VHT40	MCS0	2	2422	0.43	0.51	3.69	3.95	6.83	19.00		17.00		23.83		36.00		Pass
VHT40	MCS0	2	2437	0.43	0.51	8.23	8.76	11.52	19.00		17.00		28.52		36.00		Pass
VHT40	MCS0	2	2452	0.43	0.51	3.18	3.50	6.36	19.00		17.00		23.36		36.00		Pass

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

TEST RESULTS DATA
Average Power Spectral Density

2.4GHz Band											
Mod.	Data Rate	NTx	Freq. (MHz)	Average PSD (dBm/3kHz)			DG (dBi)		Average PSD Limit (dBm/3kHz)		Pass/Fail
				Ant 1	Ant 2	Worse + 3.01	Ant 1	Ant 2	Ant 1	Ant 2	
VHT10	MCS0	2	2412	-16.48	-15.49	-12.48	20.01		-6.01		Pass
VHT10	MCS0	2	2437	-14.91	-13.68	-10.67	20.01		-6.01		Pass
VHT10	MCS0	2	2462	-16.86	-16.73	-13.72	20.01		-6.01		Pass
VHT20	MCS0	2	2412	-21.58	-20.30	-17.29	20.01		-6.01		Pass
VHT20	MCS0	2	2437	-15.09	-15.04	-12.03	20.01		-6.01		Pass
VHT20	MCS0	2	2462	-21.67	-21.60	-18.59	20.01		-6.01		Pass
VHT40	MCS0	2	2422	-29.08	-27.77	-24.76	20.01		-6.01		Pass
VHT40	MCS0	2	2437	-23.14	-22.85	-19.84	20.01		-6.01		Pass
VHT40	MCS0	2	2452	-27.91	-27.62	-24.61	20.01		-6.01		Pass

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



Appendix B. AC Conducted Emission Test Results

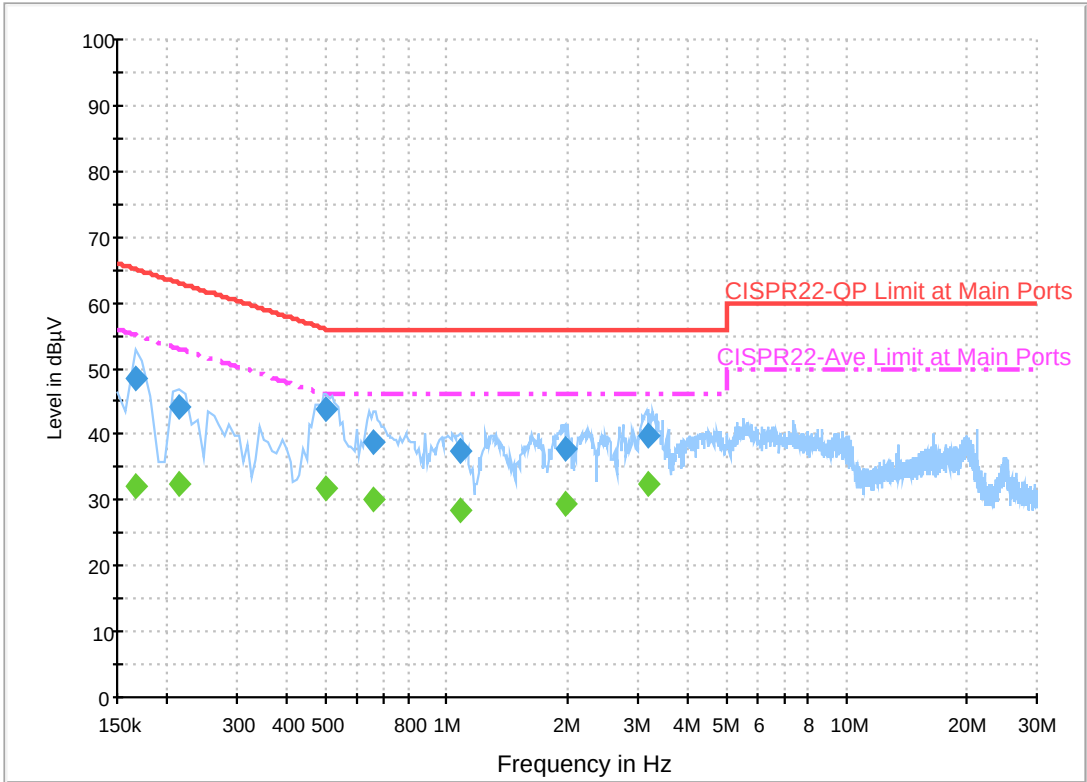
Test Engineer :	Eric Jeng	Temperature :	27~29°C
		Relative Humidity :	65~68%

EUT Information

Test Mode :
Test Voltage :
Phase :

Mode 1
120Vac/60Hz
Line

ENV216 Auto Test FCC Power Bar - L



Final Result 1

Frequency (MHz)	QuasiPeak (dBµV)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.166000	48.6	Off	L1	19.6	16.6	65.2
0.214000	44.1	Off	L1	19.6	18.9	63.0
0.502000	43.7	Off	L1	19.6	12.3	56.0
0.654000	38.9	Off	L1	19.6	17.1	56.0
1.078000	37.6	Off	L1	19.6	18.4	56.0
1.982000	37.8	Off	L1	19.6	18.2	56.0
3.190000	39.9	Off	L1	19.6	16.1	56.0

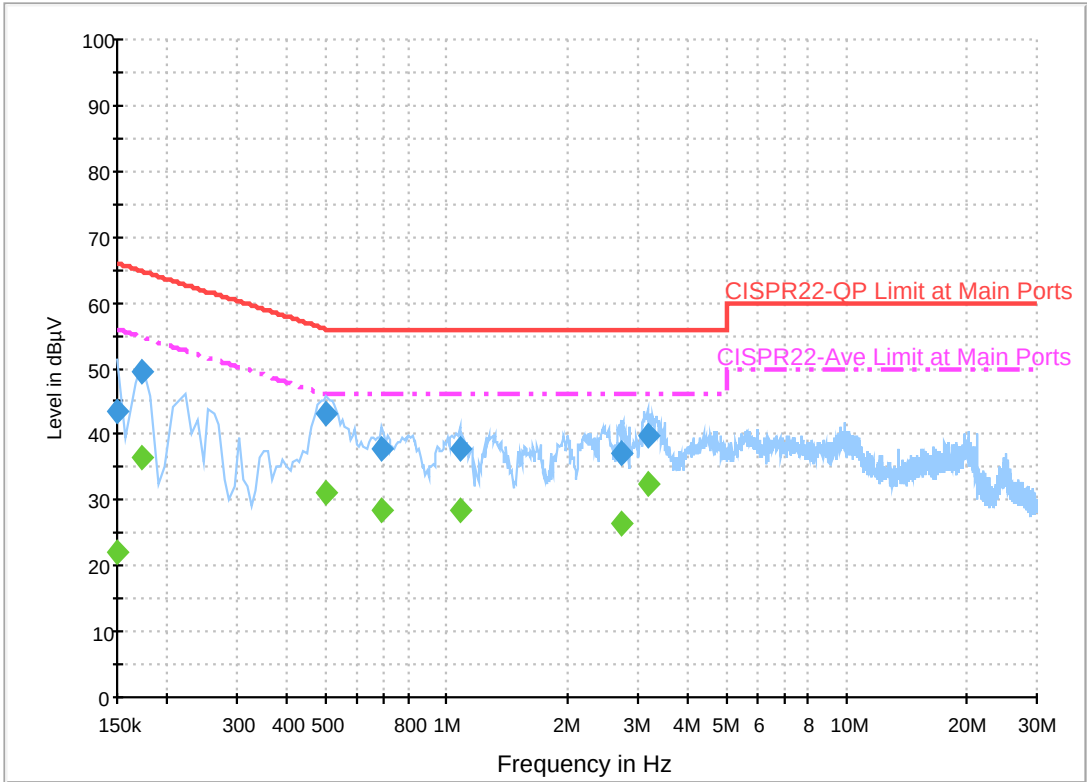
Final Result 2

Frequency (MHz)	Average (dBµV)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.166000	32.0	Off	L1	19.6	23.2	55.2
0.214000	32.3	Off	L1	19.6	20.7	53.0
0.502000	31.8	Off	L1	19.6	14.2	46.0
0.654000	30.2	Off	L1	19.6	15.8	46.0
1.078000	28.3	Off	L1	19.6	17.7	46.0
1.982000	29.5	Off	L1	19.6	16.5	46.0
3.190000	32.5	Off	L1	19.6	13.5	46.0

EUT Information

Test Mode : Mode 1
Test Voltage : 120Vac/60Hz
Phase : Neutral

ENV216 Auto Test FCC Power Bar - N



Final Result 1

Frequency (MHz)	QuasiPeak (dBµV)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.150000	43.4	Off	N	19.5	22.6	66.0
0.174000	49.4	Off	N	19.5	15.4	64.8
0.502000	43.2	Off	N	19.5	12.8	56.0
0.686000	37.8	Off	N	19.5	18.2	56.0
1.078000	37.8	Off	N	19.6	18.2	56.0
2.726000	37.2	Off	N	19.4	18.8	56.0
3.182000	39.8	Off	N	19.6	16.2	56.0

Final Result 2

Frequency (MHz)	Average (dBµV)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.150000	22.2	Off	N	19.5	33.8	56.0
0.174000	36.3	Off	N	19.5	18.5	54.8
0.502000	31.2	Off	N	19.5	14.8	46.0
0.686000	28.3	Off	N	19.5	17.7	46.0
1.078000	28.5	Off	N	19.6	17.5	46.0
2.726000	26.3	Off	N	19.4	19.7	46.0
3.182000	32.6	Off	N	19.6	13.4	46.0



Appendix C. Radiated Spurious Emission

Test Engineer :	Peter Liao, Ray Chen, and Nick Yu	Temperature :	24~26°C
		Relative Humidity :	55~59%

<Ant. Type 4>

2.4GHz 2400~2483.5MHz

WIFI 802.11ac VHT10 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT10 CH 01 2412MHz		2389.905	73.31	-0.69	74	63.67	27.07	4.03	31.49	147	328	P	H
		2390	48.24	-5.76	54	38.6	27.07	4.03	31.49	147	328	A	H
	*	2412	121.25	-	-	111.52	27.14	4.05	31.49	147	328	P	H
	*	2412	110.9	-	-	101.17	27.14	4.05	31.49	147	328	A	H
		2389.8	66.89	-7.11	74	57.25	27.07	4.03	31.49	333	146	P	V
		2389.59	43.84	-10.16	54	34.2	27.07	4.03	31.49	333	146	A	V
	*	2412	118.15	-	-	108.42	27.14	4.05	31.49	333	146	P	V
	*	2412	106.93	-	-	97.2	27.14	4.05	31.49	333	146	A	V
802.11ac VHT10 CH 06 2437MHz		2389.8	64.36	-9.64	74	54.72	27.07	4.03	31.49	112	328	P	H
		2389.94	53.9	-0.1	54	44.26	27.07	4.03	31.49	112	328	A	H
	*	2437	125.05	-	-	115.22	27.21	4.07	31.48	112	328	P	H
	*	2437	114.09	-	-	104.26	27.21	4.07	31.48	112	328	A	H
		2484.53	62.9	-11.1	74	52.88	27.35	4.11	31.47	112	328	P	H
		2483.62	49.92	-4.08	54	39.9	27.35	4.11	31.47	112	328	A	H
		2389.94	57.08	-16.92	74	47.44	27.07	4.03	31.49	376	326	P	V
		2389.8	47.16	-6.84	54	37.52	27.07	4.03	31.49	376	326	A	V
	*	2437	121.48	-	-	111.65	27.21	4.07	31.48	376	326	P	V
	*	2437	111.73	-	-	101.9	27.21	4.07	31.48	376	326	A	V
		2483.97	57.23	-16.77	74	47.21	27.35	4.11	31.47	376	326	P	V
		2483.5	46.31	-7.69	54	36.29	27.35	4.11	31.47	376	326	A	V



802.11ac VHT10 CH 11 2462MHz	*	2462	124.54	-	-	114.61	27.29	4.08	31.47	138	327	P	H
	*	2462	113.91	-	-	103.98	27.29	4.08	31.47	138	327	A	H
		2483.88	72.71	-1.29	74	62.69	27.35	4.11	31.47	138	327	P	H
		2483.56	50.82	-3.18	54	40.8	27.35	4.11	31.47	138	327	A	H
													H
													H
	*	2462	123.18	-	-	113.25	27.29	4.08	31.47	361	146	P	V
	*	2462	111.64	-	-	101.71	27.29	4.08	31.47	361	146	A	V
		2483.52	69.33	-4.67	74	59.31	27.35	4.11	31.47	361	146	P	V
		2483.76	48.83	-5.17	54	38.81	27.35	4.11	31.47	361	146	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11ac VHT10 (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)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT10 CH 01 2412MHz		4824	39.82	-34.18	74	59.25	32.18	6.17	58.31	100	0	P	H
													H
													H
													H
		4824	40.2	-33.8	74	59.63	32.18	6.17	58.31	100	0	P	V
													V
													V
													V
802.11ac VHT10 CH 06 2437MHz		4874	40.46	-33.54	74	59.7	32.27	6.21	58.24	100	0	P	H
		7311	44.9	-29.1	74	58.95	36.97	7.72	59.09	100	0	P	H
													H
													H
		4874	39.98	-34.02	74	59.22	32.27	6.21	58.24	100	0	P	V
		7311	44.72	-29.28	74	58.77	36.97	7.72	59.09	100	0	P	V
													V
													V
802.11ac VHT10 CH 11 2462MHz		4924	40.73	-33.27	74	59.82	32.36	6.23	58.18	100	0	P	H
		7386	45.25	-28.75	74	59.2	37.18	7.72	59.14	100	0	P	H
													H
													H
		4924	39.74	-34.26	74	58.83	32.36	6.23	58.18	100	0	P	V
		7386	45.41	-28.59	74	59.36	37.18	7.72	59.14	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz
WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT20 CH 01 2412MHz		2389.59	65.78	-8.22	74	56.14	27.07	4.03	31.49	145	329	P	H
		2390	53.48	-0.52	54	43.84	27.07	4.03	31.49	145	329	A	H
	*	2412	117.55	-	-	107.82	27.14	4.05	31.49	145	329	P	H
	*	2412	106.45	-	-	96.72	27.14	4.05	31.49	145	329	A	H
													H
													H
		2389.905	65.59	-8.41	74	55.95	27.07	4.03	31.49	394	328	P	V
		2390	51.33	-2.67	54	41.69	27.07	4.03	31.49	394	328	A	V
	*	2412	113.23	-	-	103.5	27.14	4.05	31.49	394	328	P	V
	*	2412	103.1	-	-	93.37	27.14	4.05	31.49	394	328	A	V
													V
													V
802.11ac VHT20 CH 06 2437MHz		2388.68	65.61	-8.39	74	55.97	27.07	4.03	31.49	108	327	P	H
		2389.94	53.94	-0.06	54	44.3	27.07	4.03	31.49	108	327	A	H
	*	2437	123.32	-	-	113.49	27.21	4.07	31.48	108	327	P	H
	*	2437	113.7	-	-	103.87	27.21	4.07	31.48	108	327	A	H
		2484.53	65.48	-8.52	74	55.46	27.35	4.11	31.47	108	327	P	H
		2483.76	52.5	-1.5	54	42.48	27.35	4.11	31.47	108	327	A	H
		2389.24	58.53	-15.47	74	48.89	27.07	4.03	31.49	335	325	P	V
		2389.66	47.75	-6.25	54	38.11	27.07	4.03	31.49	335	325	A	V
	*	2437	120.93	-	-	111.1	27.21	4.07	31.48	335	325	P	V
	*	2437	111.34	-	-	101.51	27.21	4.07	31.48	335	325	A	V
		2483.55	59.01	-14.99	74	48.99	27.35	4.11	31.47	335	325	P	V
		2483.97	47.7	-6.3	54	37.68	27.35	4.11	31.47	335	325	A	V



