factor 10*log(500kHz/100kHz) = 7 dB to the measured result

7.6.4. Test Setup
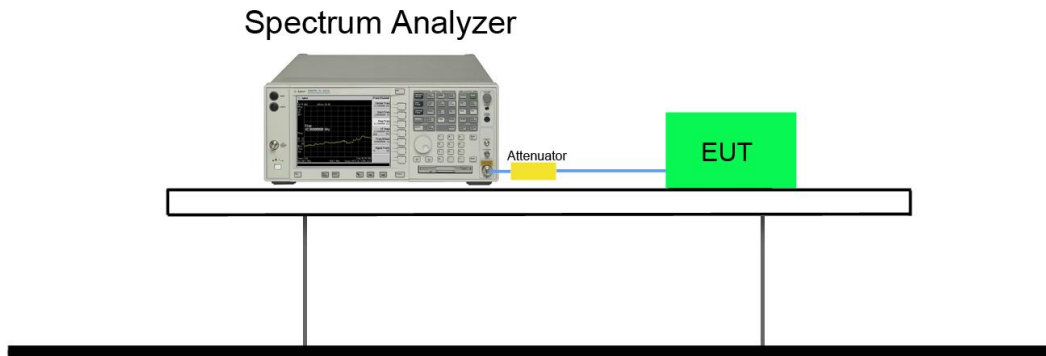
7.6.5. Test Result

Product	Mobile Computer		Temperature	24°C
Test Engineer	Polly Zong		Relative Humidity	52%
Test Site	TR3		Test Date	2017/05/27

Test Mode	Data Rate (Mbps)	Channel No.	Freq. (MHz)	PSD (dBm/ MHz)	Duty Cycle (%)	Total PSD (dBm/ MHz)	PSD Limit (dBm/MHz)	Result
11a	54Mbps	36	5180	-2.57	90.18	-2.12	≤ 11.00	Pass
11a	54Mbps	44	5220	-1.63	90.18	-1.18	≤ 11.00	Pass
11a	54Mbps	48	5240	-1.66	90.18	-1.21	≤ 11.00	Pass
11a	54Mbps	52	5260	-0.85	90.18	-0.40	≤ 11.00	Pass
11a	54Mbps	60	5300	-0.95	90.18	-0.50	≤ 11.00	Pass
11a	54Mbps	64	5320	-1.09	90.18	-0.64	≤ 11.00	Pass
11a	54Mbps	100	5500	-0.17	90.18	0.28	≤ 11.00	Pass
11a	54Mbps	120	5600	-0.81	90.18	-0.36	≤ 11.00	Pass
11a	54Mbps	140	5700	-3.25	90.18	-2.80	≤ 11.00	Pass
11a	54Mbps	144	5720	-0.27	90.18	0.18	≤ 11.00	Pass
11n-HT20	MCS7	36	5180	-2.37	89.52	-1.89	≤ 11.00	Pass
11n-HT20	MCS7	44	5220	-1.24	89.52	-0.76	≤ 11.00	Pass
11n-HT20	MCS7	48	5240	-1.72	89.52	-1.24	≤ 11.00	Pass
11n-HT20	MCS7	52	5260	-1.35	89.52	-0.87	≤ 11.00	Pass
11n-HT20	MCS7	60	5300	-1.24	89.52	-0.76	≤ 11.00	Pass
11n-HT20	MCS7	64	5320	-1.36	89.52	-0.88	≤ 11.00	Pass
11n-HT20	MCS7	100	5500	-0.31	89.52	0.17	≤ 11.00	Pass
11n-HT20	MCS7	120	5600	-0.18	89.52	0.30	≤ 11.00	Pass
11n-HT20	MCS7	140	5700	-3.61	89.52	-3.13	≤ 11.00	Pass
11n-HT20	MCS7	144	5720	-0.44	89.52	0.04	≤ 11.00	Pass
11n-HT40	MCS7	38	5190	-5.40	83.16	-4.60	≤ 11.00	Pass
11n-HT40	MCS7	46	5230	-4.85	83.16	-4.05	≤ 11.00	Pass
11n-HT40	MCS7	54	5270	-4.75	83.16	-3.95	≤ 11.00	Pass
11n-HT40	MCS7	62	5310	-5.23	83.16	-4.43	≤ 11.00	Pass
11n-HT40	MCS7	102	5510	-5.67	83.16	-4.87	≤ 11.00	Pass
11n-HT40	MCS7	118	5590	-3.38	83.16	-2.58	≤ 11.00	Pass
11n-HT40	MCS7	134	5670	-5.35	83.16	-4.55	≤ 11.00	Pass
11n-HT40	MCS7	142	5710	-3.66	83.16	-2.86	≤ 11.00	Pass

Note 1: When EUT duty cycle ≥ 98%, the Total PSD (dBm/MHz) = Ant 1 PSD (dBm/ MHz)

Note 2: When EUT duty cycle < 98%, the Total PSD (dBm/MHz) = Ant 1 PSD (dBm/ MHz) + 10*log(1/Duty Cycle).

Test Mode	Data Rate (Mbps)	Channel No.	Freq. (MHz)	PSD (dBm/ MHz)	Duty Cycle (%)	Constant Factor (dB)	Total PSD (dBm/ 500kHz)	Limit (dBm/ 500kHz)	Result
11a	54Mbps	149	5745	-9.26	90.18	6.99	-1.82	≤ 30.00	Pass
11a	54Mbps	157	5785	-9.12	90.18	6.99	-1.68	≤ 30.00	Pass
11a	54Mbps	165	5825	-9.38	90.18	6.99	-1.94	≤ 30.00	Pass
11n-HT20	MCS7	149	5745	-8.84	89.52	6.99	-1.37	≤ 30.00	Pass
11n-HT20	MCS7	157	5785	-8.55	89.52	6.99	-1.08	≤ 30.00	Pass
11n-HT20	MCS7	165	5825	-8.69	89.52	6.99	-1.22	≤ 30.00	Pass
11n-HT40	MCS7	151	5755	-11.11	83.16	6.99	-3.32	≤ 30.00	Pass
11n-HT40	MCS7	159	5795	-10.90	83.16	6.99	-3.11	≤ 30.00	Pass

Note 1: When EUT duty cycle ≥ 98%, the Total PSD (dBm/MHz) = Ant 0 PSD (dBm/ MHz) + Constant Factor (dB)
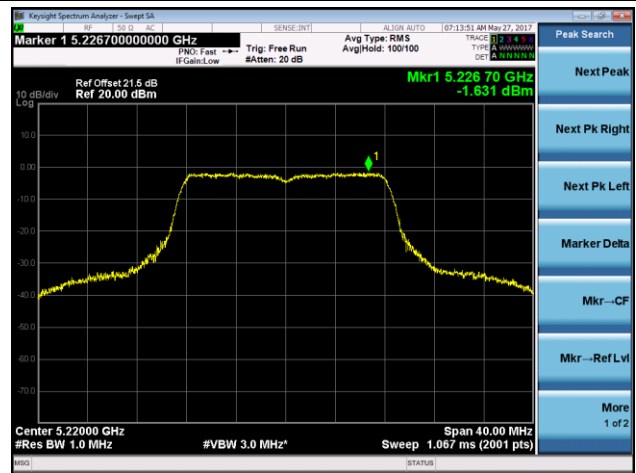
Note 2: When EUT duty cycle < 98%, the Total PSD (dBm/MHz) = Ant 0 PSD (dBm/ MHz) + 10*log(1/Duty Cycle) + Constant Factor (dB).
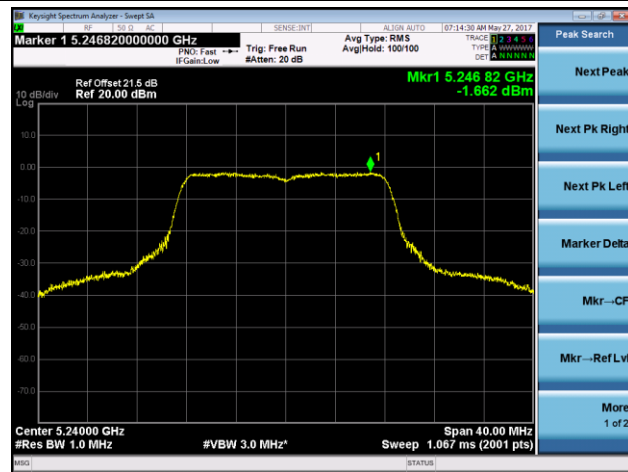
802.11a Power Spectral Density
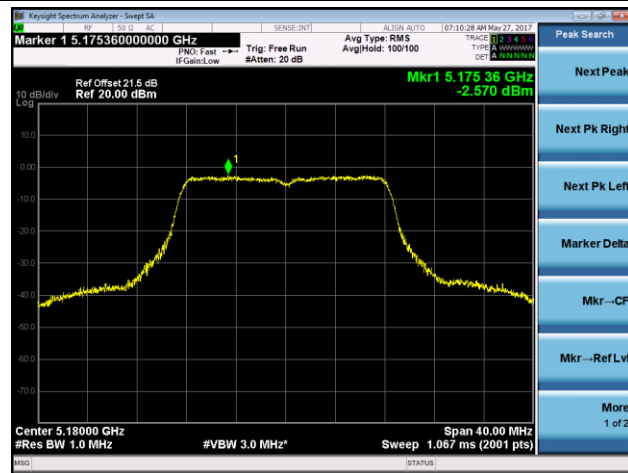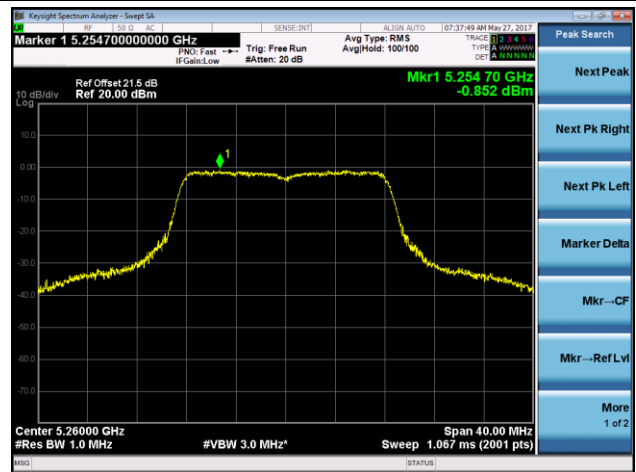
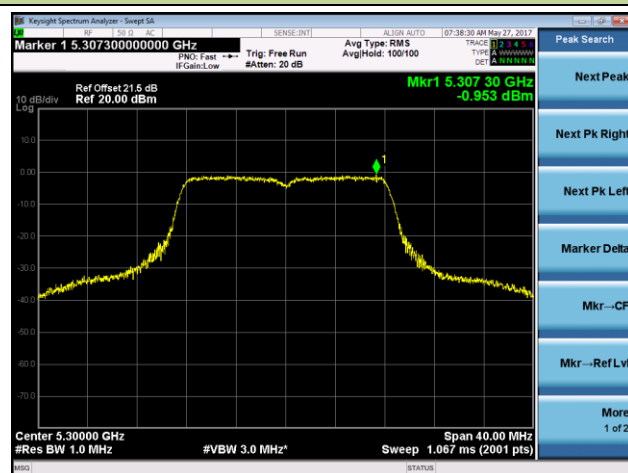### Channel 36 (5180MHz)

Channel 44 (5220MHz)