802.11ac VHT20 CH 11 2462MHz	*	2462	115.33	-	-	105.4	27.29	4.08	31.47	165	326	P	H
	*	2462	104.87	-	-	94.94	27.29	4.08	31.47	165	326	A	H
		2483.84	64.96	-9.04	74	54.94	27.35	4.11	31.47	165	326	P	H
		2483.68	52.84	-1.16	54	42.82	27.35	4.11	31.47	165	326	A	H
													H
													H
	*	2462	112.53	-	-	102.6	27.29	4.08	31.47	399	146	P	V
	*	2462	102.52	-	-	92.59	27.29	4.08	31.47	399	146	A	V
		2485.28	63.21	-10.79	74	53.18	27.36	4.11	31.47	399	146	P	V
		2483.56	50.91	-3.09	54	40.89	27.35	4.11	31.47	399	146	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11ac VHT20 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT20 CH 01 2412MHz		4824	40.33	-33.67	74	59.76	32.18	6.17	58.31	100	0	P	H
													H
													H
													H
		4824	40.48	-33.52	74	59.91	32.18	6.17	58.31	100	0	P	V
													V
													V
802.11ac VHT20 CH 06 2437MHz		4874	39.88	-34.12	74	59.12	32.27	6.21	58.24	100	0	P	H
		7311	45.36	-28.64	74	59.41	36.97	7.72	59.09	100	0	P	H
													H
													H
		4874	39.83	-34.17	74	59.07	32.27	6.21	58.24	100	0	P	V
		7311	44.92	-29.08	74	58.97	36.97	7.72	59.09	100	0	P	V
													V
802.11ac VHT20 CH 11 2462MHz		4924	39.89	-34.11	74	58.98	32.36	6.23	58.18	100	0	P	H
		7386	45.34	-28.66	74	59.29	37.18	7.72	59.14	100	0	P	H
													H
													H
		4924	40.16	-33.84	74	59.25	32.36	6.23	58.18	100	0	P	V
		7386	45.44	-28.56	74	59.39	37.18	7.72	59.14	100	0	P	V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz
WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT40 CH 03 2422MHz		2389.38	65.34	-8.66	74	55.7	27.07	4.03	31.49	147	329	P	H
		2389.94	53.59	-0.41	54	43.95	27.07	4.03	31.49	147	329	A	H
	*	2422	107.78	-	-	98.01	27.17	4.05	31.48	147	329	P	H
	*	2422	97.94	-	-	88.17	27.17	4.05	31.48	147	329	A	H
		2490.97	57.66	-16.34	74	47.62	27.37	4.11	31.47	147	329	P	H
		2488.31	47.74	-6.26	54	37.71	27.36	4.11	31.47	147	329	A	H
		2388.96	60.3	-13.7	74	50.66	27.07	4.03	31.49	384	326	P	V
		2389.94	50.19	-3.81	54	40.55	27.07	4.03	31.49	384	326	A	V
	*	2422	105	-	-	95.23	27.17	4.05	31.48	384	326	P	V
	*	2422	94.51	-	-	84.74	27.17	4.05	31.48	384	326	A	V
		2489.92	58.06	-15.94	74	48.02	27.37	4.11	31.47	384	326	P	V
		2489.57	47.22	-6.78	54	37.18	27.37	4.11	31.47	384	326	A	V
802.11ac VHT40 CH 06 2437MHz		2389.8	62.86	-11.14	74	53.22	27.07	4.03	31.49	108	328	P	H
		2389.94	52.32	-1.68	54	42.68	27.07	4.03	31.49	108	328	A	H
	*	2437	113.67	-	-	103.84	27.21	4.07	31.48	108	328	P	H
	*	2437	103.83	-	-	94	27.21	4.07	31.48	108	328	A	H
		2486.14	64.42	-9.58	74	54.39	27.36	4.11	31.47	108	328	P	H
		2483.5	53.35	-0.65	54	43.33	27.35	4.11	31.47	108	328	A	H
		2389.94	55.74	-18.26	74	46.1	27.07	4.03	31.49	374	326	P	V
		2389.38	45	-9	54	35.36	27.07	4.03	31.49	374	326	A	V
	*	2437	111.56	-	-	101.73	27.21	4.07	31.48	374	326	P	V
	*	2437	101.7	-	-	91.87	27.21	4.07	31.48	374	326	A	V
		2484.39	59.44	-14.56	74	49.42	27.35	4.11	31.47	374	326	P	V
		2483.55	48.49	-5.51	54	38.47	27.35	4.11	31.47	374	326	A	V



802.11ac VHT40 CH 09 2452MHz		2370.34	58.22	-15.78	74	48.66	27.01	4.01	31.49	166	326	P	H
		2385.32	47.82	-6.18	54	38.19	27.06	4.03	31.49	166	326	A	H
	*	2452	108.09	-	-	98.19	27.26	4.08	31.47	166	326	P	H
	*	2452	98.44	-	-	88.54	27.26	4.08	31.47	166	326	A	H
		2483.9	63.54	-10.46	74	53.52	27.35	4.11	31.47	166	326	P	H
		2483.5	53.57	-0.43	54	43.55	27.35	4.11	31.47	166	326	P	H
		2317	57.57	-16.43	74	48.23	26.85	3.97	31.51	400	148	P	V
		2388.82	47.19	-6.81	54	37.55	27.07	4.03	31.49	400	148	A	V
	*	2452	104.8	-	-	94.9	27.26	4.08	31.47	400	148	P	V
	*	2452	95.13	-	-	85.23	27.26	4.08	31.47	400	148	A	V
		2483.83	61.63	-12.37	74	51.61	27.35	4.11	31.47	400	148	P	V
		2483.62	50.38	-3.62	54	40.36	27.35	4.11	31.47	400	148	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11ac VHT40 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT40 CH 03 2422MHz		4844	40.68	-33.32	74	60.04	32.22	6.18	58.29	100	0	P	H
		7266	44.26	-29.74	74	58.38	36.84	7.73	59.07	100	0	P	H
													H
													H
		4844	39.79	-34.21	74	59.15	32.22	6.18	58.29	100	0	P	V
		7266	45.25	-28.75	74	59.37	36.84	7.73	59.07	100	0	P	V
													V
													V
802.11ac VHT40 CH 06 2437MHz		4874	40.98	-33.02	74	60.22	32.27	6.21	58.24	100	0	P	H
		7311	44.78	-29.22	74	58.83	36.97	7.72	59.09	100	0	P	H
													H
													H
		4874	40.71	-33.29	74	59.95	32.27	6.21	58.24	100	0	P	V
		7311	45.2	-28.8	74	59.25	36.97	7.72	59.09	100	0	P	V
													V
													V
802.11ac VHT40 CH 09 2452MHz		4904	39.99	-34.01	74	59.13	32.33	6.22	58.2	100	0	P	H
		7356	45.07	-28.93	74	59.06	37.1	7.72	59.12	100	0	P	H
		12468	55.37	-18.63	74	63.57	38.92	10.27	57.79	280	63	P	H
		12468	50.85	-3.15	54	59.05	38.92	10.27	57.79	280	63	A	H
		4904	40.27	-33.73	74	59.41	32.33	6.22	58.2	100	0	P	V
		7356	45.84	-28.16	74	59.83	37.1	7.72	59.12	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Emission below 1GHz

5GHz WIFI 802.11ac VHT20 (LF)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
5GHz 802.11ac VHT20 LF		75.63	30.28	-9.72	40	47.13	12.76	0.76	30.42	-	-	P	H
		170.13	27.94	-15.56	43.5	41.23	15.77	1.09	30.31	-	-	P	H
		272.73	29.07	-16.93	46	38.46	19.31	1.35	30.18	-	-	P	H
		600.3	41.65	-4.35	46	43.63	25.63	1.97	29.66	100	0	P	H
		875.4	38.41	-7.59	46	35.83	29.24	2.39	29.2	-	-	P	H
		1000	41.08	-12.92	54	36.65	30.62	2.55	28.96	-	-	P	H
													H
													H
													H
													H
													H
													H
		36.75	33.78	-6.22	40	42.54	21.05	0.48	30.27	-	-	P	V
		58.62	31.5	-8.5	40	49.29	11.93	0.68	30.44	-	-	P	V
		107.22	30.71	-12.79	43.5	43.47	16.79	0.8	30.39	-	-	P	V
		600.3	41.12	-4.88	46	43.1	25.63	1.97	29.66	100	0	P	V
		875.4	37.21	-8.79	46	34.63	29.24	2.39	29.2	-	-	P	V
		1000	36.72	-17.28	54	32.29	30.62	2.55	28.96	-	-	P	V
													V
													V
												V	
												V	
												V	
												V	
												V	
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



<Ant. Type 5>

2.4GHz 2400~2483.5MHz

WIFI 802.11ac VHT10 (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)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT10 CH 01 2412MHz		2389.8	71.67	-2.33	74	62.03	27.07	4.03	31.49	173	8	P	H
		2390	48.48	-5.52	54	38.84	27.07	4.03	31.49	173	8	A	H
	*	2412	120.63	-	-	110.9	27.14	4.05	31.49	173	8	P	H
	*	2412	110.15	-	-	100.42	27.14	4.05	31.49	173	8	A	H
													H
													H
		2389.905	73.38	-0.62	74	63.74	27.07	4.03	31.49	185	358	P	V
		2390	48.91	-5.09	54	39.27	27.07	4.03	31.49	185	358	A	V
	*	2412	121.03	-	-	111.3	27.14	4.05	31.49	185	358	P	V
	*	2412	110.64	-	-	100.91	27.14	4.05	31.49	185	358	A	V
													V
													V
802.11ac VHT10 CH 06 2437MHz		2389.52	64.01	-9.99	74	54.37	27.07	4.03	31.49	184	1	P	H
		2389.94	53.56	-0.44	54	43.92	27.07	4.03	31.49	184	1	A	H
	*	2437	124.94	-	-	115.11	27.21	4.07	31.48	184	1	P	H
	*	2437	114.06	-	-	104.23	27.21	4.07	31.48	184	1	A	H
		2483.97	60.8	-13.2	74	50.78	27.35	4.11	31.47	184	1	P	H
		2483.76	50.73	-3.27	54	40.71	27.35	4.11	31.47	184	1	A	H
		2389.8	64.65	-9.35	74	55.01	27.07	4.03	31.49	173	9	P	V
		2389.94	53.83	-0.17	54	44.19	27.07	4.03	31.49	173	9	A	V
	*	2437	124.44	-	-	114.61	27.21	4.07	31.48	173	9	P	V
	*	2437	113.69	-	-	103.86	27.21	4.07	31.48	173	9	A	V
		2495.87	61.35	-12.65	74	51.28	27.39	4.11	31.46	173	9	P	V
		2483.62	49.7	-4.3	54	39.68	27.35	4.11	31.47	173	9	A	V



802.11ac VHT10 CH 11 2462MHz	*	2462	121.94	-	-	112.01	27.29	4.08	31.47	175	353	P	H
	*	2462	112.87	-	-	102.94	27.29	4.08	31.47	175	353	A	H
		2484.08	73.45	-0.55	74	63.43	27.35	4.11	31.47	175	353	P	H
		2483.92	49.08	-4.92	54	39.06	27.35	4.11	31.47	175	353	A	H
													H
													H
	*	2462	121.73	-	-	111.8	27.29	4.08	31.47	184	358	P	V
	*	2462	111.65	-	-	101.72	27.29	4.08	31.47	184	358	A	V
		2483.56	72.54	-1.46	74	62.52	27.35	4.11	31.47	184	358	P	V
		2483.6	47.19	-6.81	54	37.17	27.35	4.11	31.47	184	358	A	V
													V
													V
Remark	3. No other spurious found. 4. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11ac VHT10 (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)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT10 CH 01 2412MHz		4824	39.29	-34.71	74	58.72	32.18	6.17	58.31	100	0	P	H
													H
													H
													H
		4824	39.7	-34.3	74	59.13	32.18	6.17	58.31	100	0	P	V
													V
													V
													V
802.11ac VHT10 CH 06 2437MHz		4874	39.85	-34.15	74	59.09	32.27	6.21	58.24	100	0	P	H
		7311	43.86	-30.14	74	57.91	36.97	7.72	59.09	100	0	P	H
													H
													H
		4874	39.97	-34.03	74	59.21	32.27	6.21	58.24	100	0	P	V
		7311	44.75	-29.25	74	58.8	36.97	7.72	59.09	100	0	P	V
													V
													V
802.11ac VHT10 CH 11 2462MHz		4924	39.42	-34.58	74	58.51	32.36	6.23	58.18	100	0	P	H
		7386	43.95	-30.05	74	57.9	37.18	7.72	59.14	100	0	P	H
													H
													H
		4924	39.13	-34.87	74	58.22	32.36	6.23	58.18	100	0	P	V
		7386	44.46	-29.54	74	58.41	37.18	7.72	59.14	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz
WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT20 CH 01 2412MHz		2389.59	66.59	-7.41	74	56.95	27.07	4.03	31.49	191	0	P	H
		2390	53.22	-0.78	54	43.58	27.07	4.03	31.49	191	0	A	H
	*	2412	114.96	-	-	105.23	27.14	4.05	31.49	191	0	P	H
	*	2412	105.01	-	-	95.28	27.14	4.05	31.49	191	0	A	H
													H
													H
		2389.695	66.2	-7.8	74	56.56	27.07	4.03	31.49	184	357	P	V
		2390	53.68	-0.32	54	44.04	27.07	4.03	31.49	184	357	A	V
	*	2412	115.56	-	-	105.83	27.14	4.05	31.49	184	357	P	V
	*	2412	105.56	-	-	95.83	27.14	4.05	31.49	184	357	A	V
													V
													V
802.11ac VHT20 CH 06 2437MHz		2389.66	63.06	-10.94	74	53.42	27.07	4.03	31.49	179	0	P	H
		2389.52	52.9	-1.1	54	43.26	27.07	4.03	31.49	179	0	A	H
	*	2437	121.74	-	-	111.91	27.21	4.07	31.48	179	0	P	H
	*	2437	112.28	-	-	102.45	27.21	4.07	31.48	179	0	A	H
		2486.49	63.87	-10.13	74	53.84	27.36	4.11	31.47	179	0	P	H
		2483.83	51.24	-2.76	54	41.22	27.35	4.11	31.47	179	0	A	H
		2389.8	63.49	-10.51	74	53.85	27.07	4.03	31.49	173	0	P	V
		2389.8	53.54	-0.46	54	43.9	27.07	4.03	31.49	173	0	A	V
	*	2437	121.65	-	-	111.82	27.21	4.07	31.48	173	0	P	V
	*	2437	112.06	-	-	102.23	27.21	4.07	31.48	173	0	A	V
		2484.81	60.9	-13.1	74	50.88	27.35	4.11	31.47	173	0	P	V
		2483.76	49.46	-4.54	54	39.44	27.35	4.11	31.47	173	0	A	V



802.11ac VHT20 CH 11 2462MHz	*	2462	116.66	-	-	106.73	27.29	4.08	31.47	180	2	P	H
	*	2462	105.48	-	-	95.55	27.29	4.08	31.47	180	2	A	H
		2483.52	68.66	-5.34	74	58.64	27.35	4.11	31.47	180	2	P	H
		2483.52	53.84	-0.16	54	43.82	27.35	4.11	31.47	180	2	A	H
													H
													H
	*	2462	114.22	-	-	104.29	27.29	4.08	31.47	185	7	P	V
	*	2462	103.8	-	-	93.87	27.29	4.08	31.47	185	7	A	V
		2483.88	63.87	-10.13	74	53.85	27.35	4.11	31.47	185	7	P	V
		2483.56	50.71	-3.29	54	40.69	27.35	4.11	31.47	185	7	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11ac VHT20 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT20 CH 01 2412MHz		4824	39.21	-34.79	74	58.64	32.18	6.17	58.31	100	0	P	H
													H
													H
													H
		4824	39.23	-34.77	74	58.66	32.18	6.17	58.31	100	0	P	V
													V
													V
													V
802.11ac VHT20 CH 06 2437MHz		4874	39.77	-34.23	74	59.01	32.27	6.21	58.24	100	0	P	H
		7311	44.12	-29.88	74	58.17	36.97	7.72	59.09	100	0	P	H
													H
													H
		4874	40.05	-33.95	74	59.29	32.27	6.21	58.24	100	0	P	V
		7311	44.16	-29.84	74	58.21	36.97	7.72	59.09	100	0	P	V
													V
													V
802.11ac VHT20 CH 11 2462MHz		4924	40.31	-33.69	74	59.4	32.36	6.23	58.18	100	0	P	H
		7386	44.07	-29.93	74	58.02	37.18	7.72	59.14	100	0	P	H
													H
													H
		4924	39.36	-34.64	74	58.45	32.36	6.23	58.18	100	0	P	V
		7386	44.62	-29.38	74	58.57	37.18	7.72	59.14	100	0	P	V
													V
													V
Remark	3. No other spurious found. 4. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz
WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT40 CH 03 2422MHz		2389.66	64.75	-9.25	74	55.11	27.07	4.03	31.49	180	0	P	H
		2389.8	53.26	-0.74	54	43.62	27.07	4.03	31.49	180	0	A	H
	*	2422	108.53	-	-	98.76	27.17	4.05	31.48	180	0	P	H
	*	2422	98.27	-	-	88.5	27.17	4.05	31.48	180	0	A	H
		2494.4	55.62	-18.38	74	45.56	27.38	4.11	31.46	180	0	P	H
		2486.07	44.93	-9.07	54	34.9	27.36	4.11	31.47	180	0	A	H
		2388.26	64.7	-9.3	74	55.07	27.06	4.03	31.49	175	0	P	V
		2389.94	53.29	-0.71	54	43.65	27.07	4.03	31.49	175	0	A	V
	*	2422	108.81	-	-	99.04	27.17	4.05	31.48	175	0	P	V
	*	2422	98.63	-	-	88.86	27.17	4.05	31.48	175	0	A	V
		2485.86	54.58	-19.42	74	44.55	27.36	4.11	31.47	175	0	P	V
		2499.93	44.05	-9.95	54	33.97	27.4	4.11	31.46	175	0	A	V
802.11ac VHT40 CH 06 2437MHz		2389.38	64.79	-9.21	74	55.15	27.07	4.03	31.49	178	13	P	H
		2389.94	52.92	-1.08	54	43.28	27.07	4.03	31.49	178	13	A	H
	*	2437	114.27	-	-	104.44	27.21	4.07	31.48	178	13	P	H
	*	2437	104.29	-	-	94.46	27.21	4.07	31.48	178	13	A	H
		2483.97	65.84	-8.16	74	55.82	27.35	4.11	31.47	178	13	P	H
		2483.76	53.76	-0.24	54	43.74	27.35	4.11	31.47	178	13	A	H
		2388.96	64.99	-9.01	74	55.35	27.07	4.03	31.49	171	9	P	V
		2389.94	53.14	-0.86	54	43.5	27.07	4.03	31.49	171	9	A	V
	*	2437	113.95	-	-	104.12	27.21	4.07	31.48	171	9	P	V
	*	2437	103.49	-	-	93.66	27.21	4.07	31.48	171	9	A	V
		2483.5	66.46	-7.54	74	56.44	27.35	4.11	31.47	171	9	P	V
		2483.5	52.94	-1.06	54	42.92	27.35	4.11	31.47	171	9	A	V