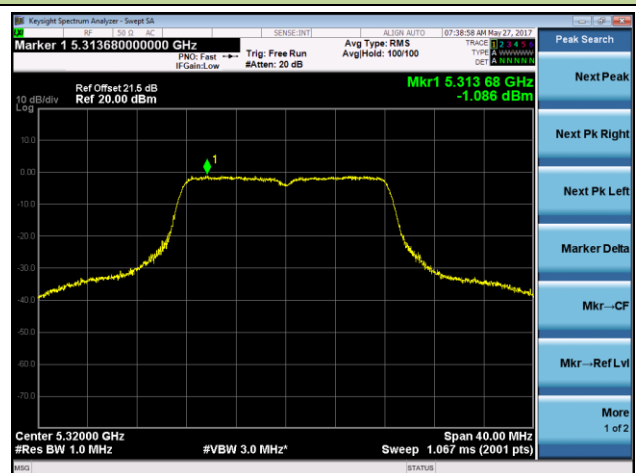### Channel 48 (5240MHz)

Channel 52 (5260MHz)

Channel 60 (5300MHz)

Channel 64 (5320MHz)

802.11a Power Spectral Density

Channel 100 (5500MHz)

Channel 120 (5600MHz)

Channel 140 (5700MHz)
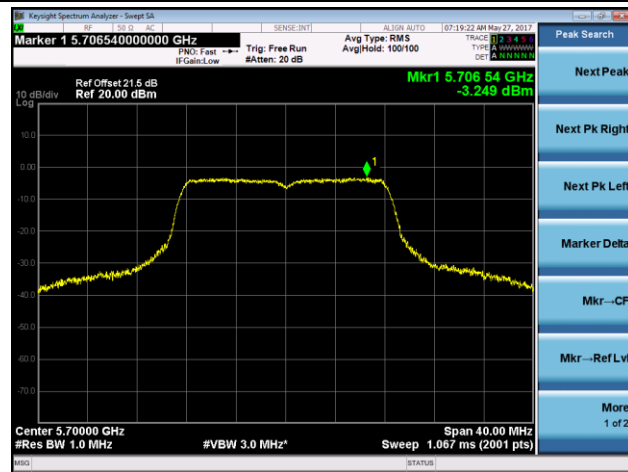
Channel 144 (5720MHz)
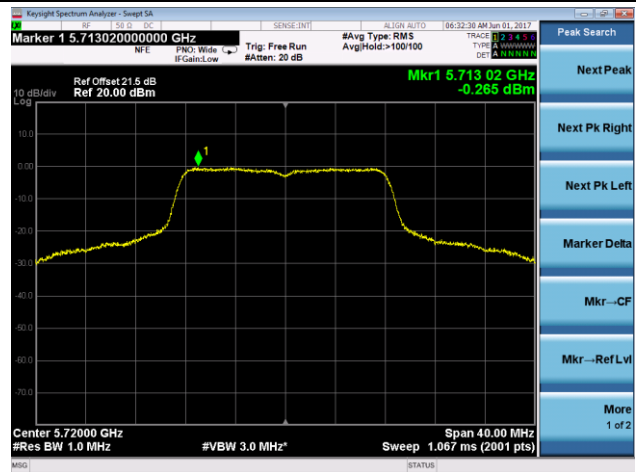
Channel 149 (5745MHz)
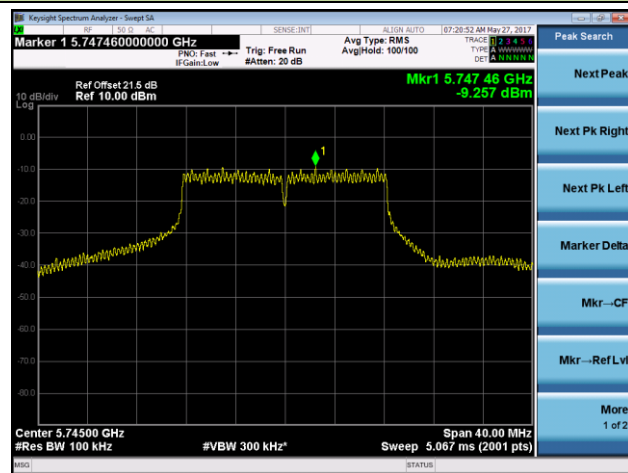
Channel 157 (5785MHz)
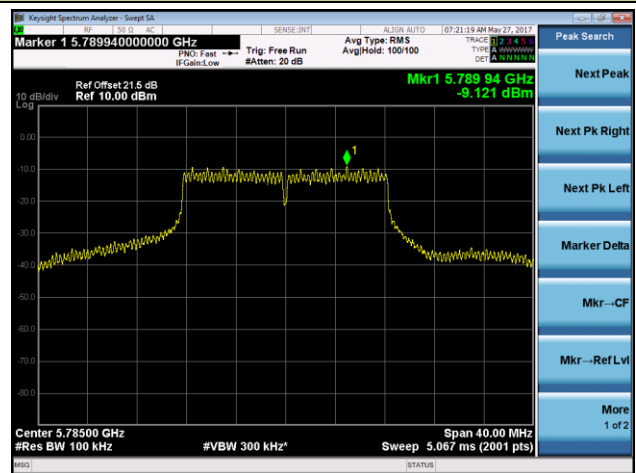
802.11a Power Spectral Density	
Channel 165 (5825MHz)	
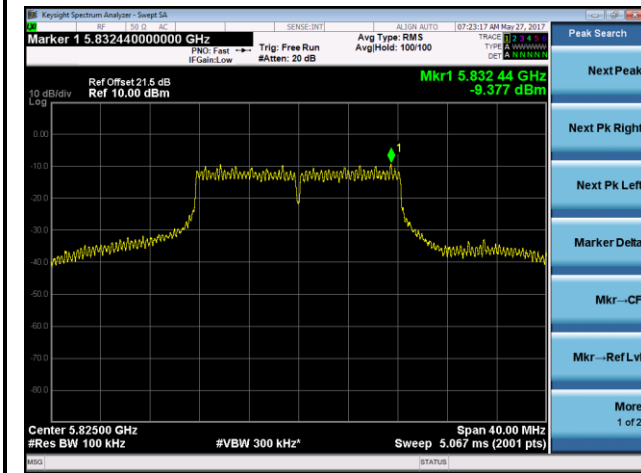
802.11n-HT20 Power Spectral Density
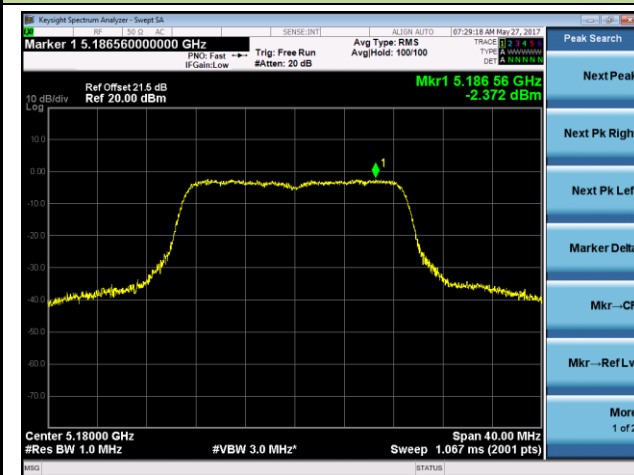
Channel 36 (5180MHz)

Channel 44 (5220MHz)
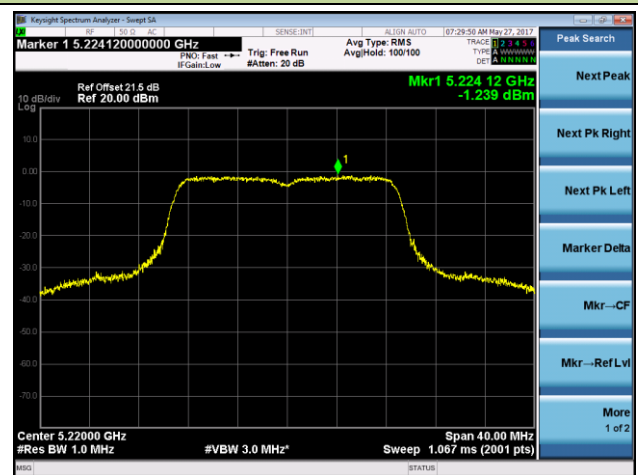
Channel 48 (5240MHz)
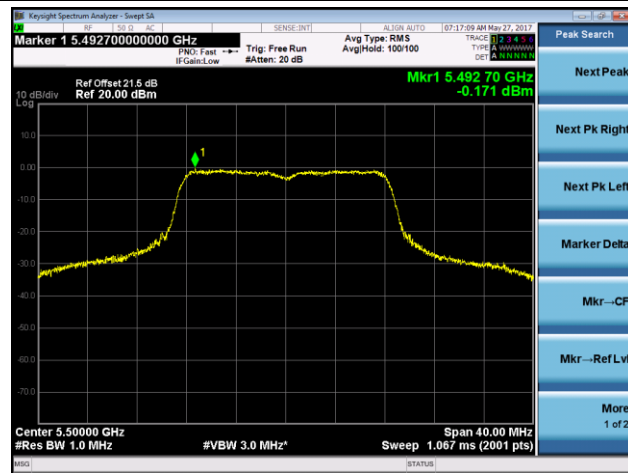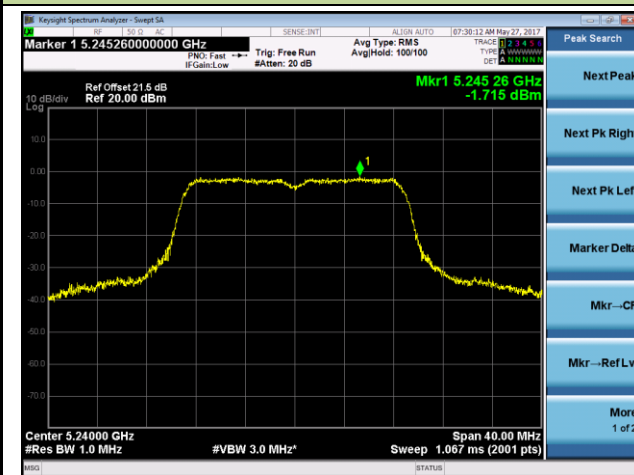

Channel 52 (5260MHz)
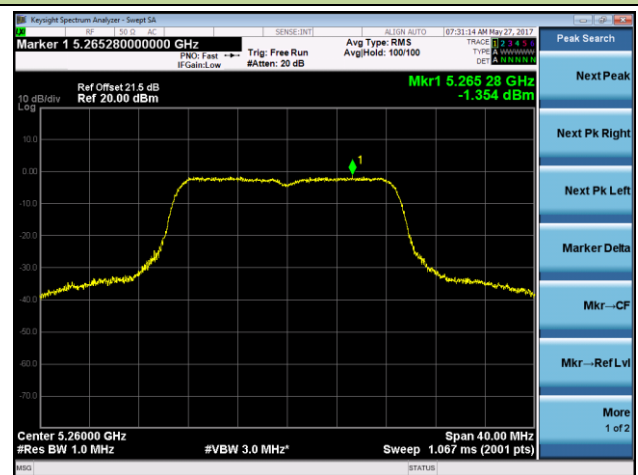
Channel 60 (5300MHz)
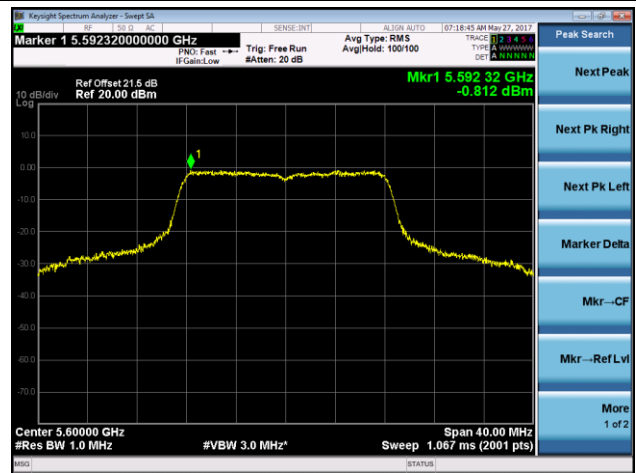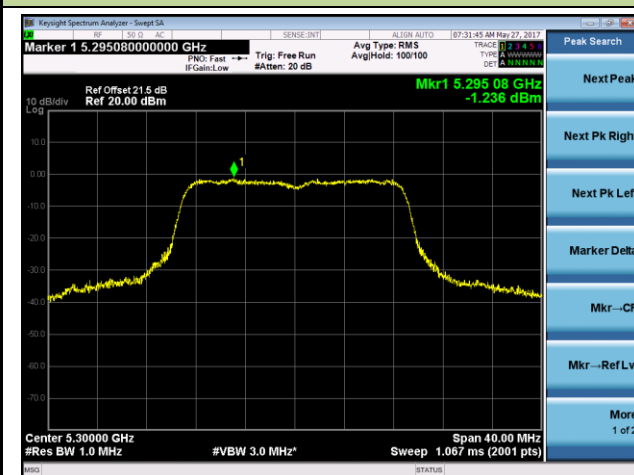

Channel 64 (5320MHz)
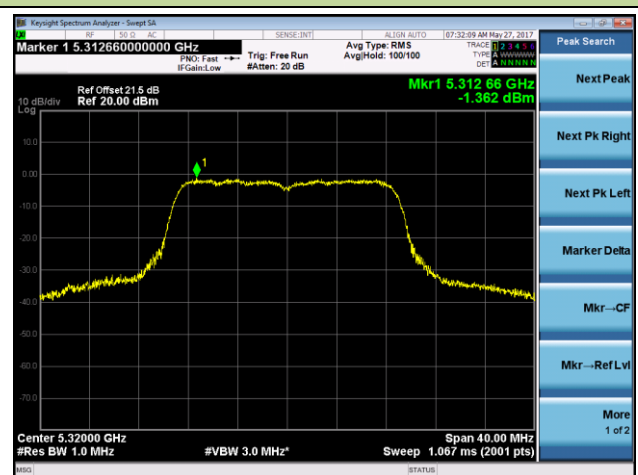
802.11n-HT20 Power Spectral Density
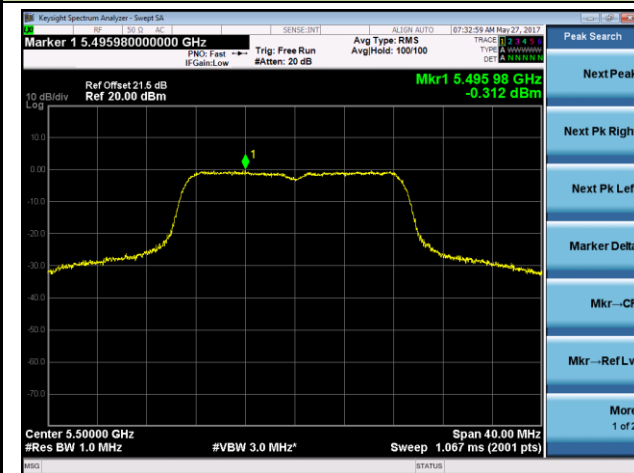
Channel 100 (5500MHz)	Channel 120 (5600MHz)
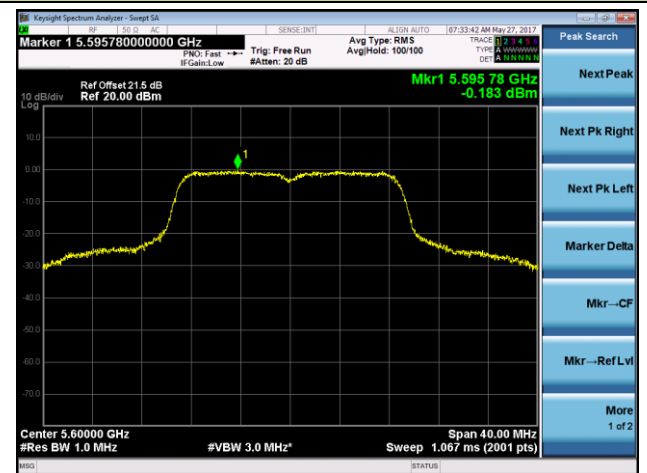
Channel 140 (5700MHz)	Channel 144 (5720MHz)
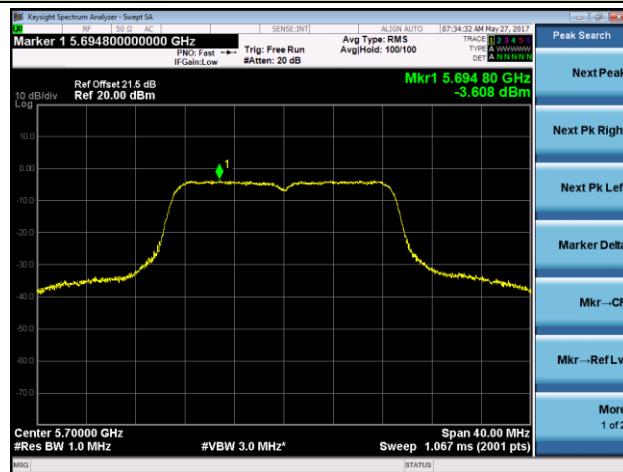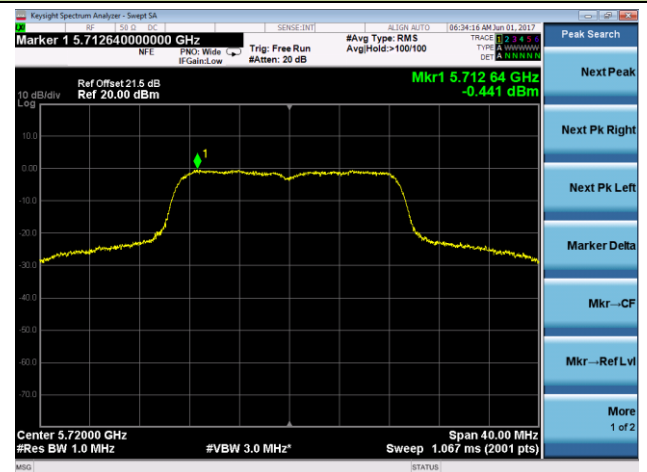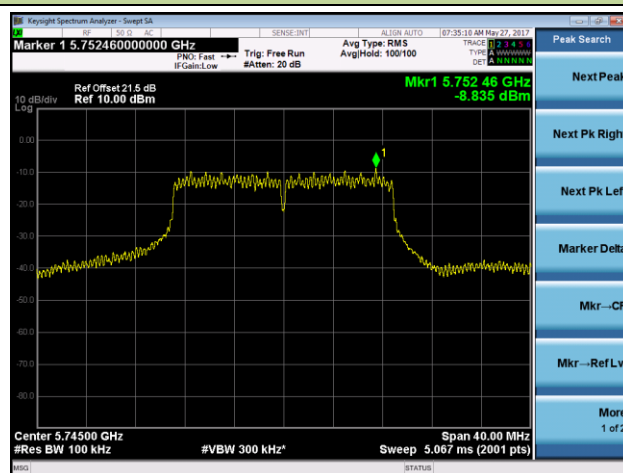
Channel 149 (5745MHz)	Channel 157 (5785MHz)
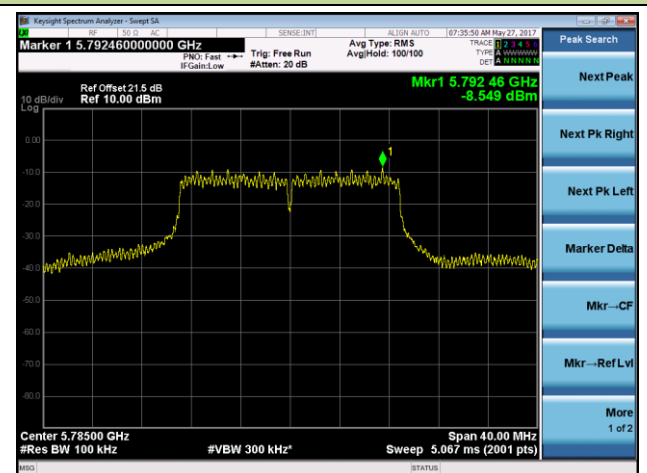
802.11n-HT20 Power Spectral Density	
Channel 165 (5825MHz)	
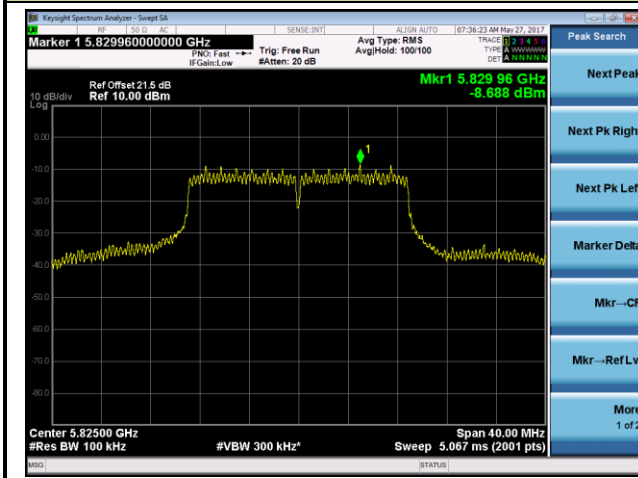
802.11n-HT40 Power Spectral Density