802.11ac VHT40 CH 09 2452MHz		2389.66	55.81	-18.19	74	46.17	27.07	4.03	31.49	169	0	P	H
		2386.02	45.61	-8.39	54	35.98	27.06	4.03	31.49	169	0	A	H
	*	2452	109.29	-	-	99.39	27.26	4.08	31.47	169	0	P	H
	*	2452	99.36	-	-	89.46	27.26	4.08	31.47	169	0	A	H
		2483.97	66.52	-7.48	74	56.5	27.35	4.11	31.47	169	0	P	H
		2483.5	53.69	-0.31	54	43.67	27.35	4.11	31.47	169	0	A	H
		2388.26	56.34	-17.66	74	46.71	27.06	4.03	31.49	184	8	P	V
		2389.94	45.76	-8.24	54	36.12	27.07	4.03	31.49	184	8	A	V
	*	2452	107.91	-	-	98.01	27.26	4.08	31.47	184	8	P	V
	*	2452	98	-	-	88.1	27.26	4.08	31.47	184	8	A	V
		2483.83	64.25	-9.75	74	54.23	27.35	4.11	31.47	184	8	P	V
		2483.62	51.71	-2.29	54	41.69	27.35	4.11	31.47	184	8	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11ac VHT40 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT40 CH 03 2422MHz		4844	39.2	-34.8	74	58.56	32.22	6.18	58.29	100	0	P	H
		7266	44.07	-29.93	74	58.19	36.84	7.73	59.07	100	0	P	H
													H
													H
		4844	39.37	-34.63	74	58.73	32.22	6.18	58.29	100	0	P	V
		7266	43.54	-30.46	74	57.66	36.84	7.73	59.07	100	0	P	V
													V
													V
802.11ac VHT40 CH 06 2437MHz		4874	40.58	-33.42	74	59.82	32.27	6.21	58.24	100	0	P	H
		7311	44.33	-29.67	74	58.38	36.97	7.72	59.09	100	0	P	H
													H
													H
		4874	39.83	-34.17	74	59.07	32.27	6.21	58.24	100	0	P	V
		7311	44.33	-29.67	74	58.38	36.97	7.72	59.09	100	0	P	V
													V
													V
802.11ac VHT40 CH 09 2452MHz		4904	39.33	-34.67	74	58.47	32.33	6.22	58.2	100	0	P	H
		7356	44.38	-29.62	74	58.37	37.1	7.72	59.12	100	0	P	H
													H
													H
		4904	39.62	-34.38	74	58.76	32.33	6.22	58.2	100	0	P	V
		7356	45.22	-28.78	74	59.21	37.1	7.72	59.12	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Emission below 1GHz

5GHz WIFI 802.11ac VHT20 (LF)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
5GHz 802.11ac VHT20 LF		142.59	29.68	-13.82	43.5	41.48	17.51	0.95	30.34	-	-	P	H
		172.83	30.98	-12.52	43.5	44.48	15.55	1.09	30.31	-	-	P	H
		275.43	32.47	-13.53	46	42.02	19.14	1.35	30.17	-	-	P	H
		745.9	37.99	-8.01	46	36.97	28.15	2.21	29.44	-	-	P	H
		875.4	38.23	-7.77	46	35.65	29.24	2.39	29.2	100	0	P	H
		1000	38.67	-15.33	54	34.24	30.62	2.55	28.96	-	-	P	H
													H
													H
													H
													H
													H
													H
		30.27	36.5	-3.5	40	41.89	24.35	0.48	30.18	100	0	P	V
		63.48	36.41	-3.59	40	54.21	11.92	0.68	30.44	-	-	P	V
		71.58	33.1	-6.9	40	50.3	12.5	0.68	30.43	-	-	P	V
		600.3	36.45	-9.55	46	38.43	25.63	1.97	29.66	-	-	P	V
		734.7	34.95	-11.05	46	34.27	27.86	2.18	29.46	-	-	P	V
		746.6	34.96	-11.04	46	33.93	28.16	2.21	29.44	-	-	P	V
													V
													V
												V	
												V	
												V	
												V	
												V	
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



<Ant. Type 6>

2.4GHz 2400~2483.5MHz

WIFI 802.11ac VHT10 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT10 CH 01 2412MHz		2389.38	72.76	-1.24	74	63.12	27.07	4.03	31.49	167	4	P	H
		2390	50.1	-3.9	54	40.46	27.07	4.03	31.49	167	4	A	H
	*	2412	121.26	-	-	111.53	27.14	4.05	31.49	167	4	P	H
	*	2412	111.32	-	-	101.59	27.14	4.05	31.49	167	4	A	H
													H
													H
		2389.275	73.69	-0.31	74	64.05	27.07	4.03	31.49	171	0	P	V
		2389.065	49.52	-4.48	54	39.88	27.07	4.03	31.49	171	0	A	V
	*	2412	121.09	-	-	111.36	27.14	4.05	31.49	171	0	P	V
	*	2412	110.86	-	-	101.13	27.14	4.05	31.49	171	0	A	V
802.11ac VHT10 CH 06 2437MHz		2389.24	63.54	-10.46	74	53.9	27.07	4.03	31.49	177	11	P	H
		2389.94	52.97	-1.03	54	43.33	27.07	4.03	31.49	177	11	A	H
	*	2437	124.29	-	-	114.46	27.21	4.07	31.48	177	11	P	H
	*	2437	113.83	-	-	104	27.21	4.07	31.48	177	11	A	H
		2484.25	60.9	-13.1	74	50.88	27.35	4.11	31.47	177	11	P	H
		2483.55	51.34	-2.66	54	41.32	27.35	4.11	31.47	177	11	A	H
		2389.52	64.25	-9.75	74	54.61	27.07	4.03	31.49	171	5	P	V
		2389.66	53.46	-0.54	54	43.82	27.07	4.03	31.49	171	5	A	V
	*	2437	124.39	-	-	114.56	27.21	4.07	31.48	171	5	P	V
	*	2437	113.65	-	-	103.82	27.21	4.07	31.48	171	5	A	V
		2485.3	60.39	-13.61	74	50.36	27.36	4.11	31.47	171	5	P	V
		2483.62	49.94	-4.06	54	39.92	27.35	4.11	31.47	171	5	A	V



802.11ac VHT10 CH 11 2462MHz	*	2462	122.04	-	-	112.11	27.29	4.08	31.47	162	9	P	H
	*	2462	112.81	-	-	102.88	27.29	4.08	31.47	162	9	A	H
		2483.52	73.77	-0.23	74	63.75	27.35	4.11	31.47	162	9	P	H
		2483.72	48.92	-5.08	54	38.9	27.35	4.11	31.47	162	9	A	H
													H
													H
	*	2462	121.8	-	-	111.87	27.29	4.08	31.47	167	5	P	V
	*	2462	112.22	-	-	102.29	27.29	4.08	31.47	167	5	A	V
		2483.6	72.88	-1.12	74	62.86	27.35	4.11	31.47	167	5	P	V
		2483.6	47.57	-6.43	54	37.55	27.35	4.11	31.47	167	5	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11ac VHT10 (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)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT10 CH 01 2412MHz		4824	39.7	-34.3	74	59.13	32.18	6.17	58.31	100	0	P	H
													H
													H
													H
		4824	39.03	-34.97	74	58.46	32.18	6.17	58.31	100	0	P	V
													V
													V
802.11ac VHT10 CH 06 2437MHz		4874	40.43	-33.57	74	59.67	32.27	6.21	58.24	100	0	P	H
		7311	45.14	-28.86	74	59.19	36.97	7.72	59.09	100	0	P	H
													H
													H
		4874	40.45	-33.55	74	59.69	32.27	6.21	58.24	100	0	P	V
		7311	45.67	-28.33	74	59.72	36.97	7.72	59.09	100	0	P	V
													V
802.11ac VHT10 CH 11 2462MHz		4924	38.76	-35.24	74	57.85	32.36	6.23	58.18	100	0	P	H
		7386	44.13	-29.87	74	58.08	37.18	7.72	59.14	100	0	P	H
													H
													H
		4924	39.02	-34.98	74	58.11	32.36	6.23	58.18	100	0	P	V
		7386	44.86	-29.14	74	58.81	37.18	7.72	59.14	100	0	P	V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz
WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT20 CH 01 2412MHz		2389.8	65.8	-8.2	74	56.16	27.07	4.03	31.49	167	3	P	H
		2390	53.88	-0.12	54	44.24	27.07	4.03	31.49	167	3	A	H
	*	2412	115.99	-	-	106.26	27.14	4.05	31.49	167	3	P	H
	*	2412	105.59	-	-	95.86	27.14	4.05	31.49	167	3	A	H
													H
													H
		2389.905	68.22	-5.78	74	58.58	27.07	4.03	31.49	162	1	P	V
		2389.905	53.22	-0.78	54	43.58	27.07	4.03	31.49	162	1	A	V
	*	2412	114.78	-	-	105.05	27.14	4.05	31.49	162	1	P	V
	*	2412	104.78	-	-	95.05	27.14	4.05	31.49	162	1	A	V
													V
													V
802.11ac VHT20 CH 06 2437MHz		2389.94	63.55	-10.45	74	53.91	27.07	4.03	31.49	179	360	P	H
		2388.68	53.01	-0.99	54	43.37	27.07	4.03	31.49	179	360	A	H
	*	2437	121.27	-	-	111.44	27.21	4.07	31.48	179	360	P	H
	*	2437	111.91	-	-	102.08	27.21	4.07	31.48	179	360	A	H
		2484.6	61.04	-12.96	74	51.02	27.35	4.11	31.47	179	360	P	H
		2484.11	50.38	-3.62	54	40.36	27.35	4.11	31.47	179	360	A	H
		2387.28	63.4	-10.6	74	53.77	27.06	4.03	31.49	169	360	P	V
		2389.38	53.26	-0.74	54	43.62	27.07	4.03	31.49	169	360	A	V
	*	2437	121.49	-	-	111.66	27.21	4.07	31.48	169	360	P	V
	*	2437	111.89	-	-	102.06	27.21	4.07	31.48	169	360	A	V
		2485.16	60.58	-13.42	74	50.55	27.36	4.11	31.47	169	360	P	V
		2483.62	49.86	-4.14	54	39.84	27.35	4.11	31.47	169	360	A	V



802.11ac VHT20 CH 11 2462MHz	*	2462	115.78	-	-	105.85	27.29	4.08	31.47	162	2	P	H
	*	2462	105.09	-	-	95.16	27.29	4.08	31.47	162	2	A	H
		2484.04	66.42	-7.58	74	56.4	27.35	4.11	31.47	162	2	P	H
		2483.5	53.27	-0.73	54	43.25	27.35	4.11	31.47	162	2	P	H
													H
													H
	*	2462	114.94	-	-	105.01	27.29	4.08	31.47	170	353	P	V
	*	2462	104.62	-	-	94.69	27.29	4.08	31.47	170	353	A	V
		2483.56	65.01	-8.99	74	54.99	27.35	4.11	31.47	170	353	P	V
		2483.64	51.11	-2.89	54	41.09	27.35	4.11	31.47	170	353	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11ac VHT20 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT20 CH 01 2412MHz		4824	39.52	-34.48	74	58.95	32.18	6.17	58.31	100	0	P	H
													H
													H
													H
		4824	39.96	-34.04	74	59.39	32.18	6.17	58.31	100	0	P	V
													V
													V
802.11ac VHT20 CH 06 2437MHz		4874	39.79	-34.21	74	59.03	32.27	6.21	58.24	100	0	P	H
		7311	44.91	-29.09	74	58.96	36.97	7.72	59.09	100	0	P	H
													H
													H
		4874	40.27	-33.73	74	59.51	32.27	6.21	58.24	100	0	P	V
		7311	45	-29	74	59.05	36.97	7.72	59.09	100	0	P	V
													V
802.11ac VHT20 CH 11 2462MHz		4924	39.22	-34.78	74	58.31	32.36	6.23	58.18	100	0	P	H
		7386	43.79	-30.21	74	57.74	37.18	7.72	59.14	100	0	P	H
													H
													H
		4924	39.14	-34.86	74	58.23	32.36	6.23	58.18	100	0	P	V
		7386	45.12	-28.88	74	59.07	37.18	7.72	59.14	100	0	P	V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz
WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT40 CH 03 2422MHz		2389.52	64.51	-9.49	74	54.87	27.07	4.03	31.49	168	10	P	H
		2389.66	53.83	-0.17	54	44.19	27.07	4.03	31.49	168	10	A	H
	*	2422	108.72	-	-	98.95	27.17	4.05	31.48	168	10	P	H
	*	2422	99.09	-	-	89.32	27.17	4.05	31.48	168	10	A	H
		2487.26	55.37	-18.63	74	45.34	27.36	4.11	31.47	168	10	P	H
		2484.46	45.01	-8.99	54	34.99	27.35	4.11	31.47	168	10	A	H
		2389.52	65.63	-8.37	74	55.99	27.07	4.03	31.49	165	351	P	V
		2389.66	53.41	-0.59	54	43.77	27.07	4.03	31.49	165	351	A	V
	*	2422	108.61	-	-	98.84	27.17	4.05	31.48	165	351	P	V
	*	2422	98.58	-	-	88.81	27.17	4.05	31.48	165	351	A	V
		2483.97	55.25	-18.75	74	45.23	27.35	4.11	31.47	165	351	P	V
		2497.76	44.66	-9.34	54	34.59	27.39	4.11	31.46	165	351	A	V
802.11ac VHT40 CH 06 2437MHz		2389.24	63.85	-10.15	74	54.21	27.07	4.03	31.49	183	359	P	H
		2389.8	52.75	-1.25	54	43.11	27.07	4.03	31.49	183	359	A	H
	*	2437	113.43	-	-	103.6	27.21	4.07	31.48	183	359	P	H
	*	2437	103.39	-	-	93.56	27.21	4.07	31.48	183	359	A	H
		2485.93	66.44	-7.56	74	56.41	27.36	4.11	31.47	183	359	P	H
		2483.5	53.16	-0.84	54	43.14	27.35	4.11	31.47	183	359	A	H
		2389.52	64.41	-9.59	74	54.77	27.07	4.03	31.49	182	5	P	V
		2389.94	52.88	-1.12	54	43.24	27.07	4.03	31.49	182	5	A	V
	*	2437	113.98	-	-	104.15	27.21	4.07	31.48	182	5	P	V
	*	2437	104.11	-	-	94.28	27.21	4.07	31.48	182	5	A	V
		2483.9	65.43	-8.57	74	55.41	27.35	4.11	31.47	182	5	P	V
		2483.5	53.65	-0.35	54	43.63	27.35	4.11	31.47	182	5	A	V



802.11ac VHT40 CH 09 2452MHz		2389.8	57.24	-16.76	74	47.6	27.07	4.03	31.49	162	2	P	H
		2387.14	46.93	-7.07	54	37.3	27.06	4.03	31.49	162	2	A	H
	*	2452	108.45	-	-	98.55	27.26	4.08	31.47	162	2	P	H
	*	2452	98.67	-	-	88.77	27.26	4.08	31.47	162	2	A	H
		2483.69	65.09	-8.91	74	55.07	27.35	4.11	31.47	162	2	P	H
		2483.5	53.59	-0.41	54	43.57	27.35	4.11	31.47	162	2	A	H
		2387.28	57.05	-16.95	74	47.42	27.06	4.03	31.49	170	355	P	V
		2388.54	46.49	-7.51	54	36.85	27.07	4.03	31.49	170	355	A	V
	*	2452	108.24	-	-	98.34	27.26	4.08	31.47	170	355	P	V
	*	2452	98.63	-	-	88.73	27.26	4.08	31.47	170	355	A	V
		2483.83	63.58	-10.42	74	53.56	27.35	4.11	31.47	170	355	P	V
		2483.5	52.31	-1.69	54	42.29	27.35	4.11	31.47	170	355	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11ac VHT40 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT40 CH 03 2422MHz		4844	39.64	-34.36	74	59	32.22	6.18	58.29	100	0	P	H
		7266	44.12	-29.88	74	58.24	36.84	7.73	59.07	100	0	P	H
													H
													H
		4844	39.95	-34.05	74	59.31	32.22	6.18	58.29	100	0	P	V
		7266	44.1	-29.9	74	58.22	36.84	7.73	59.07	100	0	P	V
													V
													V
802.11ac VHT40 CH 06 2437MHz		4874	40.25	-33.75	74	59.49	32.27	6.21	58.24	100	0	P	H
		7311	44.8	-29.2	74	58.85	36.97	7.72	59.09	100	0	P	H
													H
													H
		4874	40.51	-33.49	74	59.75	32.27	6.21	58.24	100	0	P	V
		7311	44.99	-29.01	74	59.04	36.97	7.72	59.09	100	0	P	V
													V
													V
802.11ac VHT40 CH 09 2452MHz		4904	39.52	-34.48	74	58.66	32.33	6.22	58.2	100	0	P	H
		7356	44.95	-29.05	74	58.94	37.1	7.72	59.12	100	0	P	H
		12468	54.05	-19.95	74	62.25	38.92	10.27	57.79	291	155	P	H
		12468	49.7	-4.3	54	57.9	38.92	10.27	57.79	291	155	A	H
		4904	40.11	-33.89	74	59.25	32.33	6.22	58.2	100	0	P	V
		7356	44.76	-29.24	74	58.75	37.1	7.72	59.12	100	0	P	V
		12468	55.32	-18.68	74	63.52	38.92	10.27	57.79	303	138	P	V
		12468	51.73	-2.27	54	59.93	38.92	10.27	57.79	303	138	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Emission below 1GHz