Channel 38 (5190MHz)
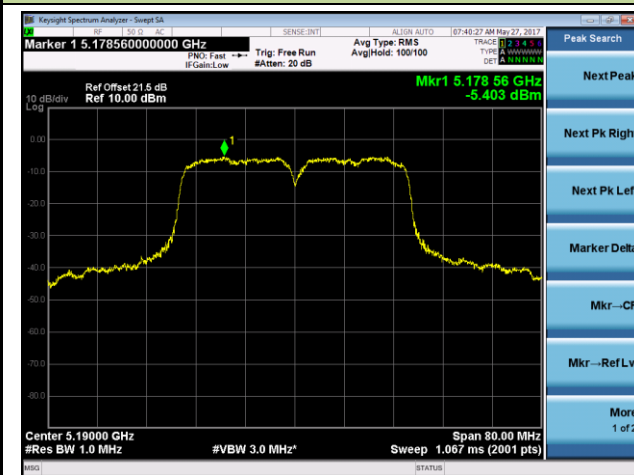
Channel 46 (5230MHz)
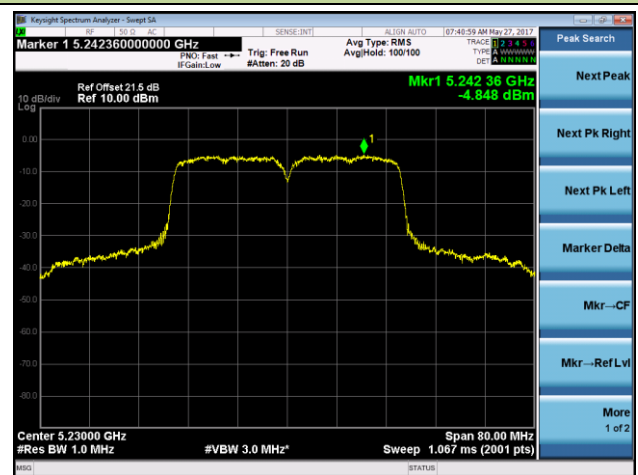
Channel 54 (5270MHz)
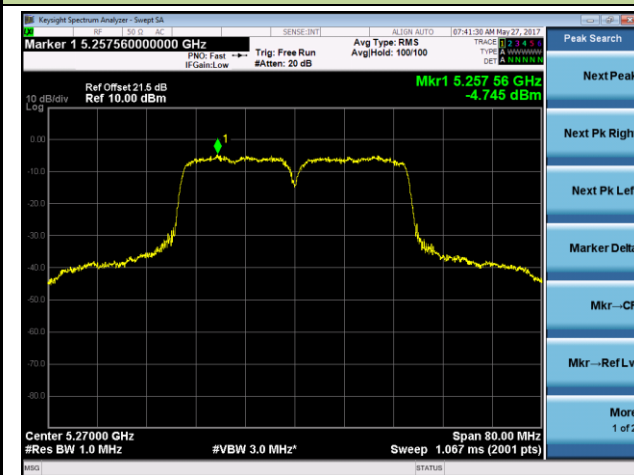
Channel 62 (5310MHz)
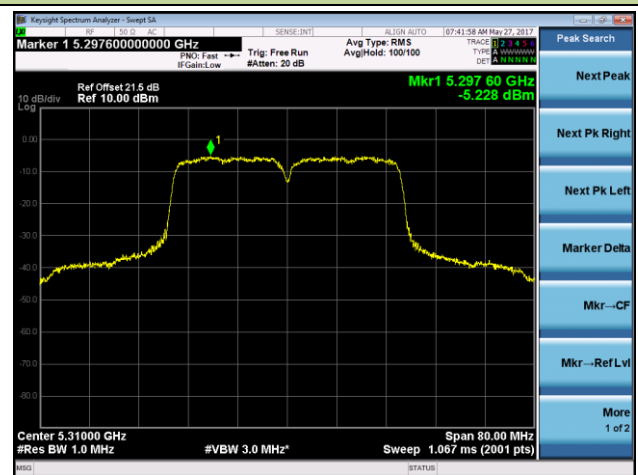
Channel 102 (5510MHz)
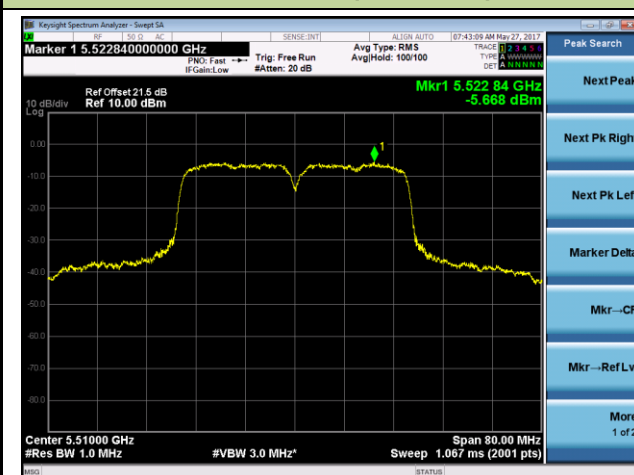
Channel 118 (5590MHz)
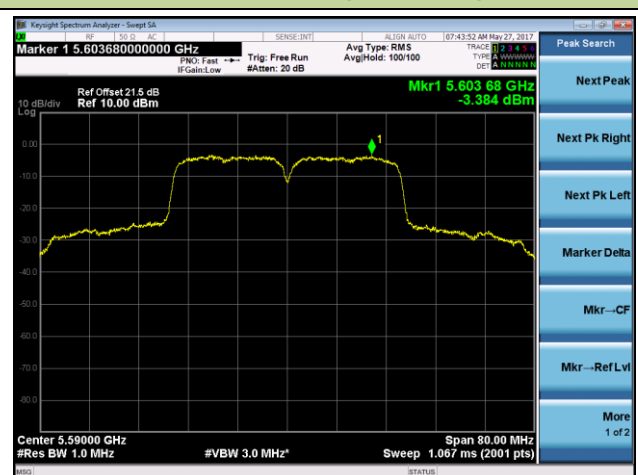
802.11n-HT40 Power Spectral Density

Channel 134 (5670MHz)
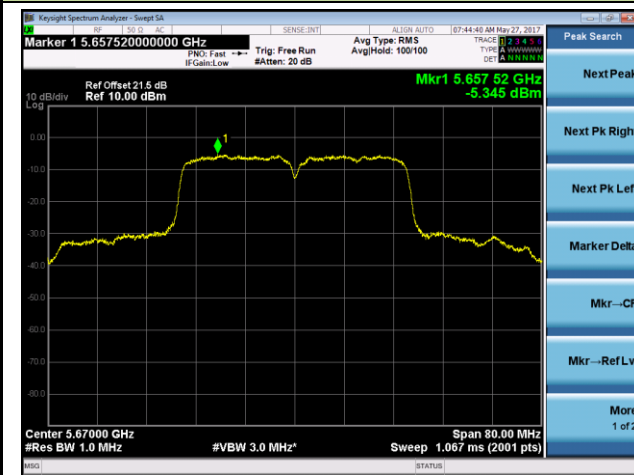
Channel 142 (5710MHz)

Channel 151 (5755MHz)
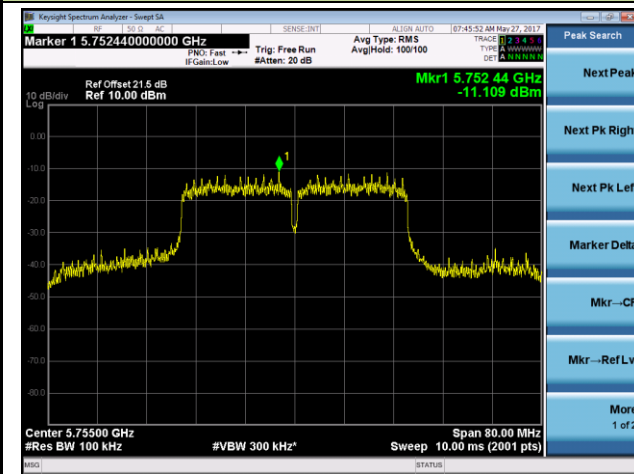
Channel 159 (5795MHz)
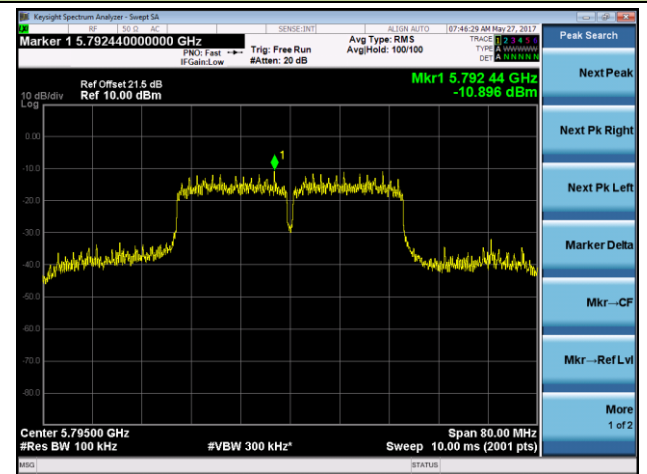
7.7. Frequency Stability Measurement

7.7.1. Test Limit

Manufactures of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.

7.7.2. Test Procedure Used

Frequency Stability Under Temperature Variations:

The equipment under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and measure EUT 20°C operating frequency as reference frequency. Turn EUT off and set the chamber temperature to highest. After the temperature stabilized for approximately 30 minutes recorded the frequency. Repeat step measure with 10°C decreased per stage until the lowest temperature reached.

Frequency Stability Under Voltage Variations:

Set chamber temperature to 20°C. Use a variable AC power supply / DC power source to power the EUT and set the voltage to rated voltage. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and recorded the frequency.

Reduce the input voltage to specify extreme voltage variation (±15%) and endpoint, record the maximum frequency change.

7.7.3. Test Setup
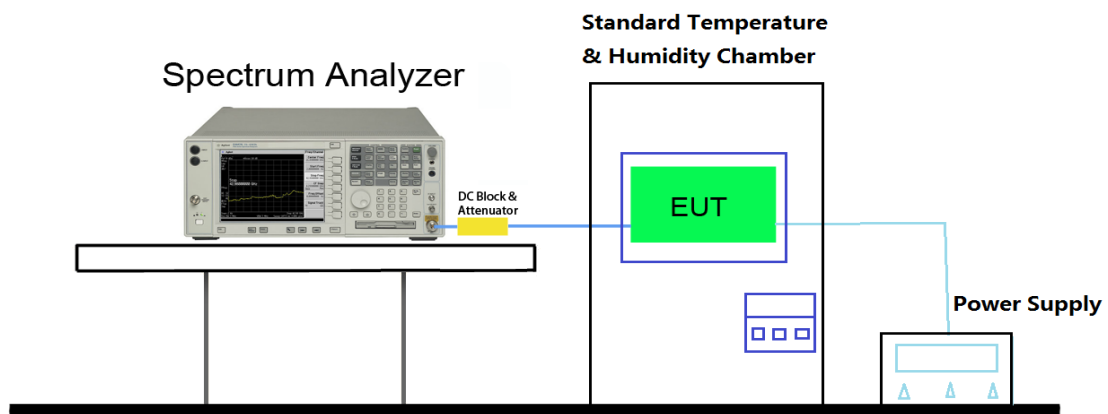
7.7.4. Test Result

Test Engineer	Milo Li	Temperature	-30 ~ 50°C
Test Time	2017/06/01	Relative Humidity	48 ~ 55%RH
Test Mode	5180MHz (Carrier Mode)	Test Site	TR3

Voltage	Power	Temp	Frequency Tolerance (ppm)			
(%)	(VAC)	(°C)	0 minutes	2 minutes	5 minutes	10 minutes
100%	120	- 30	-8.36	-8.06	-7.74	-7.13
		- 20	-8.56	-8.33	-8.00	-7.49
		- 10	-8.83	-8.84	-8.63	-8.17
		0	-9.07	-8.86	-8.30	-8.02
		+ 10	-9.33	-8.93	-8.63	-8.45
		+ 20 (Ref)	-9.67	-9.84	-10.10	-10.11
		+ 30	-9.96	-9.28	-9.09	-8.67
		+ 40	-9.96	-9.83	-9.01	-8.97
		+ 50	-9.75	-9.66	-8.73	-8.87
115%	138	+ 20	-9.45	-9.78	-10.02	-10.18
85%	102	+ 20	-9.52	-9.67	-10.14	-10.23

Note: Frequency Tolerance (ppm) = {[Measured Frequency (Hz) - Declared Frequency (Hz)] / Declared Frequency (Hz)} $*10^6$.

7.8. Radiated Spurious Emission Measurement

7.8.1. Test Limit

All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47 CFR must not exceed the limits shown in Table per Section 15.209.

FCC Part 15 Subpart C Paragraph 15.209		
Frequency [MHz]	Field Strength [uV/m]	Measured Distance [Meters]
0.009 - 0.490	2400/F (kHz)	300
0.490 - 1.705	24000/F (kHz)	30
1.705 - 30	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

7.8.2. Test Procedure Used

KDB 789033 D02v01r04 - Section G

7.8.3. Test Setting

Peak Measurements above 1GHz

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest

2. RBW = 1MHz

3. VBW = 3MHz

4. Detector = peak

5. Sweep time = auto couple

6. Trace mode = max hold

7. Trace was allowed to stabilize

Quasi-Peak Measurements below 1GHz

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest

2. Span was set greater than 1MHz

3. RBW = 120 kHz

4. Detector = CISPR quasi-peak

5. Sweep time = auto couple

6. Trace was allowed to stabilize

Average Measurements above 1GHz (Method AD)

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest

2. RBW = 1MHz

3. VBW = 3MHz

4. Detector = power average (Average)

5. Number of measurement points = 1001 (Number of points must be > 2 x span/RBW)

6. Sweep time = auto

7. Trace was averaged over at 100 sweeps

7.8.4. Test Setup

9kHz ~ 30MHz Test Setup:
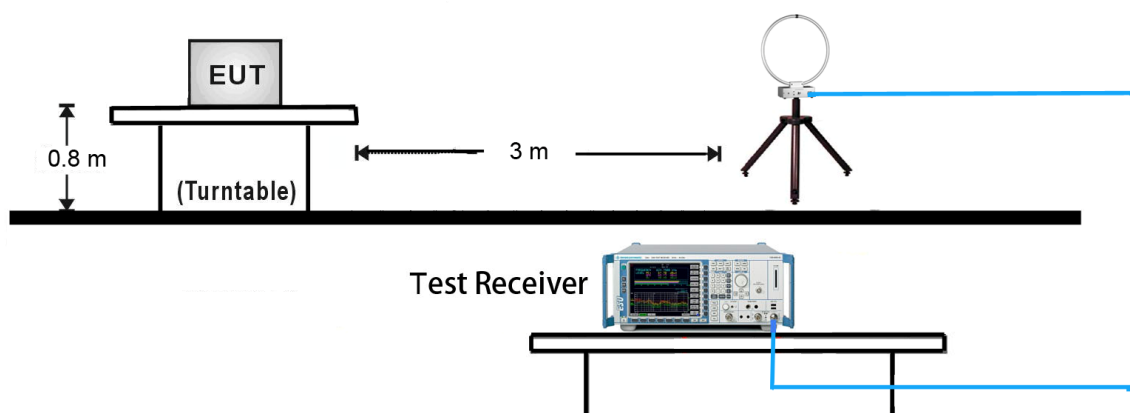
30MHz ~ 1GHz Test Setup:
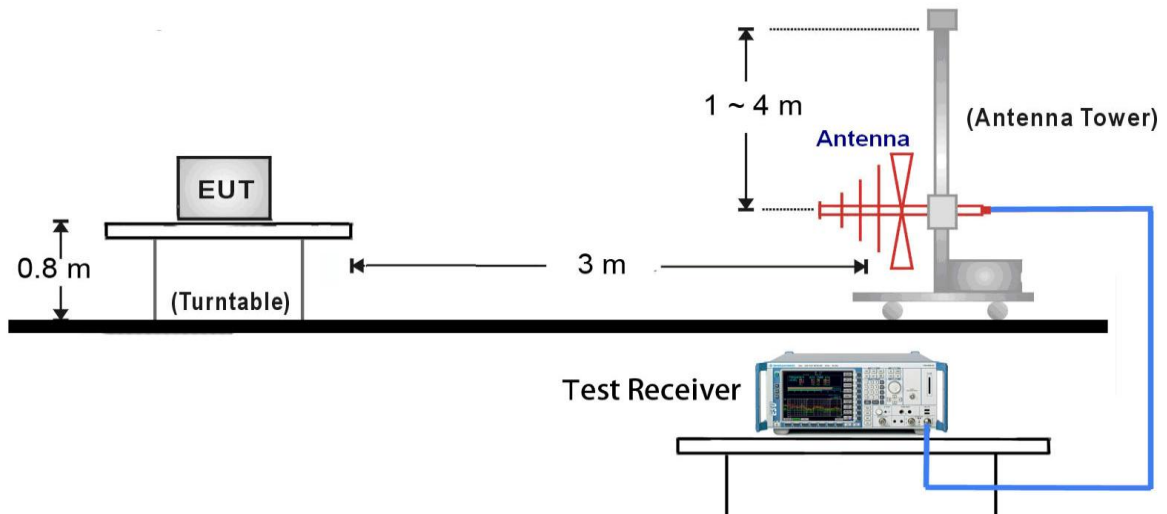
1GHz ~18GHz Test Setup:
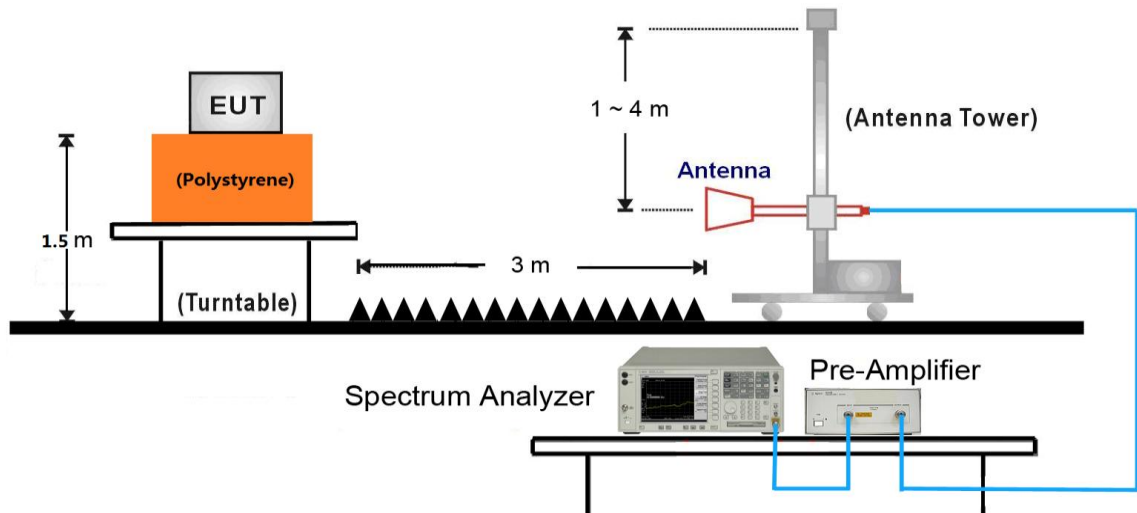
18GHz ~40GHz Test Setup:
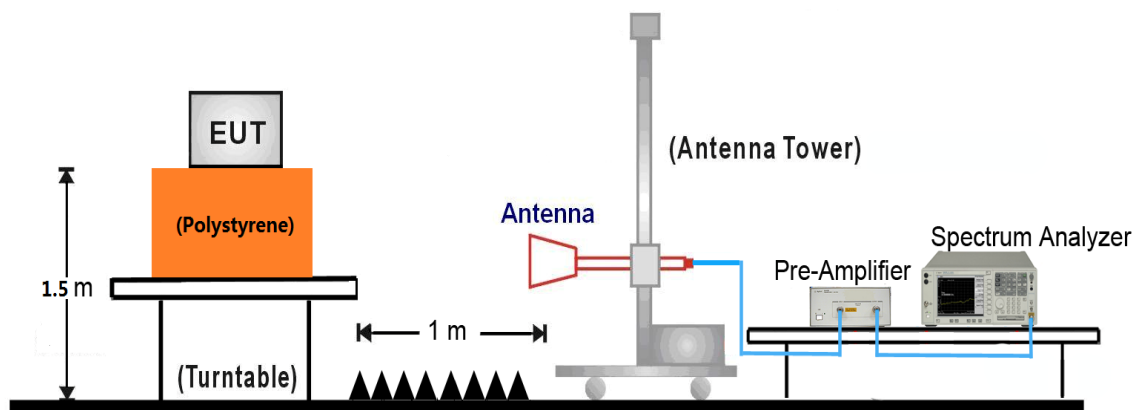
7.8.5. Test Result