5GHz WIFI 802.11ac VHT20 (LF)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
5GHz 802.11ac VHT20 LF		147.45	31.07	-12.43	43.5	42.91	17.38	1.02	30.34	-	-	P	H
		173.91	30.33	-13.17	43.5	43.89	15.48	1.09	30.3	-	-	P	H
		271.11	32.87	-13.13	46	42.24	19.36	1.32	30.18	-	-	P	H
		600.3	35.27	-10.73	46	37.25	25.63	1.97	29.66	-	-	P	H
		875.4	37.76	-8.24	46	35.18	29.24	2.39	29.2	100	0	P	H
		1000	39.1	-14.9	54	34.67	30.62	2.55	28.96	-	-	P	H
													H
													H
													H
													H
													H
													H
		30.27	36.23	-3.77	40	41.62	24.35	0.48	30.18	-	-	P	V
		62.13	36.46	-3.54	40	54.31	11.87	0.68	30.44	100	0	P	V
		106.41	33.75	-9.75	43.5	46.59	16.71	0.8	30.39	-	-	P	V
		600.3	36.09	-9.91	46	38.07	25.63	1.97	29.66	-	-	P	V
		745.2	38.76	-7.24	46	37.74	28.15	2.21	29.44	-	-	P	V
		1000	36.07	-17.93	54	31.64	30.62	2.55	28.96		-	P	V
													V
													V
												V	
												V	
												V	
												V	
												V	
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



<Ant. Type 7>

2.4GHz 2400~2483.5MHz

WIFI 802.11ac VHT10 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT10 CH 01 2412MHz		2389.485	73.52	-0.48	74	63.88	27.07	4.03	31.49	171	0	P	H
		2390	51.56	-2.44	54	41.92	27.07	4.03	31.49	171	0	A	H
	*	2412	124.29	-	-	114.56	27.14	4.05	31.49	171	0	P	H
	*	2412	111.72	-	-	101.99	27.14	4.05	31.49	171	0	A	H
													H
													H
		2389.8	73.36	-0.64	74	63.72	27.07	4.03	31.49	170	359	P	V
		2390	50.13	-3.87	54	40.49	27.07	4.03	31.49	170	359	A	V
	*	2412	122.97	-	-	113.24	27.14	4.05	31.49	170	359	P	V
	*	2412	110.59	-	-	100.86	27.14	4.05	31.49	170	359	A	V
													V
													V
802.11ac VHT10 CH 06 2437MHz		2389.1	63.54	-10.46	74	53.9	27.07	4.03	31.49	180	0	P	H
		2389.66	53.56	-0.44	54	43.92	27.07	4.03	31.49	180	0	A	H
	*	2437	124.03	-	-	114.2	27.21	4.07	31.48	180	0	P	H
	*	2437	113.09	-	-	103.26	27.21	4.07	31.48	180	0	A	H
		2484.67	63.75	-10.25	74	53.73	27.35	4.11	31.47	180	0	P	H
		2483.5	52.04	-1.96	54	42.02	27.35	4.11	31.47	180	0	A	H
		2389.52	63.18	-10.82	74	53.54	27.07	4.03	31.49	178	4	P	V
		2389.8	52.6	-1.4	54	42.96	27.07	4.03	31.49	178	4	A	V
	*	2437	122.06	-	-	112.23	27.21	4.07	31.48	178	4	P	V
	*	2437	112.08	-	-	102.25	27.21	4.07	31.48	178	4	A	V
		2484.18	61.51	-12.49	74	51.49	27.35	4.11	31.47	178	4	P	V
		2483.69	50.11	-3.89	54	40.09	27.35	4.11	31.47	178	4	A	V



802.11ac VHT10 CH 11 2462MHz	*	2462	123.32	-	-	113.39	27.29	4.08	31.47	166	2	P	H
	*	2462	111.28	-	-	101.35	27.29	4.08	31.47	166	2	A	H
		2483.52	73.1	-0.9	74	63.08	27.35	4.11	31.47	166	2	P	H
		2484.4	49.93	-4.07	54	39.91	27.35	4.11	31.47	166	2	A	H
													H
													H
	*	2462	121.19	-	-	111.26	27.29	4.08	31.47	165	3	P	V
	*	2462	109.37	-	-	99.44	27.29	4.08	31.47	165	3	A	V
		2483.52	69.8	-4.2	74	59.78	27.35	4.11	31.47	165	3	P	V
		2498.56	48.3	-5.7	54	38.22	27.4	4.11	31.46	165	3	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11ac VHT10 (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)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT10 CH 01 2412MHz		4824	36.7	-37.3	74	56.13	32.18	6.17	58.31	100	0	P	H
													H
													H
													H
		4824	38.7	-35.3	74	58.13	32.18	6.17	58.31	100	0	P	V
													V
													V
802.11ac VHT10 CH 06 2437MHz		4874	39.93	-34.07	74	59.17	32.27	6.21	58.24	100	0	P	H
		7311	44.39	-29.61	74	58.44	36.97	7.72	59.09	100	0	P	H
													H
													H
		4874	40.51	-33.49	74	59.75	32.27	6.21	58.24	100	0	P	V
		7311	44.61	-29.39	74	58.66	36.97	7.72	59.09	100	0	P	V
													V
802.11ac VHT10 CH 11 2462MHz		4924	40.03	-33.97	74	59.12	32.36	6.23	58.18	100	0	P	H
		7386	44.11	-29.89	74	58.06	37.18	7.72	59.14	100	0	P	H
													H
													H
		4924	41.04	-32.96	74	60.13	32.36	6.23	58.18	100	0	P	V
		7386	44.14	-29.86	74	58.09	37.18	7.72	59.14	100	0	P	V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												



WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT20 CH 01 2412MHz		2389.485	64.96	-9.04	74	55.32	27.07	4.03	31.49	173	357	P	H
		2390	52.75	-1.25	54	43.11	27.07	4.03	31.49	173	357	A	H
	*	2412	115.88	-	-	106.15	27.14	4.05	31.49	173	357	P	H
	*	2412	105.8	-	-	96.07	27.14	4.05	31.49	173	357	A	H
													H
													H
		2386.23	66.18	-7.82	74	56.55	27.06	4.03	31.49	168	0	P	V
		2389.905	52.73	-1.27	54	43.09	27.07	4.03	31.49	168	0	A	V
	*	2412	115.41	-	-	105.68	27.14	4.05	31.49	168	0	P	V
	*	2412	105.31	-	-	95.58	27.14	4.05	31.49	168	0	A	V
													V
													V
802.11ac VHT20 CH 06 2437MHz		2389.24	64.31	-9.69	74	54.67	27.07	4.03	31.49	175	360	P	H
		2389.66	53.86	-0.14	54	44.22	27.07	4.03	31.49	175	360	A	H
	*	2437	121.68	-	-	111.85	27.21	4.07	31.48	175	360	P	H
	*	2437	112.25	-	-	102.42	27.21	4.07	31.48	175	360	A	H
		2483.69	62.32	-11.68	74	52.3	27.35	4.11	31.47	175	360	P	H
		2483.5	51.63	-2.37	54	41.61	27.35	4.11	31.47	175	360	A	H
		2388.82	63.08	-10.92	74	53.44	27.07	4.03	31.49	181	0	P	V
		2389.94	52.51	-1.49	54	42.87	27.07	4.03	31.49	181	0	A	V
	*	2437	121.47	-	-	111.64	27.21	4.07	31.48	181	0	P	V
	*	2437	110.67	-	-	100.84	27.21	4.07	31.48	181	0	A	V
		2483.97	60.54	-13.46	74	50.52	27.35	4.11	31.47	181	0	P	V
		2483.9	50	-4	54	39.98	27.35	4.11	31.47	181	0	A	V



802.11ac VHT20 CH 11 2462MHz	*	2462	116.63	-	-	106.7	27.29	4.08	31.47	176	0	P	H
	*	2462	106.5	-	-	96.57	27.29	4.08	31.47	176	0	A	H
		2483.72	67.87	-6.13	74	57.85	27.35	4.11	31.47	176	0	P	H
		2483.52	53.32	-0.68	54	43.3	27.35	4.11	31.47	176	0	A	H
													H
													H
	*	2462	114.76	-	-	104.83	27.29	4.08	31.47	175	360	P	V
	*	2462	104.87	-	-	94.94	27.29	4.08	31.47	175	360	A	V
		2485.04	64.47	-9.53	74	54.44	27.36	4.11	31.47	175	360	P	V
		2483.68	49.49	-4.51	54	39.47	27.35	4.11	31.47	175	360	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11ac VHT20 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT20 CH 01 2412MHz		4824	39.13	-34.87	74	58.56	32.18	6.17	58.31	100	0	P	H
													H
													H
													H
		4824	39.32	-34.68	74	58.75	32.18	6.17	58.31	100	0	P	V
													V
													V
802.11ac VHT20 CH 06 2437MHz		4874	39.92	-34.08	74	59.16	32.27	6.21	58.24	100	0	P	H
		7311	43.94	-30.06	74	57.99	36.97	7.72	59.09	100	0	P	H
													H
													H
		4874	40.13	-33.87	74	59.37	32.27	6.21	58.24	100	0	P	V
		7311	45.18	-28.82	74	59.23	36.97	7.72	59.09	100	0	P	V
													V
802.11ac VHT20 CH 11 2462MHz		4924	39.87	-34.13	74	58.96	32.36	6.23	58.18	100	0	P	H
		7386	44.73	-29.27	74	58.68	37.18	7.72	59.14	100	0	P	H
													H
													H
		4924	39.39	-34.61	74	58.48	32.36	6.23	58.18	100	0	P	V
		7386	44.21	-29.79	74	58.16	37.18	7.72	59.14	100	0	P	V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz
WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT40 CH 03 2422MHz		2389.38	65.3	-8.7	74	55.66	27.07	4.03	31.49	167	0	P	H
		2389.8	53.01	-0.99	54	43.37	27.07	4.03	31.49	167	0	A	H
	*	2422	108.34	-	-	98.57	27.17	4.05	31.48	167	0	P	H
	*	2422	98.69	-	-	88.92	27.17	4.05	31.48	167	0	A	H
		2484.46	57.82	-16.18	74	47.8	27.35	4.11	31.47	167	0	P	H
		2500	47.19	-6.81	54	37.11	27.4	4.11	31.46	167	0	A	H
		2387.84	64.9	-9.1	74	55.27	27.06	4.03	31.49	175	0	P	V
		2389.94	52.3	-1.7	54	42.66	27.07	4.03	31.49	175	0	A	V
	*	2422	107.69	-	-	97.92	27.17	4.05	31.48	175	0	P	V
	*	2422	97.71	-	-	87.94	27.17	4.05	31.48	175	0	A	V
		2484.39	56.45	-17.55	74	46.43	27.35	4.11	31.47	175	0	P	V
		2495.1	46.4	-7.6	54	36.33	27.39	4.11	31.46	175	0	A	V
802.11ac VHT40 CH 06 2437MHz		2389.1	64.45	-9.55	74	54.81	27.07	4.03	31.49	188	360	P	H
		2389.94	52.65	-1.35	54	43.01	27.07	4.03	31.49	188	360	A	H
	*	2437	114.27	-	-	104.44	27.21	4.07	31.48	188	360	P	H
	*	2437	103.83	-	-	94	27.21	4.07	31.48	188	360	A	H
		2484.67	65.46	-8.54	74	55.44	27.35	4.11	31.47	188	360	P	H
		2483.55	52.84	-1.16	54	42.82	27.35	4.11	31.47	188	360	A	H
		2389.8	61.53	-12.47	74	51.89	27.07	4.03	31.49	187	0	P	V
		2389.66	50.64	-3.36	54	41	27.07	4.03	31.49	187	0	A	V
	*	2437	112.36	-	-	102.53	27.21	4.07	31.48	187	0	P	V
	*	2437	102.39	-	-	92.56	27.21	4.07	31.48	187	0	A	V
		2484.32	63.4	-10.6	74	53.38	27.35	4.11	31.47	187	0	P	V
		2483.5	50.72	-3.28	54	40.7	27.35	4.11	31.47	187	0	A	V



802.11ac VHT40 CH 09 2452MHz		2389.8	58.76	-15.24	74	49.12	27.07	4.03	31.49	178	0	P	H
		2388.12	48.75	-5.25	54	39.12	27.06	4.03	31.49	178	0	A	H
	*	2452	109.46	-	-	99.56	27.26	4.08	31.47	178	0	P	H
	*	2452	99.39	-	-	89.49	27.26	4.08	31.47	178	0	A	H
		2484.46	65.58	-8.42	74	55.56	27.35	4.11	31.47	178	0	P	H
		2483.5	53.11	-0.89	54	43.09	27.35	4.11	31.47	178	0	A	H
		2386.3	57.4	-16.6	74	47.77	27.06	4.03	31.49	174	0	P	V
		2389.1	47.8	-6.2	54	38.16	27.07	4.03	31.49	174	0	A	V
	*	2452	108.82	-	-	98.92	27.26	4.08	31.47	174	0	P	V
	*	2452	97.85	-	-	87.95	27.26	4.08	31.47	174	0	A	V
		2484.18	62.91	-11.09	74	52.89	27.35	4.11	31.47	174	0	P	V
		2483.5	51.47	-2.53	54	41.45	27.35	4.11	31.47	174	0	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11ac VHT40 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT40 CH 03 2422MHz		4844	39.97	-34.03	74	59.33	32.22	6.18	58.29	100	0	P	H
		7266	44.31	-29.69	74	58.43	36.84	7.73	59.07	100	0	P	H
													H
													H
		4844	39.44	-34.56	74	58.8	32.22	6.18	58.29	100	0	P	V
		7266	43.82	-30.18	74	57.94	36.84	7.73	59.07	100	0	P	V
													V
													V
802.11ac VHT40 CH 06 2437MHz		4874	40.27	-33.73	74	59.51	32.27	6.21	58.24	100	0	P	H
		7311	44.37	-29.63	74	58.42	36.97	7.72	59.09	100	0	P	H
													H
													H
		4874	40.11	-33.89	74	59.35	32.27	6.21	58.24	100	0	P	V
		7311	43.88	-30.12	74	57.93	36.97	7.72	59.09	100	0	P	V
													V
													V
802.11ac VHT40 CH 09 2452MHz		4904	38.66	-35.34	74	57.8	32.33	6.22	58.2	100	0	P	H
		7356	44.92	-29.08	74	58.91	37.1	7.72	59.12	100	0	P	H
		12468	54.27	-19.73	74	62.47	38.92	10.27	57.79	209	169	P	H
		12468	50.09	-3.91	54	58.29	38.92	10.27	57.79	209	169	A	H
		4904	39.19	-34.81	74	58.33	32.33	6.22	58.2	100	0	P	V
		7356	44.92	-29.08	74	58.91	37.1	7.72	59.12	100	0	P	V
		12468	47.81	-26.19	74	56.01	38.92	10.27	57.79	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Emission below 1GHz

5GHz WIFI 802.11ac VHT20 (LF)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
5GHz 802.11ac VHT20 LF		61.59	31.75	-8.25	40	49.6	11.87	0.68	30.44	-	-	P	H
		135.03	34.92	-8.58	43.5	46.73	17.53	0.95	30.35	-	-	P	H
		276.51	35.07	-10.93	46	44.68	19.08	1.35	30.17	-	-	P	H
		600.3	37.46	-8.54	46	39.44	25.63	1.97	29.66	-	-	P	H
		746.6	40.02	-5.98	46	38.99	28.16	2.21	29.44	100	0	P	H
		875.4	36.61	-9.39	46	34.03	29.24	2.39	29.2	-	-	P	H
													H
													H
													H
													H
													H
													H
		61.32	35.92	-4.08	40	53.8	11.84	0.68	30.44	100	43	QP	V
	!	61.32	40.92	0.92	40	58.8	11.84	0.68	30.44	100	43	P	V
		78.06	34.54	-5.46	40	50.97	13.17	0.76	30.42	-	-	P	V
		278.67	32.85	-13.15	46	42.57	18.97	1.35	30.17	-	-	P	V
		600.3	35.5	-10.5	46	37.48	25.63	1.97	29.66	-	-	P	V
		746.6	42.06	-3.94	46	41.03	28.16	2.21	29.44	-	-	P	V
		875.4	36.51	-9.49	46	33.93	29.24	2.39	29.2	-	-	P	V
													V
												V	
												V	
												V	
												V	
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



Note symbol

*	Fundamental Frequency which can be ignored. However, the level of any unwanted emissions shall not exceed the level of the fundamental frequency.
!	Test result is over limit line.
P/A	Peak or Average
H/V	Horizontal or Vertical



A calculation example for radiated spurious emission is shown as below:

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
CH 01													
2412MHz		2390	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H

1. Level(dBμV/m) =

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

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

For Peak Limit @ 2390MHz:

1. Level(dBμV/m)

= Antenna Factor(dB/m) + Cable 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) + Cable 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”.