Test Mode:	802.11a	Test Site:	AC2
Test Channel:	36	Test Engineer:	Bruce Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	7953.0	31.5	10.7	42.2	68.2	-26.0	Peak	Horizontal
*	8811.5	30.2	11.7	41.9	68.2	-26.3	Peak	Horizontal
	9338.5	31.6	12.6	44.2	74.0	-29.8	Peak	Horizontal
	11276.5	30.1	16.8	46.9	74.0	-27.1	Peak	Horizontal
*	7876.5	32.6	10.5	43.1	68.2	-25.1	Peak	Vertical
*	8930.5	31.3	11.7	43.0	68.2	-25.2	Peak	Vertical
	9466.0	31.0	12.5	43.5	74.0	-30.5	Peak	Vertical
	10928.0	30.0	16.4	46.4	74.0	-27.6	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBµV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11a	Test Site:	AC2
Test Channel:	44	Test Engineer:	Bruce Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	7842.5	32.1	10.3	42.4	68.2	-25.8	Peak	Horizontal
*	8539.5	31.9	11.0	42.9	68.2	-25.3	Peak	Horizontal
	9338.5	31.1	12.6	43.7	74.0	-30.3	Peak	Horizontal
	11021.5	31.0	16.5	47.5	74.0	-26.5	Peak	Horizontal
*	7876.5	31.4	10.5	41.9	68.2	-26.3	Peak	Vertical
*	8692.5	32.1	11.3	43.4	68.2	-24.8	Peak	Vertical
	9381.0	31.6	12.5	44.1	74.0	-29.9	Peak	Vertical
	11123.5	30.3	16.6	46.9	74.0	-27.1	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBµV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11a	Test Site:	AC2
Test Channel:	48	Test Engineer:	Bruce Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	7987.0	32.0	10.7	42.7	68.2	-25.5	Peak	Horizontal
*	8811.5	30.2	11.7	41.9	68.2	-26.3	Peak	Horizontal
	9338.5	31.5	12.6	44.1	74.0	-29.9	Peak	Horizontal
	11123.5	29.8	16.6	46.4	74.0	-27.6	Peak	Horizontal
*	7910.5	32.6	10.6	43.2	68.2	-25.0	Peak	Vertical
*	8658.5	32.2	11.1	43.3	68.2	-24.9	Peak	Vertical
	9423.5	31.0	12.4	43.4	74.0	-30.6	Peak	Vertical
	11021.5	30.3	16.5	46.8	74.0	-27.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBµV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11a	Test Site:	AC2
Test Channel:	52	Test Engineer:	Bruce Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7876.5	32.1	10.5	42.6	68.2	-25.6	Peak	Horizontal
*	8616.0	32.4	11.2	43.6	68.2	-24.6	Peak	Horizontal
	9423.5	31.5	12.4	43.9	74.0	-30.1	Peak	Horizontal
	10681.5	31.3	15.6	46.9	74.0	-27.1	Peak	Horizontal
*	7842.5	31.9	10.3	42.2	68.2	-26.0	Peak	Vertical
*	8539.5	30.8	11.0	41.8	68.2	-26.4	Peak	Vertical
	9381.0	31.9	12.5	44.4	74.0	-29.6	Peak	Vertical
	10928.0	30.4	16.4	46.8	74.0	-27.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11a	Test Site:	AC2
Test Channel:	60	Test Engineer:	Bruce Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7876.5	33.5	10.5	44.0	68.2	-24.2	Peak	Horizontal
*	8616.0	31.1	11.2	42.3	68.2	-25.9	Peak	Horizontal
	9381.0	31.5	12.5	44.0	74.0	-30.0	Peak	Horizontal
	10639.0	31.1	15.6	46.7	74.0	-27.3	Peak	Horizontal
*	7953.0	32.7	10.7	43.4	68.2	-24.8	Peak	Vertical
*	8692.5	33.1	11.3	44.4	68.2	-23.8	Peak	Vertical
	9338.5	30.7	12.6	43.3	74.0	-30.7	Peak	Vertical
	10877.0	30.5	16.3	46.8	74.0	-27.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11a	Test Site:	AC2
Test Channel:	64	Test Engineer:	Bruce Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7808.5	32.6	10.4	43.0	68.2	-25.2	Peak	Horizontal
*	8658.5	32.2	11.1	43.3	68.2	-24.9	Peak	Horizontal
	9381.0	31.8	12.5	44.3	74.0	-29.7	Peak	Horizontal
	11174.5	30.4	16.8	47.2	74.0	-26.8	Peak	Horizontal
*	7808.5	32.1	10.4	42.5	68.2	-25.7	Peak	Vertical
*	8582.0	31.7	11.0	42.7	68.2	-25.5	Peak	Vertical
	9381.0	31.6	12.5	44.1	74.0	-29.9	Peak	Vertical
	10826.0	31.2	16.3	47.5	74.0	-26.5	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11a	Test Site:	AC2
Test Channel:	100	Test Engineer:	Bruce Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7842.5	31.2	10.3	41.5	68.2	-26.7	Peak	Horizontal
*	8616.0	31.1	11.2	42.3	68.2	-25.9	Peak	Horizontal
	9466.0	31.6	12.5	44.1	74.0	-29.9	Peak	Horizontal
	10681.5	32.1	15.6	47.7	74.0	-26.3	Peak	Horizontal
*	7876.5	31.7	10.5	42.2	68.2	-26.0	Peak	Vertical
*	8888.0	31.5	11.4	42.9	68.2	-25.3	Peak	Vertical
	9466.0	31.5	12.5	44.0	74.0	-30.0	Peak	Vertical
	10681.5	31.8	15.6	47.4	74.0	-26.6	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11a	Test Site:	AC2
Test Channel:	120	Test Engineer:	Bruce Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	7876.5	31.3	10.5	41.8	68.2	-26.4	Peak	Horizontal
*	8692.5	31.2	11.3	42.5	68.2	-25.7	Peak	Horizontal
	9338.5	31.3	12.6	43.9	74.0	-30.1	Peak	Horizontal
	10928.0	31.1	16.4	47.5	74.0	-26.5	Peak	Horizontal
*	7842.5	33.0	10.3	43.3	68.2	-24.9	Peak	Vertical
*	8658.5	31.2	11.1	42.3	68.2	-25.9	Peak	Vertical
	9338.5	30.9	12.6	43.5	74.0	-30.5	Peak	Vertical
	11021.5	30.4	16.5	46.9	74.0	-27.1	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBµV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11a	Test Site:	AC2
Test Channel:	140	Test Engineer:	Bruce Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	7842.5	32.0	10.3	42.3	68.2	-25.9	Peak	Horizontal
*	8735.0	31.9	11.6	43.5	68.2	-24.7	Peak	Horizontal
	9466.0	31.6	12.5	44.1	74.0	-29.9	Peak	Horizontal
	11021.5	30.5	16.5	47.0	74.0	-27.0	Peak	Horizontal
*	7842.5	31.1	10.3	41.4	68.2	-26.8	Peak	Vertical
*	8616.0	30.9	11.2	42.1	68.2	-26.1	Peak	Vertical
	9423.5	32.0	12.4	44.4	74.0	-29.6	Peak	Vertical
	11021.5	31.0	16.5	47.5	74.0	-26.5	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBµV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11a	Test Site:	AC2
Test Channel:	144	Test Engineer:	Bruce Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7111.5	33.2	10.1	43.3	68.2	-24.9	Peak	Horizontal
*	10222.5	33.1	14.3	47.4	68.2	-20.8	Peak	Horizontal
	10962.0	32.6	16.5	49.1	74.0	-24.9	Peak	Horizontal
	11506.0	31.8	17.5	49.3	74.0	-24.7	Peak	Horizontal
*	7179.5	33.0	10.6	43.6	68.2	-24.6	Peak	Vertical
*	9568.0	33.2	13.0	46.2	68.2	-22.0	Peak	Vertical
	10970.5	31.5	16.5	48.0	74.0	-26.0	Peak	Vertical
	11608.0	32.1	17.4	49.5	74.0	-24.5	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.
Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)
Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11a	Test Site:	AC2
Test Channel:	149	Test Engineer:	Bruce Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7910.5	31.4	10.6	42.0	68.2	-26.2	Peak	Horizontal
*	8692.5	31.4	11.3	42.7	68.2	-25.5	Peak	Horizontal
	9423.5	31.3	12.4	43.7	74.0	-30.3	Peak	Horizontal
	11123.5	30.4	16.6	47.0	74.0	-27.0	Peak	Horizontal
*	7910.5	31.6	10.6	42.2	68.2	-26.0	Peak	Vertical
*	8735.0	30.4	11.6	42.0	68.2	-26.2	Peak	Vertical
	9423.5	31.5	12.4	43.9	74.0	-30.1	Peak	Vertical
	11174.5	28.9	16.8	45.7	74.0	-28.3	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11a	Test Site:	AC2
Test Channel:	157	Test Engineer:	Bruce Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	7808.5	31.4	10.4	41.8	68.2	-26.4	Peak	Horizontal
*	8692.5	31.1	11.3	42.4	68.2	-25.8	Peak	Horizontal
	9466.0	31.7	12.5	44.2	74.0	-29.8	Peak	Horizontal
	10877.0	30.3	16.3	46.6	74.0	-27.4	Peak	Horizontal
*	7808.5	31.6	10.4	42.0	68.2	-26.2	Peak	Vertical
*	8616.0	32.1	11.2	43.3	68.2	-24.9	Peak	Vertical
	9466.0	31.2	12.5	43.7	74.0	-30.3	Peak	Vertical
	11021.5	30.5	16.5	47.0	74.0	-27.0	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBµV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11a	Test Site:	AC2
Test Channel:	165	Test Engineer:	Bruce Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit.		
	2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7876.5	32.2	10.5	42.7	68.2	-25.5	Peak	Horizontal
*	8692.5	31.9	11.3	43.2	68.2	-25.0	Peak	Horizontal
	9466.0	31.1	12.5	43.6	74.0	-30.4	Peak	Horizontal
	10826.0	30.8	16.3	47.1	74.0	-26.9	Peak	Horizontal
*	7808.5	31.6	10.4	42.0	68.2	-26.2	Peak	Vertical
*	8735.0	30.5	11.6	42.1	68.2	-26.1	Peak	Vertical
	9338.5	30.9	12.6	43.5	74.0	-30.5	Peak	Vertical
	10826.0	30.2	16.3	46.5	74.0	-27.5	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20	Test Site:	AC2
Test Channel:	36	Test Engineer:	Bruce Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	7910.5	31.5	10.6	42.1	68.2	-26.1	Peak	Horizontal
*	8769.0	32.3	11.8	44.1	68.2	-24.1	Peak	Horizontal
	9338.5	31.5	12.6	44.1	74.0	-29.9	Peak	Horizontal
	10826.0	30.5	16.3	46.8	74.0	-27.2	Peak	Horizontal
*	7987.0	31.6	10.7	42.3	68.2	-25.9	Peak	Vertical
*	8735.0	31.0	11.6	42.6	68.2	-25.6	Peak	Vertical
	9423.5	30.2	12.4	42.6	74.0	-31.4	Peak	Vertical
	10877.0	29.6	16.3	45.9	74.0	-28.1	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBµV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20	Test Site:	AC2
Test Channel:	44	Test Engineer:	Bruce Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	7910.5	31.7	10.6	42.3	68.2	-25.9	Peak	Horizontal
*	8769.0	31.0	11.8	42.8	68.2	-25.4	Peak	Horizontal
	9440.5	30.0	12.4	42.4	74.0	-31.6	Peak	Horizontal
	10834.5	29.6	16.1	45.7	74.0	-28.3	Peak	Horizontal
*	7910.5	31.6	10.6	42.2	68.2	-26.0	Peak	Vertical
*	8692.5	32.0	11.3	43.3	68.2	-24.9	Peak	Vertical
	9015.5	31.9	11.5	43.4	74.0	-30.6	Peak	Vertical
	10826.0	30.1	16.3	46.4	74.0	-27.6	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBµV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20	Test Site:	AC2
Test Channel:	48	Test Engineer:	Bruce Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7842.5	31.5	10.3	41.8	68.2	-26.4	Peak	Horizontal
*	8769.0	31.1	11.8	42.9	68.2	-25.3	Peak	Horizontal
	9423.5	31.3	12.4	43.7	74.0	-30.3	Peak	Horizontal
	10928.0	30.2	16.4	46.6	74.0	-27.4	Peak	Horizontal
*	7842.5	32.1	10.3	42.4	68.2	-25.8	Peak	Vertical
*	8735.0	31.4	11.6	43.0	68.2	-25.2	Peak	Vertical
	9423.5	31.0	12.4	43.4	74.0	-30.6	Peak	Vertical
	11123.5	31.6	16.6	48.2	74.0	-25.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20	Test Site:	AC2
Test Channel:	52	Test Engineer:	Bruce Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	7842.5	32.1	10.3	42.4	68.2	-25.8	Peak	Horizontal
*	8692.5	31.9	11.3	43.2	68.2	-25.0	Peak	Horizontal
	9466.0	31.6	12.5	44.1	74.0	-29.9	Peak	Horizontal
	11072.5	30.3	16.5	46.8	74.0	-27.2	Peak	Horizontal
*	7842.5	31.0	10.3	41.3	68.2	-26.9	Peak	Vertical
*	8811.5	31.1	11.7	42.8	68.2	-25.4	Peak	Vertical
	9423.5	30.9	12.4	43.3	74.0	-30.7	Peak	Vertical
	11072.5	30.0	16.5	46.5	74.0	-27.5	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBµV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20	Test Site:	AC2
Test Channel:	60	Test Engineer:	Bruce Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7842.5	31.5	10.3	41.8	68.2	-26.4	Peak	Horizontal
*	8692.5	31.7	11.3	43.0	68.2	-25.2	Peak	Horizontal
	9423.5	31.3	12.4	43.7	74.0	-30.3	Peak	Horizontal
	10970.5	31.3	16.5	47.8	74.0	-26.2	Peak	Horizontal
*	7876.5	30.9	10.5	41.4	68.2	-26.8	Peak	Vertical
*	8692.5	31.5	11.3	42.8	68.2	-25.4	Peak	Vertical
	9423.5	31.4	12.4	43.8	74.0	-30.2	Peak	Vertical
	11276.5	29.9	16.8	46.7	74.0	-27.3	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20	Test Site:	AC2
Test Channel:	64	Test Engineer:	Bruce Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	7808.5	31.1	10.4	41.5	68.2	-26.7	Peak	Horizontal
*	8811.5	30.9	11.7	42.6	68.2	-25.6	Peak	Horizontal
	9423.5	30.6	12.4	43.0	74.0	-31.0	Peak	Horizontal
	10732.5	30.3	15.9	46.2	74.0	-27.8	Peak	Horizontal
*	7808.5	31.5	10.4	41.9	68.2	-26.3	Peak	Vertical
*	8505.5	30.8	10.8	41.6	68.2	-26.6	Peak	Vertical
	9338.5	31.2	12.6	43.8	74.0	-30.2	Peak	Vertical
	10928.0	30.1	16.4	46.5	74.0	-27.5	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBµV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20	Test Site:	AC2
Test Channel:	100	Test Engineer:	Bruce Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7808.5	31.3	10.4	41.7	68.2	-26.5	Peak	Horizontal
*	8735.0	30.6	11.6	42.2	68.2	-26.0	Peak	Horizontal
	9338.5	31.1	12.6	43.7	74.0	-30.3	Peak	Horizontal
	10783.5	29.6	16.0	45.6	74.0	-28.4	Peak	Horizontal
*	7808.5	31.0	10.4	41.4	68.2	-26.8	Peak	Vertical
*	8769.0	32.5	11.8	44.3	68.2	-23.9	Peak	Vertical
	9381.0	30.9	12.5	43.4	74.0	-30.6	Peak	Vertical
	10928.0	30.9	16.4	47.3	74.0	-26.7	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20			Test Site:	AC2			
Test Channel:	120			Test Engineer:	Bruce Wang			
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.							

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	7910.5	32.2	10.6	42.8	68.2	-25.4	Peak	Horizontal
*	8692.5	30.8	11.3	42.1	68.2	-26.1	Peak	Horizontal
	9381.0	30.8	12.5	43.3	74.0	-30.7	Peak	Horizontal
	10928.0	30.4	16.4	46.8	74.0	-27.2	Peak	Horizontal
*	7876.5	31.7	10.5	42.2	68.2	-26.0	Peak	Vertical
*	8769.0	31.0	11.8	42.8	68.2	-25.4	Peak	Vertical
	9338.5	30.8	12.6	43.4	74.0	-30.6	Peak	Vertical
	10826.0	31.5	16.3	47.8	74.0	-26.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBµV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20	Test Site:	AC2
Test Channel:	140	Test Engineer:	Bruce Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	7808.5	30.8	10.4	41.2	68.2	-27.0	Peak	Horizontal
*	8769.0	30.5	11.8	42.3	68.2	-25.9	Peak	Horizontal
	9338.5	30.4	12.6	43.0	74.0	-31.0	Peak	Horizontal
	11021.5	30.6	16.5	47.1	74.0	-26.9	Peak	Horizontal
*	7808.5	31.5	10.4	41.9	68.2	-26.3	Peak	Vertical
*	8539.5	31.9	11.0	42.9	68.2	-25.3	Peak	Vertical
	9466.0	30.8	12.5	43.3	74.0	-30.7	Peak	Vertical
	11327.5	30.5	16.9	47.4	74.0	-26.6	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBµV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20	Test Site:	AC2
Test Channel:	144	Test Engineer:	Bruce Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	7936.0	33.0	10.7	43.7	68.2	-24.5	Peak	Horizontal
*	9576.5	33.0	12.8	45.8	68.2	-22.4	Peak	Horizontal
	11319.0	31.9	17.0	48.9	74.0	-25.1	Peak	Horizontal
	12075.5	31.6	17.0	48.6	74.0	-25.4	Peak	Horizontal
*	7069.0	33.2	9.9	43.1	68.2	-25.1	Peak	Vertical
*	7825.5	33.3	10.4	43.7	68.2	-24.5	Peak	Vertical
	10894.0	31.4	16.3	47.7	74.0	-26.3	Peak	Vertical
	11718.5	31.6	17.3	48.9	74.0	-25.1	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBµV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20	Test Site:	AC2
Test Channel:	149	Test Engineer:	Bruce Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	7953.0	32.0	10.7	42.7	68.2	-25.5	Peak	Horizontal
*	8735.0	29.7	11.6	41.3	68.2	-26.9	Peak	Horizontal
	9381.0	30.9	12.5	43.4	74.0	-30.6	Peak	Horizontal
	10970.5	30.7	16.5	47.2	74.0	-26.8	Peak	Horizontal
*	7808.5	30.7	10.4	41.1	68.2	-27.1	Peak	Vertical
*	8539.5	31.4	11.0	42.4	68.2	-25.8	Peak	Vertical
	9381.0	31.1	12.5	43.6	74.0	-30.4	Peak	Vertical
	11327.5	29.8	16.9	46.7	74.0	-27.3	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBµV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20	Test Site:	AC2
Test Channel:	157	Test Engineer:	Bruce Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7842.5	31.0	10.3	41.3	68.2	-26.9	Peak	Horizontal
*	8888.0	30.7	11.4	42.1	68.2	-26.1	Peak	Horizontal
	9338.5	30.7	12.6	43.3	74.0	-30.7	Peak	Horizontal
	11174.5	28.8	16.8	45.6	74.0	-28.4	Peak	Horizontal
*	7774.5	31.3	10.5	41.8	68.2	-26.4	Peak	Vertical
*	8692.5	31.1	11.3	42.4	68.2	-25.8	Peak	Vertical
	9466.0	30.4	12.5	42.9	74.0	-31.1	Peak	Vertical
	10928.0	30.4	16.4	46.8	74.0	-27.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20	Test Site:	AC2
Test Channel:	165	Test Engineer:	Bruce Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7876.5	31.8	10.5	42.3	68.2	-25.9	Peak	Horizontal
*	8888.0	29.6	11.4	41.0	68.2	-27.2	Peak	Horizontal
	9381.0	31.1	12.5	43.6	74.0	-30.4	Peak	Horizontal
	10970.5	30.6	16.5	47.1	74.0	-26.9	Peak	Horizontal
*	7910.5	31.5	10.6	42.1	68.2	-26.1	Peak	Vertical
*	8854.0	29.6	11.7	41.3	68.2	-26.9	Peak	Vertical
	9423.5	30.9	12.4	43.3	74.0	-30.7	Peak	Vertical
	11123.5	29.8	16.6	46.4	74.0	-27.6	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT40	Test Site:	AC2
Test Channel:	38	Test Engineer:	Bruce Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7842.5	32.5	10.3	42.8	68.2	-25.4	Peak	Horizontal
*	8769.0	31.4	11.8	43.2	68.2	-25.0	Peak	Horizontal
	9423.5	31.0	12.4	43.4	74.0	-30.6	Peak	Horizontal
	10732.5	31.9	15.9	47.8	74.0	-26.2	Peak	Horizontal
*	7842.5	31.1	10.3	41.4	68.2	-26.8	Peak	Vertical
*	8769.0	30.3	11.8	42.1	68.2	-26.1	Peak	Vertical
	9423.5	32.0	12.4	44.4	74.0	-29.6	Peak	Vertical
	11429.5	29.4	17.0	46.4	74.0	-27.6	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT40	Test Site:	AC2
Test Channel:	46	Test Engineer:	Bruce Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	7876.5	31.5	10.5	42.0	68.2	-26.2	Peak	Horizontal
*	8692.5	30.5	11.3	41.8	68.2	-26.4	Peak	Horizontal
	9177.0	30.9	12.4	43.3	74.0	-30.7	Peak	Horizontal
	11582.5	30.2	17.2	47.4	74.0	-26.6	Peak	Horizontal
*	7876.5	30.8	10.5	41.3	68.2	-26.9	Peak	Vertical
*	8888.0	30.5	11.4	41.9	68.2	-26.3	Peak	Vertical
	9134.5	30.6	12.5	43.1	74.0	-30.9	Peak	Vertical
	11021.5	29.7	16.5	46.2	74.0	-27.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBµV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT40	Test Site:	AC2
Test Channel:	54	Test Engineer:	Bruce Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit.		
	2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7876.5	31.9	10.5	42.4	68.2	-25.8	Peak	Horizontal
*	8854.0	29.7	11.7	41.4	68.2	-26.8	Peak	Horizontal
	9423.5	31.6	12.4	44.0	74.0	-30.0	Peak	Horizontal
	10928.0	30.7	16.4	47.1	74.0	-26.9	Peak	Horizontal
*	7842.5	31.6	10.3	41.9	68.2	-26.3	Peak	Vertical
*	8735.0	31.2	11.6	42.8	68.2	-25.4	Peak	Vertical
	9338.5	31.0	12.6	43.6	74.0	-30.4	Peak	Vertical
	10639.0	30.3	15.6	45.9	74.0	-28.1	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT40	Test Site:	AC2
Test Channel:	62	Test Engineer:	Bruce Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7987.0	31.7	10.7	42.4	68.2	-25.8	Peak	Horizontal
*	8769.0	30.4	11.8	42.2	68.2	-26.0	Peak	Horizontal
	9134.5	31.5	12.5	44.0	74.0	-30.0	Peak	Horizontal
	11072.5	30.3	16.5	46.8	74.0	-27.2	Peak	Horizontal
*	7808.5	32.0	10.4	42.4	68.2	-25.8	Peak	Vertical
*	8811.5	30.8	11.7	42.5	68.2	-25.7	Peak	Vertical
	9338.5	30.3	12.6	42.9	74.0	-31.1	Peak	Vertical
	10928.0	30.5	16.4	46.9	74.0	-27.1	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT40	Test Site:	AC2
Test Channel:	102	Test Engineer:	Bruce Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	7842.5	31.5	10.3	41.8	68.2	-26.4	Peak	Horizontal
*	8854.0	29.9	11.7	41.6	68.2	-26.6	Peak	Horizontal
	9423.5	31.3	12.4	43.7	74.0	-30.3	Peak	Horizontal
	10877.0	30.7	16.3	47.0	74.0	-27.0	Peak	Horizontal
*	7876.5	31.3	10.5	41.8	68.2	-26.4	Peak	Vertical
*	8735.0	30.8	11.6	42.4	68.2	-25.8	Peak	Vertical
	9338.5	31.3	12.6	43.9	74.0	-30.1	Peak	Vertical
	10732.5	30.2	15.9	46.1	74.0	-27.9	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBµV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT40	Test Site:	AC2
Test Channel:	118	Test Engineer:	Bruce Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7808.5	31.1	10.4	41.5	68.2	-26.7	Peak	Horizontal
*	8854.0	29.9	11.7	41.6	68.2	-26.6	Peak	Horizontal
	9381.0	31.6	12.5	44.1	74.0	-29.9	Peak	Horizontal
	10783.5	30.6	16.0	46.6	74.0	-27.4	Peak	Horizontal
*	7808.5	31.6	10.4	42.0	68.2	-26.2	Peak	Vertical
*	8658.5	30.6	11.1	41.7	68.2	-26.5	Peak	Vertical
	9049.5	31.7	11.9	43.6	74.0	-30.4	Peak	Vertical
	10970.5	29.4	16.5	45.9	74.0	-28.1	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT40	Test Site:	AC2
Test Channel:	134	Test Engineer:	Bruce Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7876.5	31.1	10.5	41.6	68.2	-26.6	Peak	Horizontal
*	8769.0	31.2	11.8	43.0	68.2	-25.2	Peak	Horizontal
	9466.0	31.9	12.5	44.4	74.0	-29.6	Peak	Horizontal
	11378.5	31.2	17.0	48.2	74.0	-25.8	Peak	Horizontal
*	7842.5	31.4	10.3	41.7	68.2	-26.5	Peak	Vertical
*	8769.0	29.8	11.8	41.6	68.2	-26.6	Peak	Vertical
	9338.5	30.1	12.6	42.7	74.0	-31.3	Peak	Vertical
	10970.5	30.4	16.5	46.9	74.0	-27.1	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT40	Test Site:	AC2
Test Channel:	142	Test Engineer:	Bruce Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7902.0	33.0	10.6	43.6	68.2	-24.6	Peak	Horizontal
*	9653.0	33.5	12.5	46.0	68.2	-22.2	Peak	Horizontal
	10877.0	31.9	16.3	48.2	74.0	-25.8	Peak	Horizontal
	12067.0	31.5	17.0	48.5	74.0	-25.5	Peak	Horizontal
*	7179.5	33.5	10.6	44.1	68.2	-24.1	Peak	Vertical
*	9806.0	34.1	12.7	46.8	68.2	-21.4	Peak	Vertical
	10817.5	32.7	16.1	48.8	74.0	-25.2	Peak	Vertical
	11497.5	32.1	17.3	49.4	74.0	-24.6	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT40	Test Site:	AC2
Test Channel:	151	Test Engineer:	Bruce Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	7987.0	31.5	10.7	42.2	68.2	-26.0	Peak	Horizontal
*	8658.5	31.7	11.1	42.8	68.2	-25.4	Peak	Horizontal
	9177.0	29.6	12.4	42.0	74.0	-32.0	Peak	Horizontal
	10826.0	29.7	16.3	46.0	74.0	-28.0	Peak	Horizontal
*	7808.5	32.3	10.4	42.7	68.2	-25.5	Peak	Vertical
*	8692.5	31.1	11.3	42.4	68.2	-25.8	Peak	Vertical
	9381.0	31.2	12.5	43.7	74.0	-30.3	Peak	Vertical
	10970.5	30.1	16.5	46.6	74.0	-27.4	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBµV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT40	Test Site:	AC2
Test Channel:	159	Test Engineer:	Bruce Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