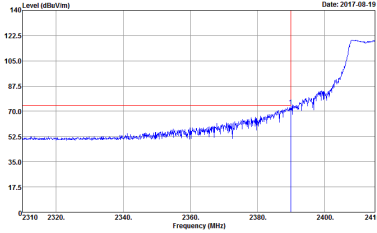
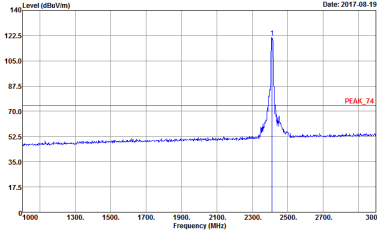
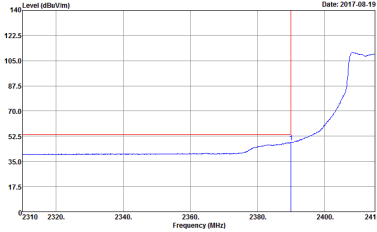
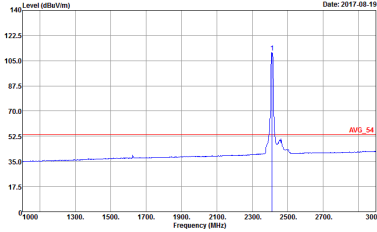
Appendix D. Radiated Spurious Emission Plots

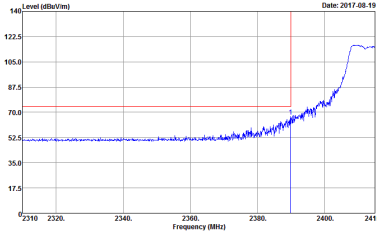
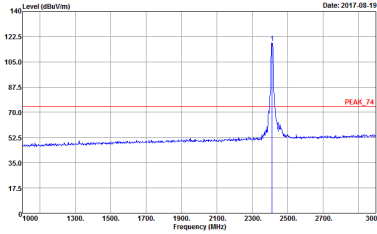
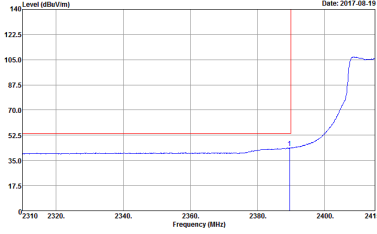
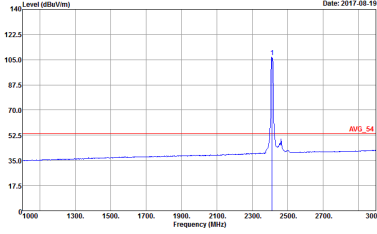
Test Engineer :	Peter Liao, Ray Chen, and Nick Yu	Temperature :	24~26°C
		Relative Humidity :	55~59%

Note symbol

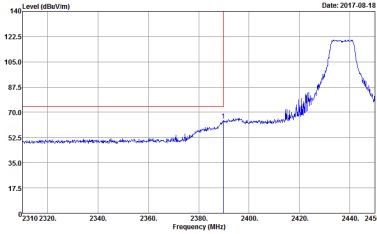
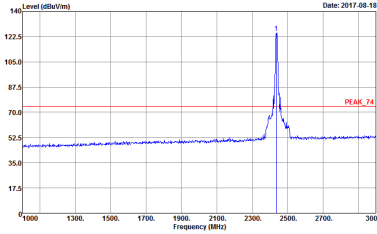
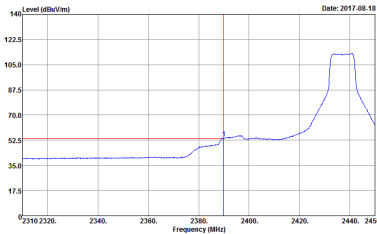
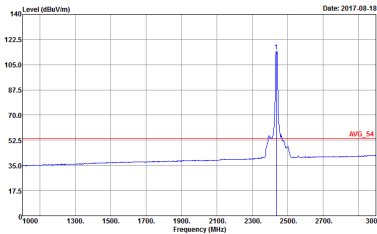
-L	Low channel location
-R	High channel location

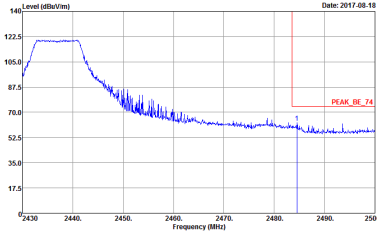
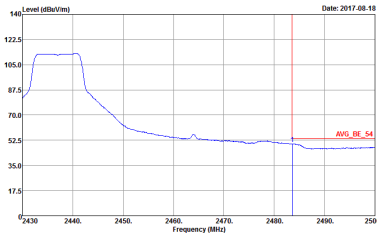
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2.4GHz 2400~2483.5MHz
WIFI 802.11ac VHT10 (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VHT10 CH01 2412MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : S81010-04 Mode : 1 Setting : 23.5	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : S81010-04 Mode : 1 Setting : 23.5
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : S81010-04 Mode : 1 Setting : 23.5	 Site : 03CH12-HY Condition : AVG_54 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : S81010-04 Mode : 1 Setting : 23.5

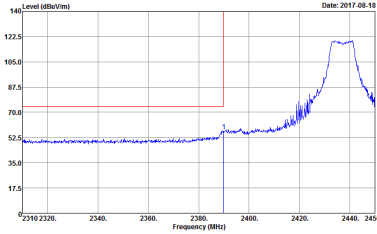
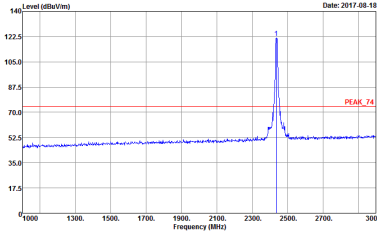
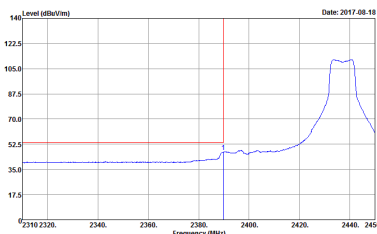
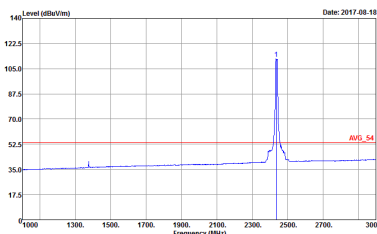
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VHT10 CH01 2412MHz	
1+2	Vertical	Fundamental
Peak	 Site Condition : 03CH12-HY PEAK, RE_74 3m HORN_9120D_1338 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : S81010-04 Setting : 1 : 23.5	 Site Condition : 03CH12-HY PEAK, 74 3m HORN_9120D_1338 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : S81010-04 Setting : 1 : 23.5
Avg.	 Site Condition : 03CH12-HY AVG, RE_54 3m HORN_9120D_1338 VERTICAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : S81010-04 Setting : 1 : 23.5	 Site Condition : 03CH12-HY AVG, 54 3m HORN_9120D_1338 VERTICAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : S81010-04 Setting : 1 : 23.5

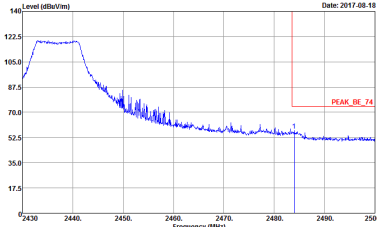
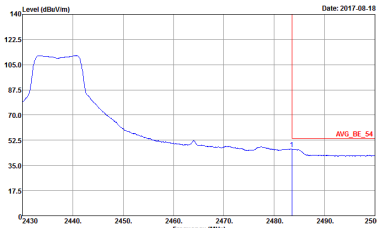


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VHT10 CH06 2437MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site Condition : 03CH12-HY : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : S81010-04 Setting : 2 : 26.5	 Site Condition : 03CH12-HY : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : S81010-04 Setting : 2 : 26.5
Avg.	 Site Condition : 03CH12-HY : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : S81010-04 Setting : 2 : 26.5	 Site Condition : 03CH12-HY : AVG_54 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : S81010-04 Setting : 2 : 26.5

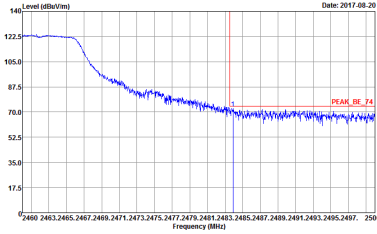
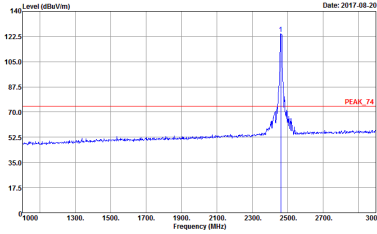
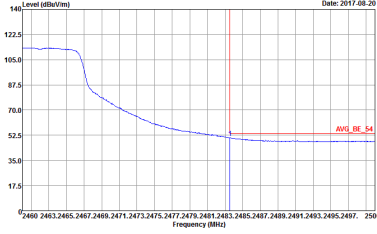
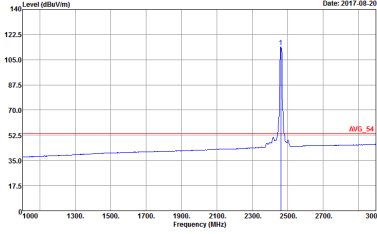
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VHT10 CH06 2437MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site: 03CH12-HY Condition: PEAK_BE_74 3m HORN_91200_1338 HORIZONTAL Detector: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project: Peak Mode: S81010-04 Setting: 2 26.5	Left blank
Avg.	 Site: 03CH12-HY Condition: AVG_BE_54 3m HORN_91200_1338 HORIZONTAL Detector: RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project: Peak Mode: S81010-04 Setting: 2 26.5	Left blank

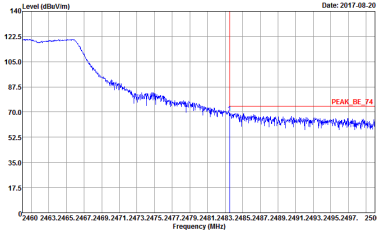
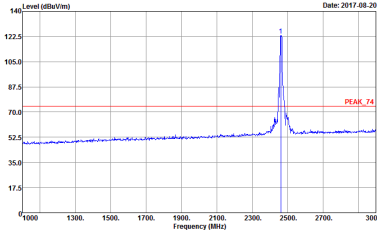
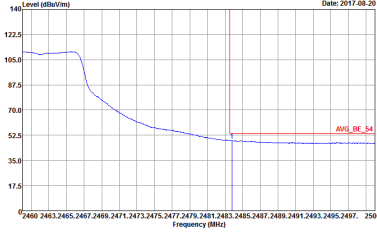
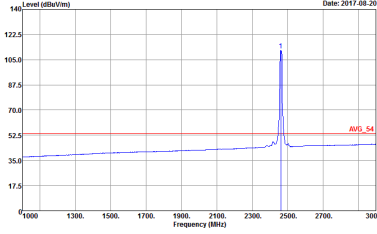


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VHT10 CH06 2437MHz - L	
1+2	Vertical	Fundamental
Peak	 Site Condition : 03CH12-HY : PEAK_BE_74 3m HORN_9120D_1338 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : S81010-04 Mode : 2 Setting : 26.5	 Site Condition : 03CH12-HY : PEAK_74 3m HORN_9120D_1338 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : S81010-04 Mode : 2 Setting : 26.5
Avg.	 Site Condition : 03CH12-HY : AVG_BE_54 3m HORN_9120D_1338 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : S81010-04 Mode : 2 Setting : 26.5	 Site Condition : 03CH12-HY : AVG_54 3m HORN_9120D_1338 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : S81010-04 Mode : 2 Setting : 26.5

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VHT10 CH06 2437MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_91200_1378 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 581010-04 Setting : 2 Setting : 26.5	Left blank
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_91200_1378 VERTICAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : 581010-04 Setting : 2 Setting : 26.5	Left blank

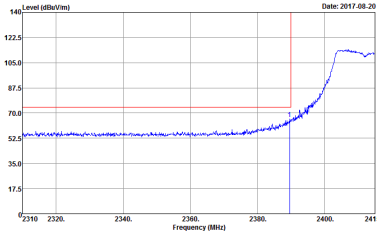
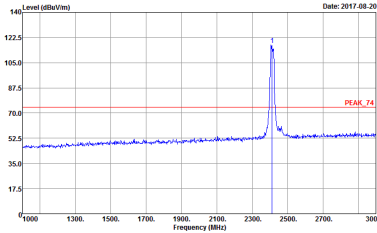
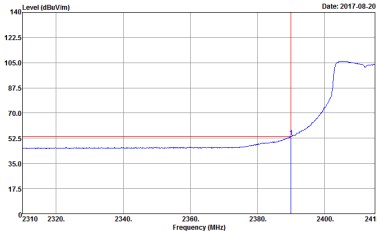
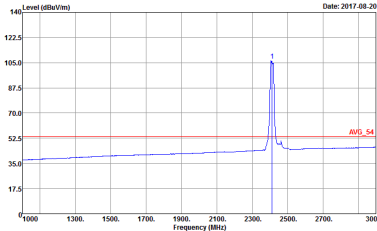


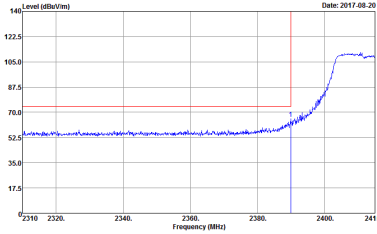
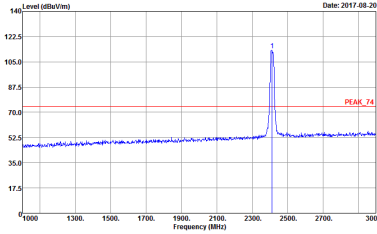
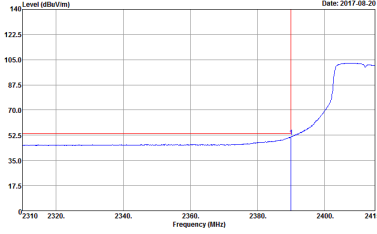
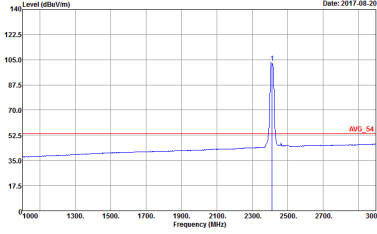
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VHT10 CH11 2462MHz	
1+2	Horizontal	Fundamental
Peak	 Site Condition : 03CH12-HY : PEAK_BE_74 3m HORN_9120D_1378 HORIZONTAL : RBW:1000.000KHz VSW:3000.000KHz SWT:Auto Detector : Peak Project : S81010-04 Mode : 3 Setting : 26	 Site Condition : 03CH12-HY : PEAK_74 3m HORN_9120D_1378 HORIZONTAL : RBW:1000.000KHz VSW:3000.000KHz SWT:Auto Detector : Peak Project : S81010-04 Mode : 3 Setting : 26
Avg.	 Site Condition : 03CH12-HY : AVG_BE_54 3m HORN_9120D_1378 HORIZONTAL : RBW:1000.000KHz VSW:1.000KHz SWT:Auto Detector : Peak Project : S81010-04 Mode : 3 Setting : 26	 Site Condition : 03CH12-HY : AVG_54 3m HORN_9120D_1378 HORIZONTAL : RBW:1000.000KHz VSW:1.000KHz SWT:Auto Detector : Peak Project : S81010-04 Mode : 3 Setting : 26

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VHT10 CH11 2462MHz	
1+2	Vertical	Fundamental
Peak	 Site Condition : 03CH12-HY : PEAK_BE_74 3m HORN_9120D_1378 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : S81010-04 Mode : 3 Setting : 26	 Site Condition : 03CH12-HY : PEAK_74 3m HORN_9120D_1378 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : S81010-04 Mode : 3 Setting : 26
Avg.	 Site Condition : 03CH12-HY : AVG_BE_54 3m HORN_9120D_1378 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : S81010-04 Mode : 3 Setting : 26	 Site Condition : 03CH12-HY : AVG_54 3m HORN_9120D_1378 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : S81010-04 Mode : 3 Setting : 26

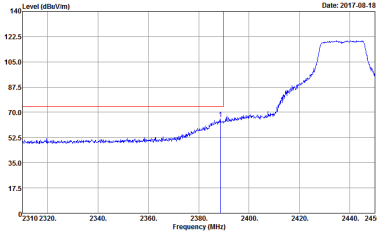
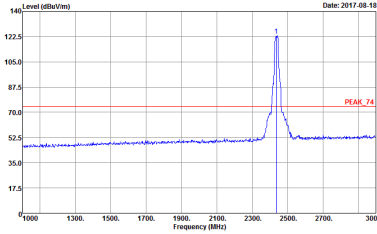
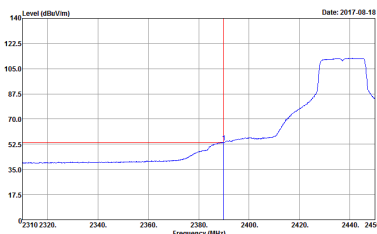
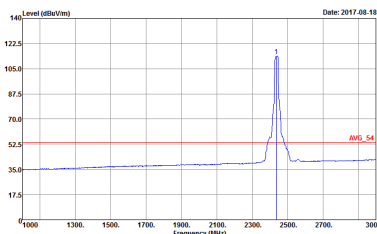
2.4GHz 2400~2483.5MHz

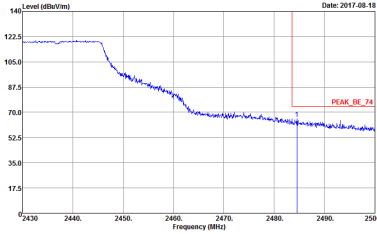
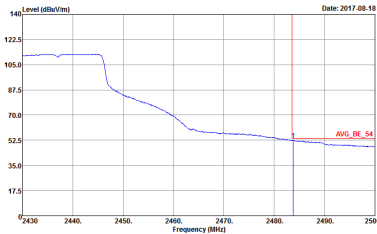
WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH01 2412MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz YBW:3000.000KHz SWT:Auto Project : Peak Mode : S81010-04 Setting : 4 : 21	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz YBW:3000.000KHz SWT:Auto Project : Peak Mode : S81010-04 Setting : 4 : 21
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz YBW:1.000KHz SWT:Auto Project : Peak Mode : S81010-04 Setting : 4 : 21	 Site : 03CH12-HY Condition : AVG_54 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz YBW:1.000KHz SWT:Auto Project : Peak Mode : S81010-04 Setting : 4 : 21

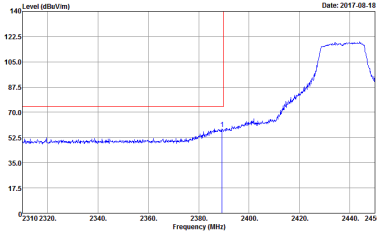
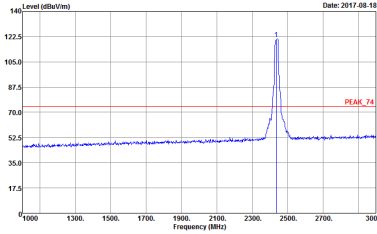
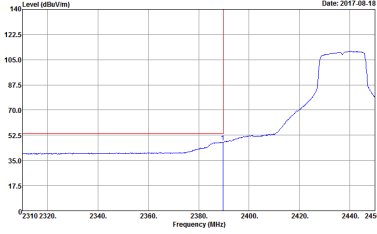
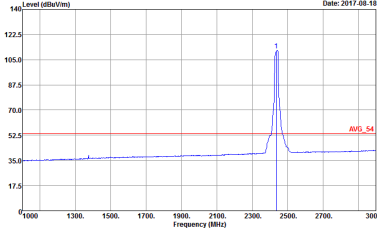
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH01 2412MHz	
1+2	Vertical	Fundamental
Peak	 Site Condition : 03CH12-HY PEAK_BE_74 3m HORN_9120D_1338 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : S81010-04 Setting : 4 : 21	 Site Condition : 03CH12-HY PEAK_74 3m HORN_9120D_1338 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : S81010-04 Setting : 4 : 21
Avg.	 Site Condition : 03CH12-HY AVG_BE_54 3m HORN_9120D_1338 VERTICAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : S81010-04 Setting : 4 : 21	 Site Condition : 03CH12-HY AVG_54 3m HORN_9120D_1338 VERTICAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : S81010-04 Setting : 4 : 21

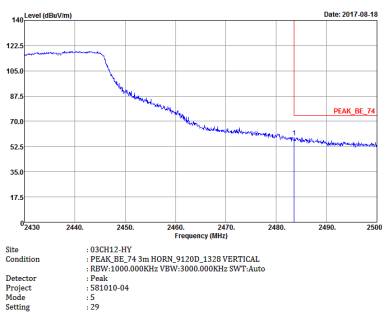
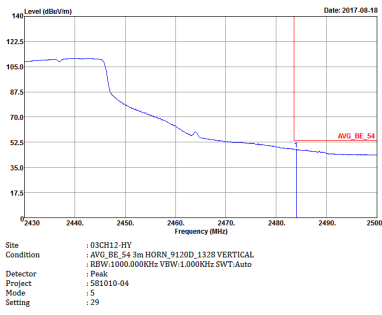


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH06 2437MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK, RE_74 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : S81010-04 Setting : 5 Date: 2017-08-18	 Site : 03CH12-HY Condition : PEAK, 74 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : S81010-04 Setting : 5 Date: 2017-08-18
Avg.	 Site : 03CH12-HY Condition : AVG, RE_54 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : S81010-04 Setting : 5 Date: 2017-08-18	 Site : 03CH12-HY Condition : AVG, 54 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : S81010-04 Setting : 5 Date: 2017-08-18

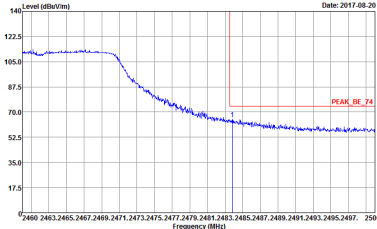
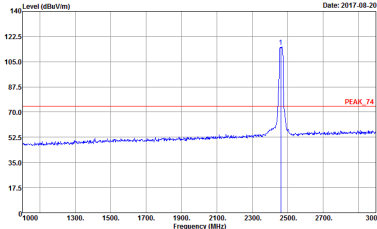
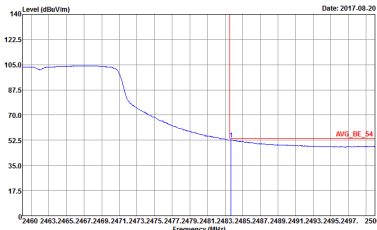
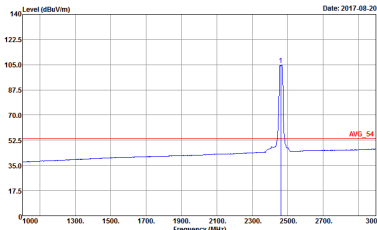
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH06 2437MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_91200_1338 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : S81010-04 Setting : 5 Setting : 29	Left blank
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_91200_1338 HORIZONTAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : S81010-04 Setting : 5 Setting : 29	Left blank



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH06 2437MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK, RE_74 3m HORN_9120D_1338 VERTICAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Project : Peak Mode : S81010-04 Setting : 5 Date: 2017-08-18	 Site : 03CH12-HY Condition : PEAK, 74 3m HORN_9120D_1338 VERTICAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Project : Peak Mode : S81010-04 Setting : 5 Date: 2017-08-18
Avg.	 Site : 03CH12-HY Condition : AVG, RE_54 3m HORN_9120D_1338 VERTICAL Detector : RBW:1000.000kHz VBW:1.000kHz SWT:Auto Project : Peak Mode : S81010-04 Setting : 5 Date: 2017-08-18	 Site : 03CH12-HY Condition : AVG, 54 3m HORN_9120D_1338 VERTICAL Detector : RBW:1000.000kHz VBW:1.000kHz SWT:Auto Project : Peak Mode : S81010-04 Setting : 5 Date: 2017-08-18

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH06 2437MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

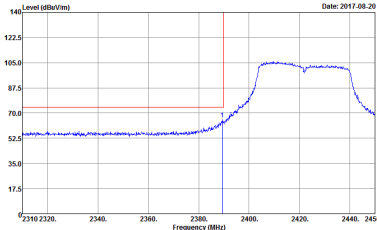
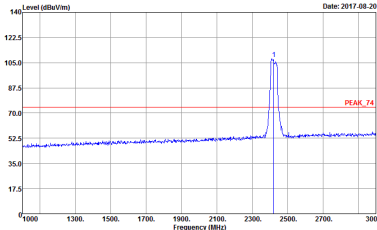
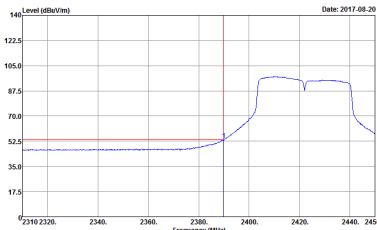
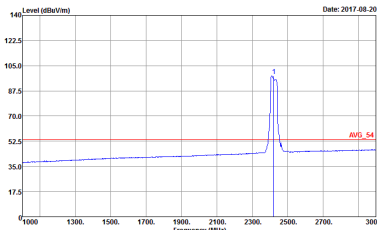


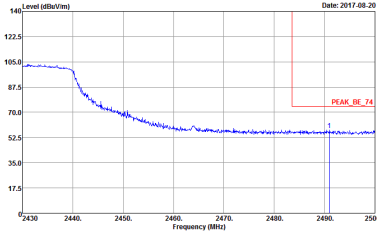
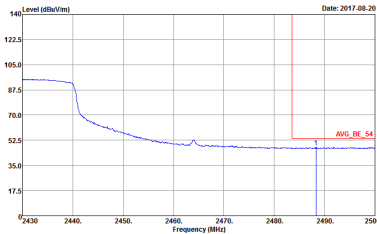
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH11 2462MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : S81010-04 Setting : 6 Setting : 20.5	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : S81010-04 Setting : 6 Setting : 20.5
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : S81010-04 Setting : 6 Setting : 20.5	 Site : 03CH12-HY Condition : AVG_54 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : S81010-04 Setting : 6 Setting : 20.5

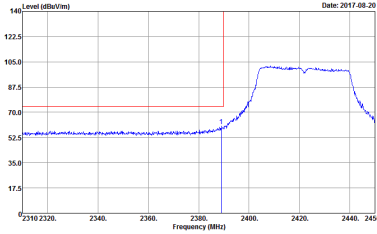
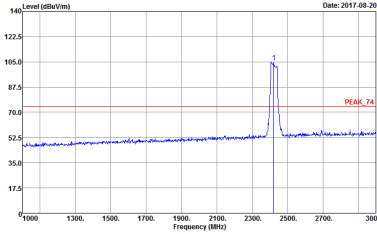
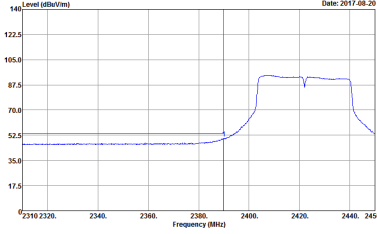
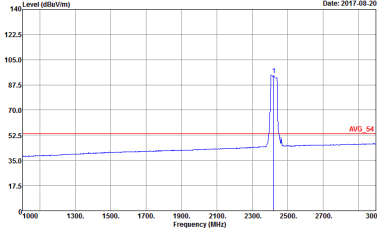


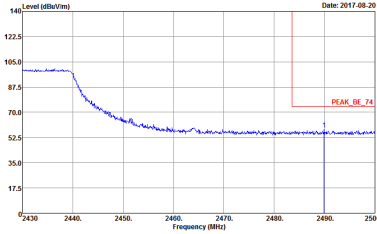
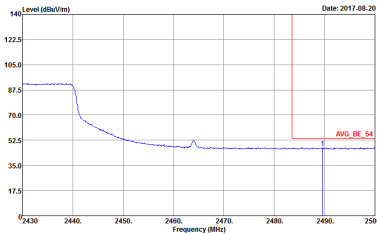
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH11 2462MHz	
1+2	Vertical	Fundamental
Peak	Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1378 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : S81010-04 Setting : 6 Setting : 20.5	Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1378 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : S81010-04 Setting : 6 Setting : 20.5
Avg.	Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1378 VERTICAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : S81010-04 Setting : 6 Setting : 20.5	Site : 03CH12-HY Condition : AVG_54 3m HORN_9120D_1378 VERTICAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : S81010-04 Setting : 6 Setting : 20.5

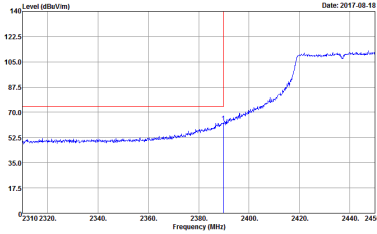
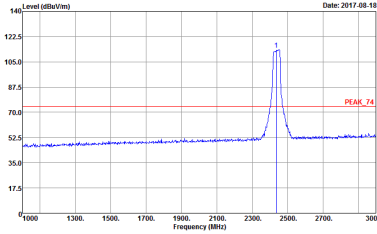
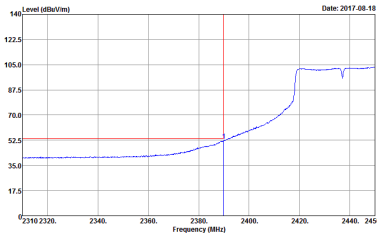
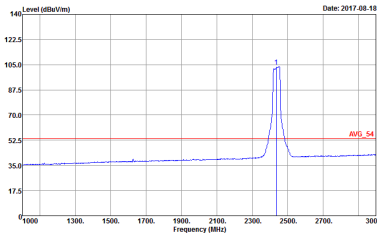
2.4GHz 2400~2483.5MHz
WIFI 802.11ac VHT40 (Band Edge @ 3m)

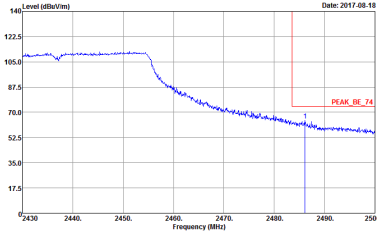
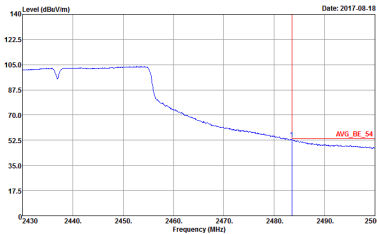
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH03 2422MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : REW:1000.000KHz YBW:3000.000KHz SWT:Auto Project : Peak Mode : 581010-04 Setting : 7 : 15	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : REW:1000.000KHz YBW:3000.000KHz SWT:Auto Project : Peak Mode : 581010-04 Setting : 7 : 15
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : REW:1000.000KHz YBW:3.000KHz SWT:Auto Project : Peak Mode : 581010-04 Setting : 7 : 15	 Site : 03CH12-HY Condition : AVG_54 3m HORN_9120D_1328 HORIZONTAL Detector : REW:1000.000KHz YBW:3.000KHz SWT:Auto Project : Peak Mode : 581010-04 Setting : 7 : 15

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH03 2422MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site: 03CH12-HY Condition: PEAK_BE_74 3m HORN_91200_1328 HORIZONTAL Detector: RBW:1000.000KHz VSW:3.000KHz SWT:Auto Project: Peak Mode: 581010-04 Setting: 7 15	Left blank
Avg.	 Site: 03CH12-HY Condition: AVG_BE_54 3m HORN_91200_1328 HORIZONTAL Detector: RBW:1000.000KHz VSW:3.000KHz SWT:Auto Project: Peak Mode: 581010-04 Setting: 7 15	Left blank

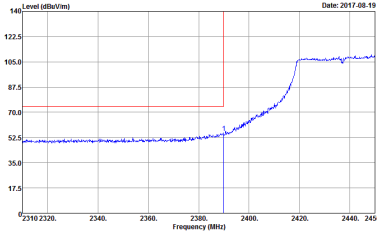
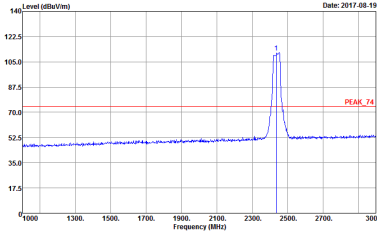
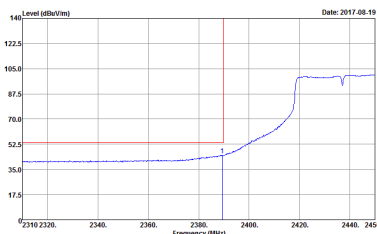
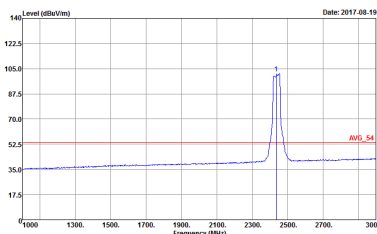
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH03 2422MHz - L	
1+2	Vertical	Fundamental
Peak	 Site Condition : 03CH12-HY : PEAK, RE_74 3m HORN_9120D_1338 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto : Peak : 581010-04 : 7 : 15	 Site Condition : 03CH12-HY : PEAK, 74 3m HORN_9120D_1338 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto : Peak : 581010-04 : 7 : 15
Avg.	 Site Condition : 03CH12-HY : AVG, RE_54 3m HORN_9120D_1338 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto : Peak : 581010-04 : 7 : 15	 Site Condition : 03CH12-HY : AVG, 54 3m HORN_9120D_1338 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto : Peak : 581010-04 : 7 : 15

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH03 2422MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_91200_1338 VERTICAL Detector : RBW:1000.000KHz VSW:3.000KHz SWT:Auto Project : Peak Mode : 581010-04 Setting : 7 15	Left blank
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_91200_1338 VERTICAL Detector : RBW:1000.000KHz VSW:3.000KHz SWT:Auto Project : Peak Mode : 581010-04 Setting : 7 15	Left blank

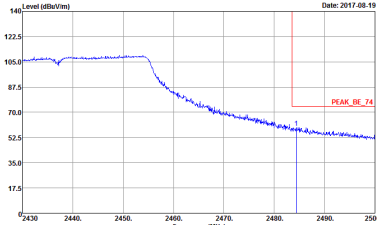
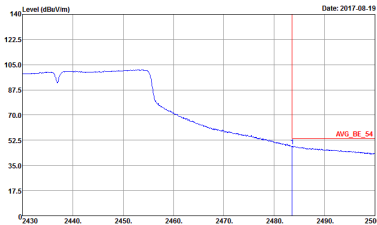
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH06 2437MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site Condition : 03CH12-HY : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : S81010-04 Mode : 8 Setting : 21.5	 Site Condition : 03CH12-HY : PEAK_74 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : S81010-04 Mode : 8 Setting : 21.5
Avg.	 Site Condition : 03CH12-HY : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : S81010-04 Mode : 8 Setting : 21.5	 Site Condition : 03CH12-HY : AVG_54 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : S81010-04 Mode : 8 Setting : 21.5

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH06 2437MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_91200_1338 HORIZONTAL Detector : RBW:1000.000KHz VSW:3.000KHz SWT:Auto Project : Peak Mode : S81010-04 Setting : 8 : 21.5	Left blank
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_91200_1338 HORIZONTAL Detector : RBW:1000.000KHz VSW:3.000KHz SWT:Auto Project : Peak Mode : S81010-04 Setting : 8 : 21.5	Left blank

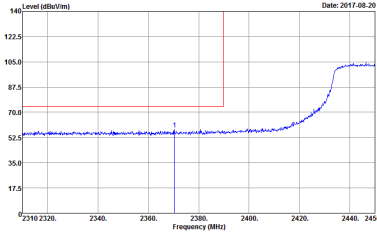
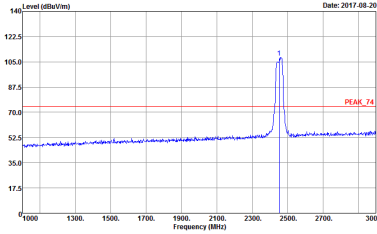
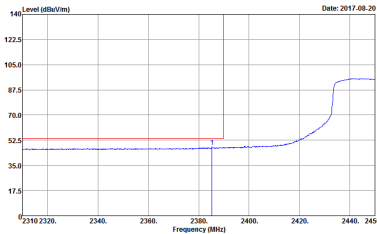
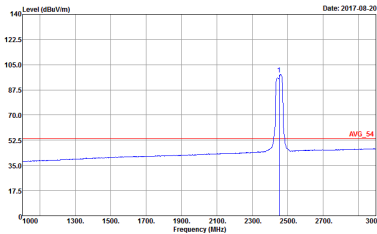


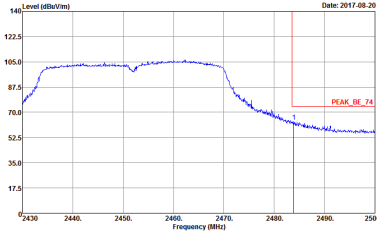
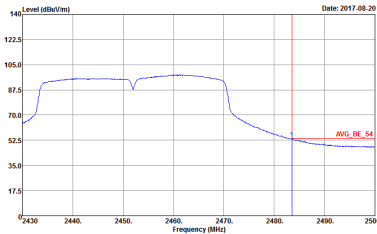
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH06 2437MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1338 VERTICAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Project : Peak Mode : S81010-04 Setting : 8 : 21.5	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1338 VERTICAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Project : Peak Mode : S81010-04 Setting : 8 : 21.5
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1338 VERTICAL Detector : RBW:1000.000kHz VBW:3.000kHz SWT:Auto Project : Peak Mode : S81010-04 Setting : 8 : 21.5	 Site : 03CH12-HY Condition : AVG_54 3m HORN_9120D_1338 VERTICAL Detector : RBW:1000.000kHz VBW:3.000kHz SWT:Auto Project : Peak Mode : S81010-04 Setting : 8 : 21.5

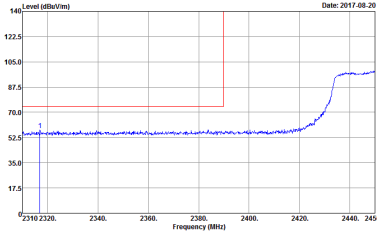
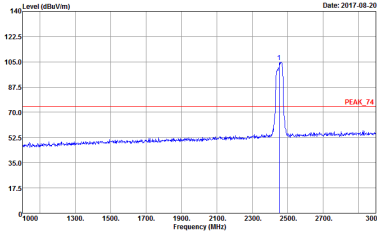
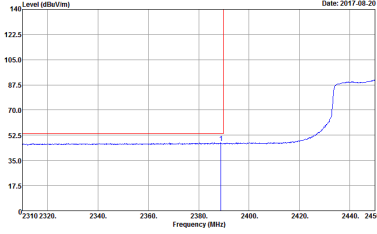
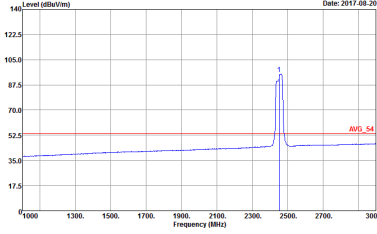


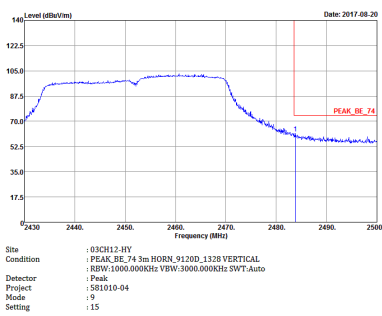
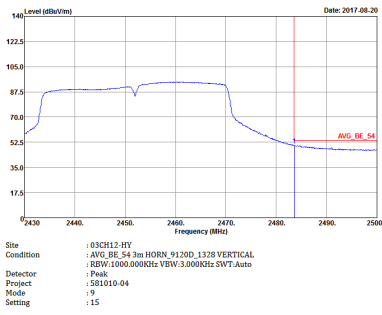
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH06 2437MHz - R	
1+2	Vertical	Fundamental
Peak	 Site: 03CH12-HY Condition: PEAK_BE_74 3m HORN_91200_1338 VERTICAL Detector: RBW:1000.000KHz VSW:3.000KHz SWT:Auto Project: Peak Mode: S81010-04 Setting: 8 21.5 Date: 2017.08.19	Left blank
Avg.	 Site: 03CH12-HY Condition: AVG_BE_54 3m HORN_91200_1338 VERTICAL Detector: RBW:1000.000KHz VSW:3.000KHz SWT:Auto Project: Peak Mode: S81010-04 Setting: 8 21.5 Date: 2017.08.19	Left blank



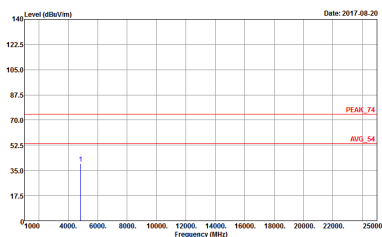
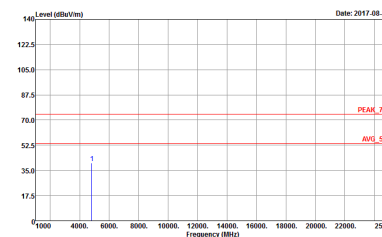
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH09 2452MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK, RE_74 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : S81010-04 Setting : 9 : 15	 Site : 03CH12-HY Condition : PEAK, 74 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : S81010-04 Setting : 9 : 15
Avg.	 Site : 03CH12-HY Condition : AVG, RE_54 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Project : Peak Mode : S81010-04 Setting : 9 : 15	 Site : 03CH12-HY Condition : AVG, 54 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Project : Peak Mode : S81010-04 Setting : 9 : 15

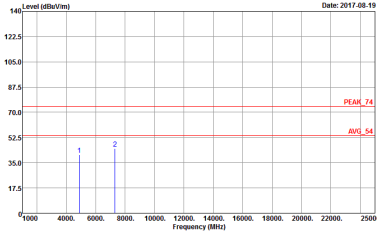
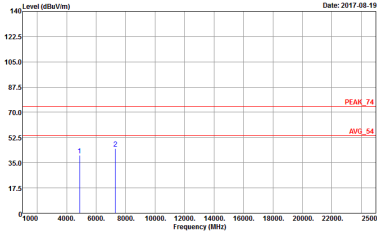
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH09 2452MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_91200_1338 HORIZONTAL Detector : RBW:1000.000KHz VSW:3.000KHz SWT:Auto Project : Peak Mode : S81010-04 Setting : 9 : 15	Left blank
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_91200_1338 HORIZONTAL Detector : RBW:1000.000KHz VSW:3.000KHz SWT:Auto Project : Peak Mode : S81010-04 Setting : 9 : 15	Left blank

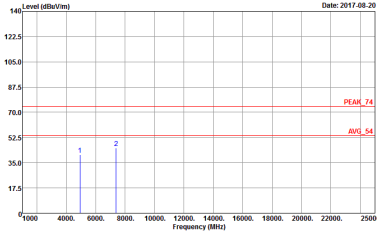
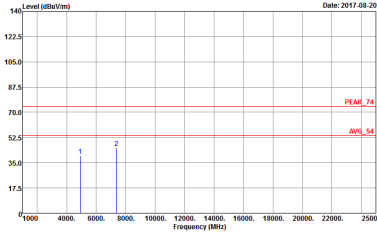
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH09 2452MHz - L	
1+2	Vertical	Fundamental
Peak	 Site Condition : 03CH12-HY PEAK, RE_74 3m HORN_9120D_1338 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : S81010-04 Setting : 9 : 15	 Site Condition : 03CH12-HY PEAK, 74 3m HORN_9120D_1338 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : S81010-04 Setting : 9 : 15
Avg.	 Site Condition : 03CH12-HY AVG, RE_54 3m HORN_9120D_1338 VERTICAL Detector : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Project : Peak Mode : S81010-04 Setting : 9 : 15	 Site Condition : 03CH12-HY AVG, 54 3m HORN_9120D_1338 VERTICAL Detector : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Project : Peak Mode : S81010-04 Setting : 9 : 15

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH09 2452MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

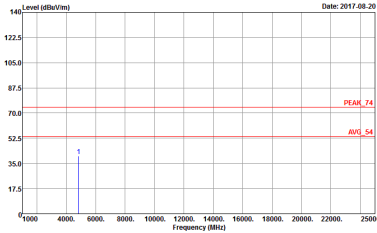
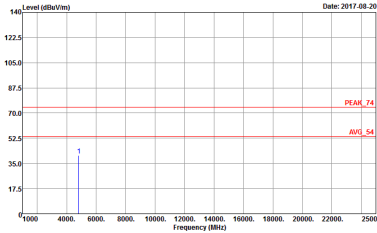
2.4GHz 2400~2483.5MHz
WIFI 802.11ac VHT10 (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11ac VHT10 CH01 2412MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : SR1010-04 Mode : 1 Setting : 23.5	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : SR1010-04 Mode : 1 Setting : 23.5

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11ac VHT10 CH06 2437MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site Condition : 03CH12-HY Detector : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Project : S81010-04 Mode : 2 Setting : 26.5	 Site Condition : 03CH12-HY Detector : PEAK_74 3m HORN_9120D_1328 VERTICAL Project : S81010-04 Mode : 2 Setting : 26.5

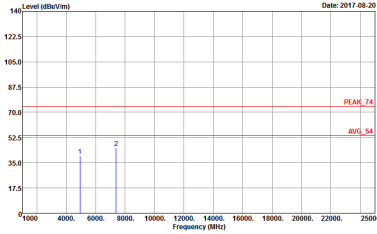
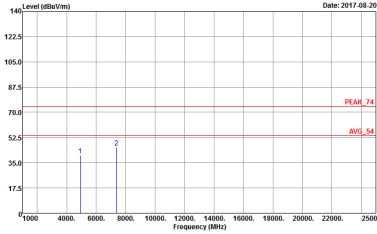
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11ac VHT10 CH11 2462MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site Condition : 03CH12-HY Detector : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Project : S81010-04 Mode : 3 Setting : 26	 Site Condition : 03CH12-HY Detector : PEAK_74 3m HORN_9120D_1328 VERTICAL Project : S81010-04 Mode : 3 Setting : 26

2.4GHz 2400~2483.5MHz
WIFI 802.11ac VHT20 (Harmonic @ 3m)

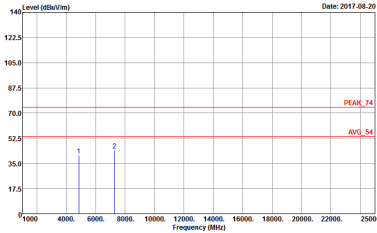
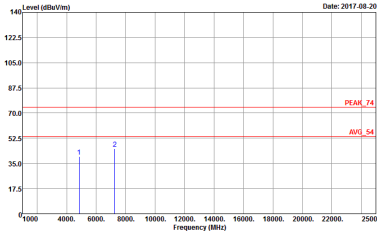
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH01 2412MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : SR1010-04 Mode : 4 Setting : 21	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : SR1010-04 Mode : 4 Setting : 21



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH06 2437MHz	
1+2	Horizontal	Vertical
Peak Avg.	Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : SR1010-04 Mode : 5 Setting : 29	Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : SR1010-04 Mode : 5 Setting : 29

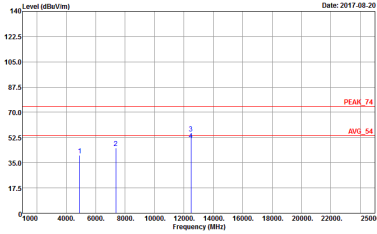
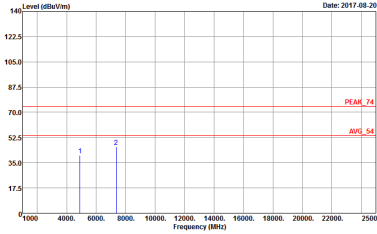
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH11 2462MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site Condition : 03CH12-HY Detector : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Project : S81010-04 Mode : 6 Setting : 20.5	 Site Condition : 03CH12-HY Detector : PEAK_74 3m HORN_9120D_1328 VERTICAL Project : S81010-04 Mode : 6 Setting : 20.5

2.4GHz 2400~2483.5MHz
WIFI 802.11ac VHT40 (Harmonic @ 3m)

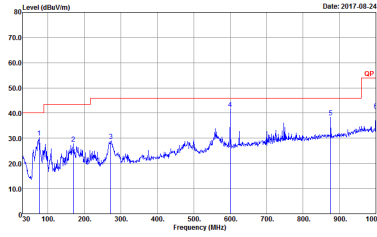
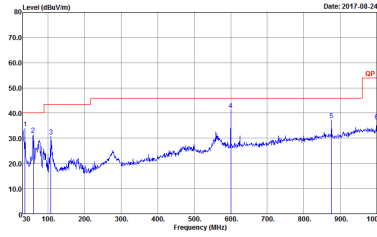
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11ac VHT40 CH03 2422MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : SR1010-04 Mode : 7 Setting : 15	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : SR1010-04 Mode : 7 Setting : 15



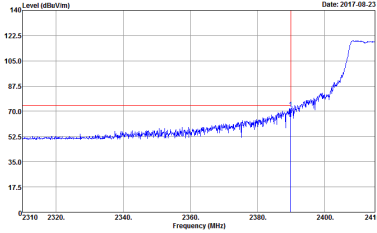
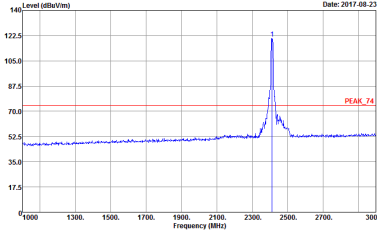
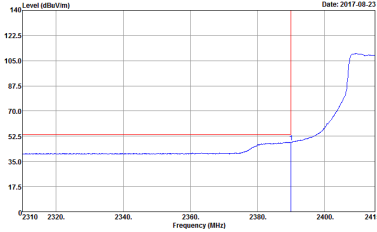
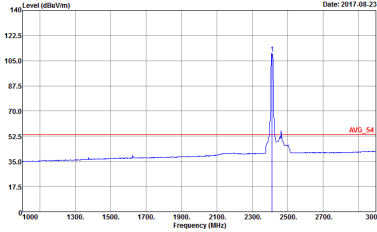
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11ac VHT40 CH06 2437MHz	
1+2	Horizontal	Vertical
Peak Avg.	Site Condition : 03CH12-HY Detector : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Project : SR1010-04 Mode : 8 Setting : 21.5	Site Condition : 03CH12-HY Detector : PEAK_74 3m HORN_9120D_1328 VERTICAL Project : SR1010-04 Mode : 8 Setting : 21.5

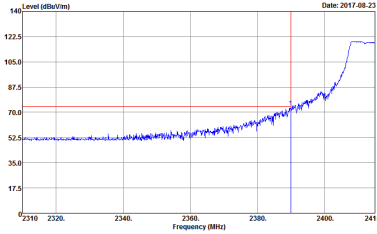
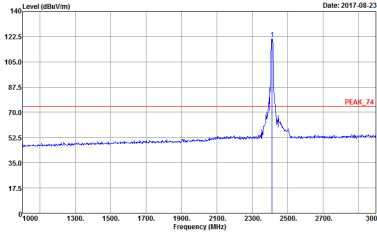
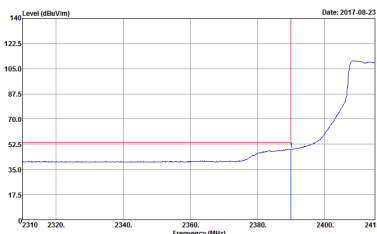
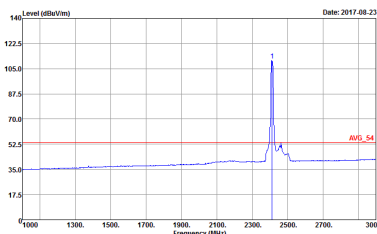
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11ac VHT40 CH09 2452MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site Condition : 03CH12-HY Detector : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Project : SR1010-04 Mode : 9 Setting : 15	 Site Condition : 03CH12-HY Detector : PEAK_74 3m HORN_9120D_1328 VERTICAL Project : SR1010-04 Mode : 9 Setting : 15

Emission below 1GHz
2.4GHz WIFI 802.11ac VHT20 (LF)

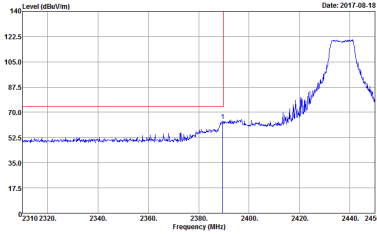
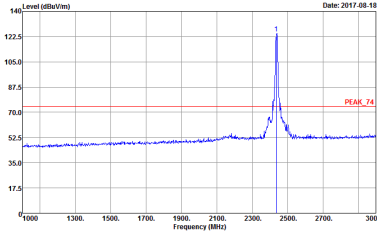
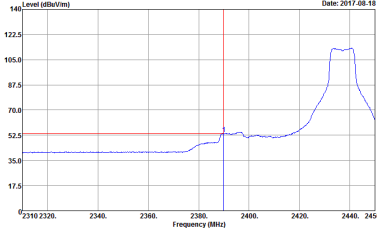
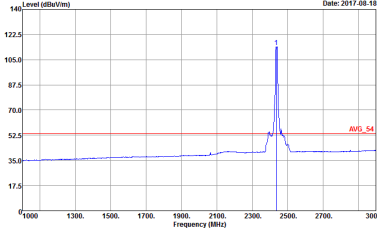
WIFI	2.4GHz 2400~2483.5MHz	
ANT	802.11ac VHT20 LF	
1+2	Horizontal	Vertical
QP / Peak	 Site : 03CH12-HY Condition : QP 3m BILOG_6111D_37059 HORIZONTAL Detector : Peak Project : SR1010-04 Mode : 10	 Site : 03CH12-HY Condition : QP 3m BILOG_6111D_37059 VERTICAL Detector : Peak Project : SR1010-04 Mode : 10

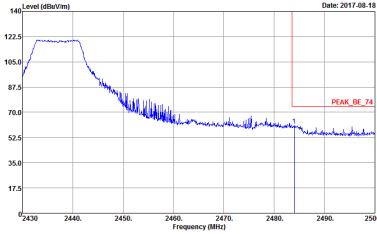
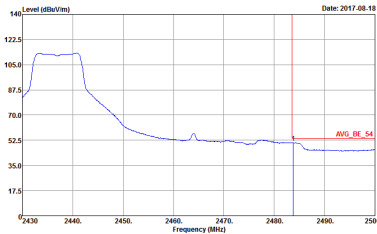
<Ant. Type 5>
2.4GHz 2400~2483.5MHz
WIFI 802.11ac VHT10 (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VHT10 CH01 2412MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK, BE_74 3m HORN, 9120D, 1328 HORIZONTAL Detector : Peak Project : S81010-04 Mode : 1 Setting : 21.5	 Site : 03CH12-HY Condition : PEAK, 74 3m HORN, 9120D, 1328 HORIZONTAL Detector : Peak Project : S81010-04 Mode : 1 Setting : 21.5
Avg.	 Site : 03CH12-HY Condition : AVG, BE_54 3m HORN, 9120D, 1328 HORIZONTAL Detector : Peak Project : S81010-04 Mode : 1 Setting : 21.5	 Site : 03CH12-HY Condition : AVG, 54 3m HORN, 9120D, 1328 HORIZONTAL Detector : Peak Project : S81010-04 Mode : 1 Setting : 21.5

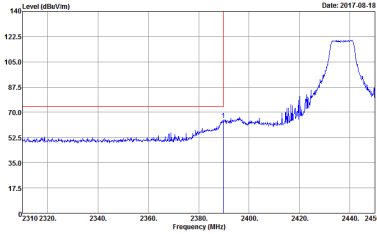
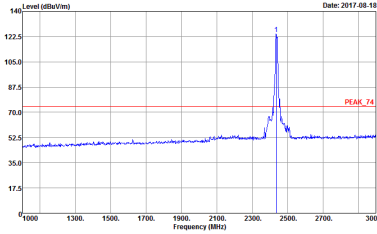
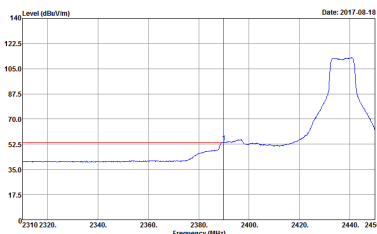
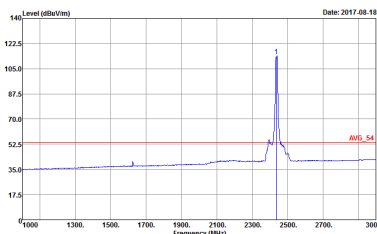
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VHT10 CH01 2412MHz	
1+2	Vertical	Fundamental
Peak	 Site Condition : 03CH12-HY : PEAK_BE_74 3m HORN_9120D_1338 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : S81010-04 Mode : 1 Setting : 21.5	 Site Condition : 03CH12-HY : PEAK_74 3m HORN_9120D_1338 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : S81010-04 Mode : 1 Setting : 21.5
Avg.	 Site Condition : 03CH12-HY : AVG_BE_54 3m HORN_9120D_1338 VERTICAL : RBW:1000.000kHz VBW:1.000kHz SWT:Auto Detector : Peak Project : S81010-04 Mode : 1 Setting : 21.5	 Site Condition : 03CH12-HY : AVG_54 3m HORN_9120D_1338 VERTICAL : RBW:1000.000kHz VBW:1.000kHz SWT:Auto Detector : Peak Project : S81010-04 Mode : 1 Setting : 21.5

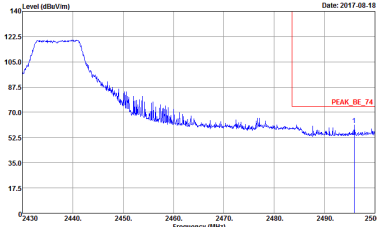
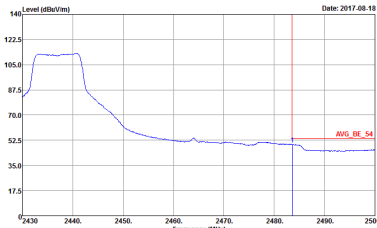


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VHT10 CH06 2437MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : S81010-04 Setting : 25	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : S81010-04 Setting : 25
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : S81010-04 Setting : 25	 Site : 03CH12-HY Condition : AVG_54 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : S81010-04 Setting : 25

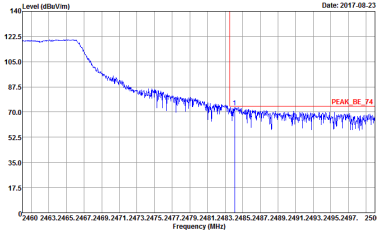
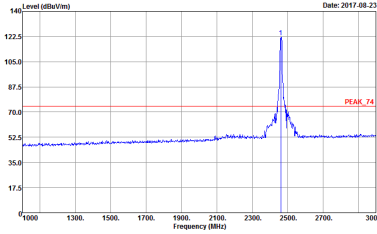
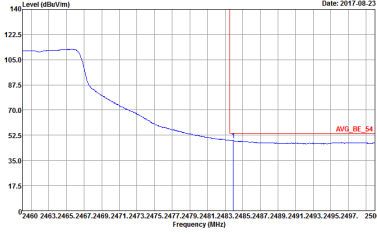
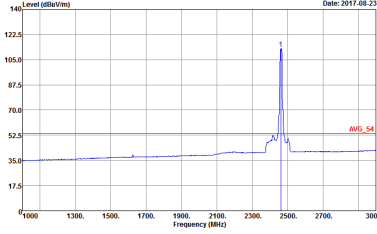
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VHT10 CH06 2437MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site: 03CH12-HY Condition: PEAK, BE_74 3m HORN_91200_1338 HORIZONTAL Detector: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project: Peak Mode: 581010-04 Setting: 2 25	Left blank
Avg.	 Site: 03CH12-HY Condition: AVG, BE_54 3m HORN_91200_1338 HORIZONTAL Detector: RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project: Peak Mode: 581010-04 Setting: 2 25	Left blank

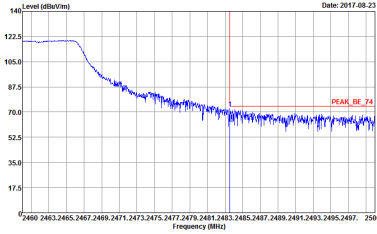
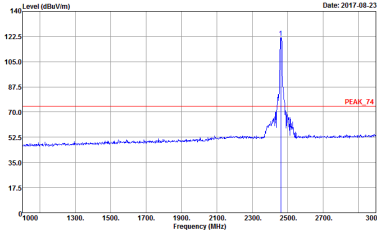
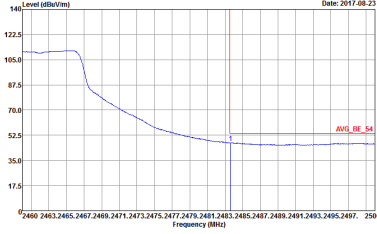
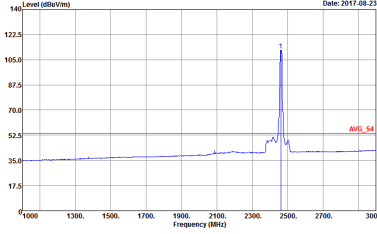


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VHT10 CH06 2437MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK, RE_74 3m HORN_9120D_1338 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : S81010-04 Setting : 2 25	 Site : 03CH12-HY Condition : PEAK, 74 3m HORN_9120D_1338 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : S81010-04 Setting : 2 25
Avg.	 Site : 03CH12-HY Condition : AVG, RE_54 3m HORN_9120D_1338 VERTICAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : S81010-04 Setting : 2 25	 Site : 03CH12-HY Condition : AVG, 54 3m HORN_9120D_1338 VERTICAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : S81010-04 Setting : 2 25

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VHT10 CH06 2437MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_91200_1338 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 581010-04 Setting : 2 Setting : 25	Left blank
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_91200_1338 VERTICAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : 581010-04 Setting : 2 Setting : 25	Left blank

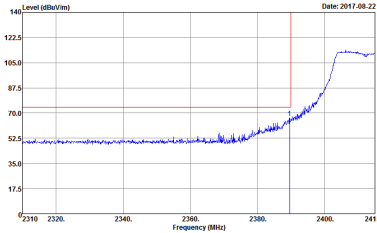
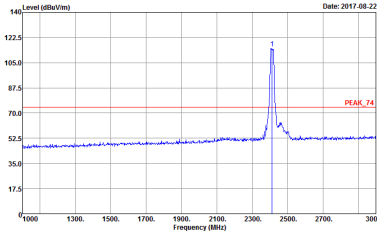
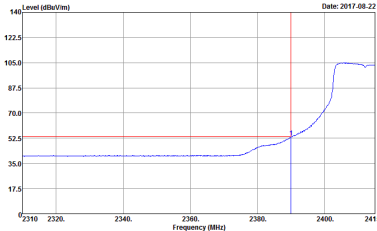
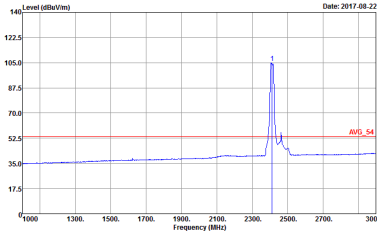


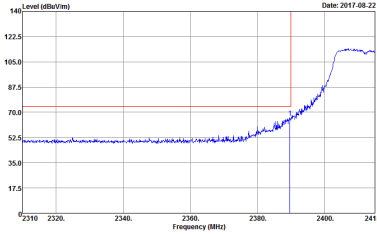
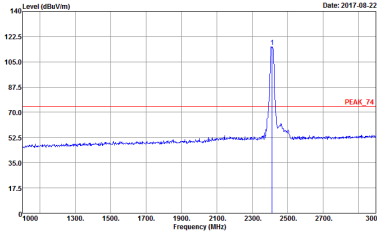
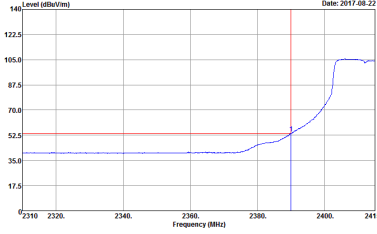
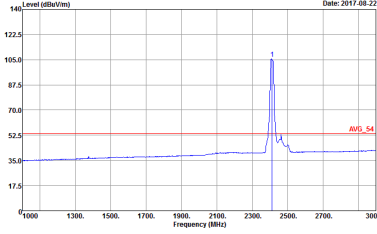
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VHT10 CH11 2462MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1378 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : S81010-04 Setting : 3 Setting : 23	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1378 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : S81010-04 Setting : 3 Setting : 23
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1378 HORIZONTAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : S81010-04 Setting : 3 Setting : 23	 Site : 03CH12-HY Condition : AVG_54 3m HORN_9120D_1378 HORIZONTAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : S81010-04 Setting : 3 Setting : 23

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VHT10 CH11 2462MHz	
1+2	Vertical	Fundamental
Peak	 Site Condition : 03CH12-HY : PEAK_BE_74 3m HORN_9120D_1378 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : S81010-04 Mode : 3 Setting : 23	 Site Condition : 03CH12-HY : PEAK_74 3m HORN_9120D_1378 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : S81010-04 Mode : 3 Setting : 23
Avg.	 Site Condition : 03CH12-HY : AVG_BE_54 3m HORN_9120D_1378 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : S81010-04 Mode : 3 Setting : 23	 Site Condition : 03CH12-HY : AVG_54 3m HORN_9120D_1378 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : S81010-04 Mode : 3 Setting : 23

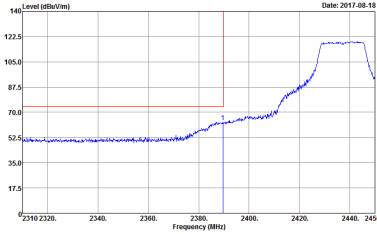
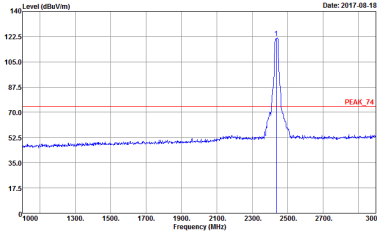
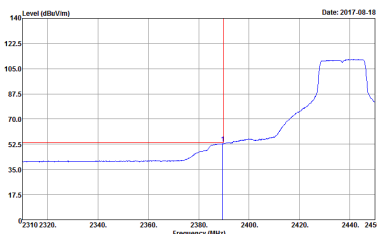
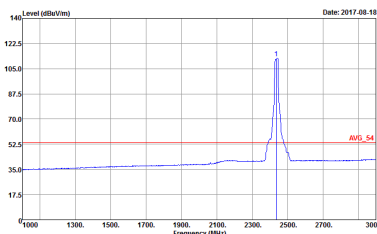
2.4GHz 2400~2483.5MHz

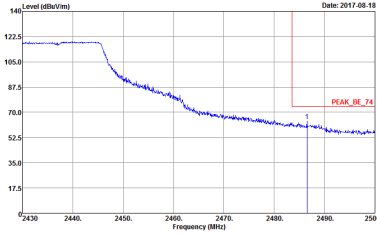
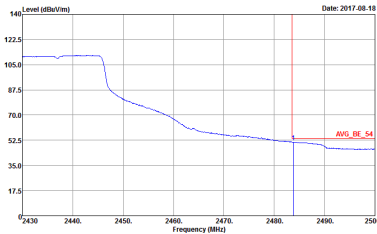
WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH01 2412MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz YBW:3000.000KHz SWT:Auto Project : Peak Mode : S81010-04 Setting : 4 Date: 2017.08.22	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz YBW:3000.000KHz SWT:Auto Project : Peak Mode : S81010-04 Setting : 4 Date: 2017.08.22
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz YBW:1.000KHz SWT:Auto Project : Peak Mode : S81010-04 Setting : 4 Date: 2017.08.22	 Site : 03CH12-HY Condition : AVG_54 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz YBW:1.000KHz SWT:Auto Project : Peak Mode : S81010-04 Setting : 4 Date: 2017.08.22

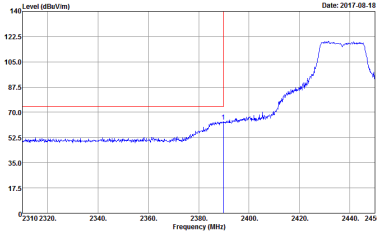
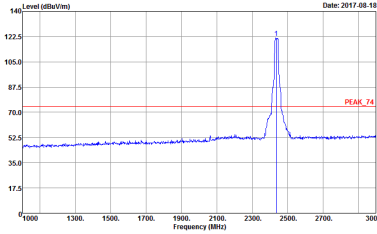
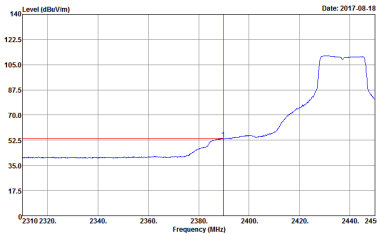
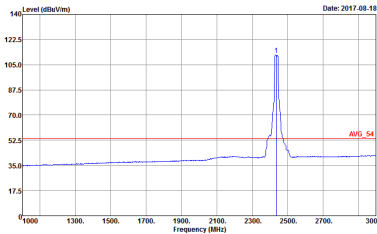
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH01 2412MHz	
1+2	Vertical	Fundamental
Peak	 Site Condition : 03CH12-HY : PEAK, RE_74 3m HORN_9120D_1338 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto : Peak : 581010-04 : 4 : 19	 Site Condition : 03CH12-HY : PEAK, 74 3m HORN_9120D_1338 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto : Peak : 581010-04 : 4 : 19
Avg.	 Site Condition : 03CH12-HY : AVG, RE_54 3m HORN_9120D_1338 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto : Peak : 581010-04 : 4 : 19	 Site Condition : 03CH12-HY : AVG, 54 3m HORN_9120D_1338 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto : Peak : 581010-04 : 4 : 19



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH06 2437MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK, RE_74 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : S81010-04 Setting : 5 Date: 2017-08-18	 Site : 03CH12-HY Condition : PEAK, 74 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : S81010-04 Setting : 5 Date: 2017-08-18
Avg.	 Site : 03CH12-HY Condition : AVG, RE_54 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : S81010-04 Setting : 5 Date: 2017-08-18	 Site : 03CH12-HY Condition : AVG, 54 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : S81010-04 Setting : 5 Date: 2017-08-18

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH06 2437MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_91200_1338 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 581010-04 Setting : 5 : 26	Left blank
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_91200_1338 HORIZONTAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : 581010-04 Setting : 5 : 26	Left blank



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH06 2437MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK, RE_74 3m HORN_9120D_1338 VERTICAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Project : Peak Mode : S81010-04 Setting : 5 : 26	 Site : 03CH12-HY Condition : PEAK, 74 3m HORN_9120D_1338 VERTICAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Project : Peak Mode : S81010-04 Setting : 5 : 26
Avg.	 Site : 03CH12-HY Condition : AVG, RE_54 3m HORN_9120D_1338 VERTICAL Detector : RBW:1000.000kHz VBW:1.000kHz SWT:Auto Project : Peak Mode : S81010-04 Setting : 5 : 26	 Site : 03CH12-HY Condition : AVG, 54 3m HORN_9120D_1338 VERTICAL Detector : RBW:1000.000kHz VBW:1.000kHz SWT:Auto Project : Peak Mode : S81010-04 Setting : 5 : 26