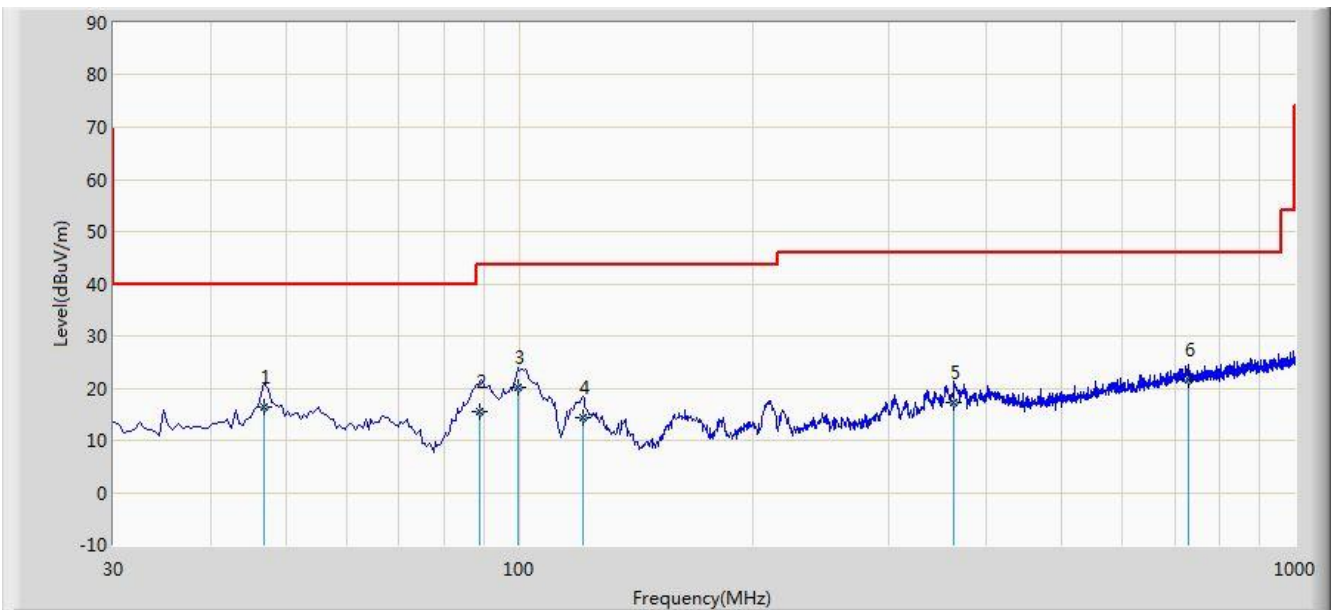| Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7987.0	31.9	10.7	42.6	68.2	-25.6	Peak	Horizontal
*	8794.5	30.6	11.8	42.4	68.2	-25.8	Peak	Horizontal
	9466.0	31.2	12.5	43.7	74.0	-30.3	Peak	Horizontal
	11123.5	30.3	16.6	46.9	74.0	-27.1	Peak	Horizontal
*	7808.5	31.8	10.4	42.2	68.2	-26.0	Peak	Vertical
*	8582.0	31.0	11.0	42.0	68.2	-26.2	Peak	Vertical
	9338.5	31.6	12.6	44.2	74.0	-29.8	Peak	Vertical
	11123.5	30.2	16.6	46.8	74.0	-27.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

The worst case of Radiated Emission below 1GHz:

|	
Site: AC2	Time: 2017/05/27 - 01:55
Limit: FCC_Part15.209_RE(3m)	Engineer: Snake Ni
Probe: VULB9162_0.03-8GHz	Polarity: Horizontal
EUT: Mobile Computer	Power: AC 120V/60Hz
Worst Mode: Transmit by 802.11a at channel 5180MHz	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			46.970	16.480	1.500	-23.520	40.000	14.980	QP
2			89.110	15.531	4.510	-27.969	43.500	11.022	QP
3		*	99.910	20.169	7.200	-23.331	43.500	12.969	QP
4			120.710	14.318	3.140	-29.182	43.500	11.178	QP
5			363.710	17.105	1.030	-28.895	46.000	16.075	QP
6			727.940	21.708	-0.310	-24.292	46.000	22.019	QP

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Note 2: The test trace is same as the ambient noise and the amplitude of the emissions are attenuated more than 20dB below the permissible (the test frequency range: 9kHz ~ 30MHz, 18GHz ~ 25GHz), therefore no data appear in the report.

Site: AC2	Time: 2017/05/27 - 01:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Snake Ni
Probe: VULB9162_0.03-8GHz	Polarity: Vertical
EUT: Mobile Computer	Power: AC 120V/60Hz
Worst Mode: Transmit by 802.11a at channel 5180MHz	
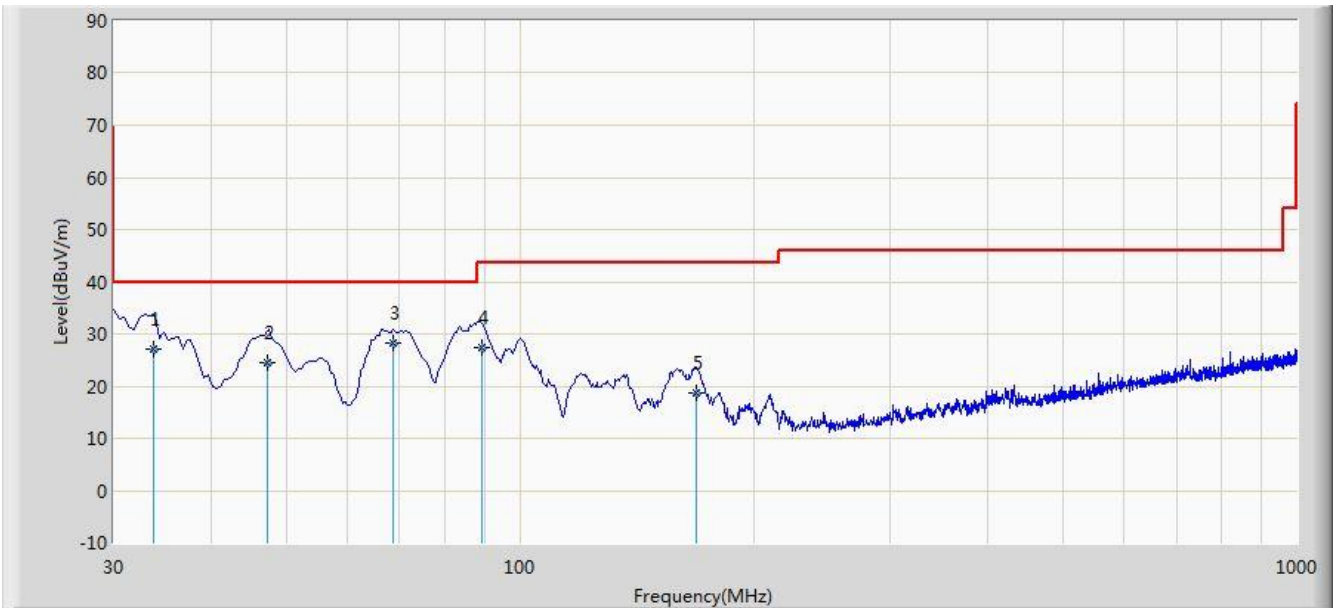
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			33.820	27.099	14.370	-12.901	40.000	12.729	QP
2			47.380	24.511	9.540	-15.489	40.000	14.971	QP
3		*	68.790	28.181	16.890	-11.819	40.000	11.292	QP
4			89.220	27.278	16.230	-16.222	43.500	11.048	QP
5			168.720	18.552	8.340	-24.948	43.500	10.212	QP

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Note 2: The test trace is same as the ambient noise and the amplitude of the emissions are attenuated more than 20dB below the permissible (the test frequency range: 9kHz ~ 30MHz, 18GHz ~ 25GHz), therefore no data appear in the report.

7.9. Radiated Restricted Band Edge Measurement

7.9.1. Test Limit

For 15.205 requirement:

Radiated emissions which fall in the restricted bands, as defined in Section 15.205(a) of FCC part 15, must also comply with the radiated emission limits specified in Section 15.209(a).

Frequency (MHz)	Frequency (MHz)	Frequency (MHz)	Frequency (GHz)
0.090 - 0.110	16.42 - 16.423	399.9 - 410	4.5 - 5.15
[1] 0.495 - 0.505	16.69475 - 16.69525	608 - 614	5.35 - 5.46
2.1735 - 2.1905	16.80425 - 16.80475	960 - 1240	7.25 - 7.75
4.125 - 4.128	25.5 - 25.67	1300 - 1427	8.25 - 8.5
4.17725 - 4.17775	37.5 - 38.25	1435 - 1626.5	9.0 - 9.2
4.20725 - 4.20775	73 - 74.6	1645.5 - 1646.5	9.3 - 9.5
6.215 - 6.218	74.8 - 75.2	1660 - 1710	10.6 - 12.7
6.26775 - 6.26825	108 - 121.94	1718.8 - 1722.2	13.25 - 13.4
6.31175 - 6.31225	123 - 138	2200 - 2300	14.47 - 14.5
8.291 - 8.294	149.9 - 150.05	2310 – 2390	15.35 - 16.2
8.362 - 8.366	156.52475 - 156.525	2483.5 - 2500	17.7 - 21.4
8.37625 - 8.38675	156.7 - 156.9	2690 - 2900	22.01 - 23.12
8.41425 - 8.41475	162.0125 - 167.17	3260 - 3267	23.6 - 24.0
12.29 - 12.293	167.72 - 173.2	3332 - 3339	31.2 - 31.8
12.51975 - 12.52025	240 - 285	3345.8 - 3358	36.43 - 36.5
12.57675 - 12.57725	322 - 335.4	3600 - 4400	([2])
13.36 - 13.41	--	--	--

For 15.407(b) requirement:

For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz.

For transmitters operating in the 5.725-5.85 GHz band: All emissions within the frequency range from the band edge to 10 MHz above or below the band edge shall not exceed an e.i.r.p. of −17 dBm/MHz; for frequencies 10 MHz or greater above or below the band edge, emissions shall not

exceed an e.i.r.p. of -27 dBm/MHz.

Refer to KDB 789033 D02v01r04 G)2)c), as specified in § 15.407(b), emissions above 1000 MHz that are outside of the restricted bands are subject to a maximum emission limit of -27 dBm/MHz (or -17 dBm/MHz as specified in § 15.407(b)(4)). However, an out-of-band emission that complies with both the peak and average limits of § 15.209 is not required to satisfy the -27 dBm/MHz or -17 dBm/MHz maximum emission limit.

All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47 CFR must not exceed the limits shown in Table per Section 15.209.

FCC Part 15 Subpart C Paragraph 15.209		
Frequency [MHz]	Field Strength [uV/m]	Measured Distance [Meters]
0.009 - 0.490	2400/F (kHz)	300
0.490 - 1.705	24000/F (kHz)	30
1.705 - 30	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

7.9.2. Test Result of Radiated Restricted Band Edge

|	
Site: AC2	Time: 2017/05/11 - 23:10
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Mobile Computer	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5180MHz	
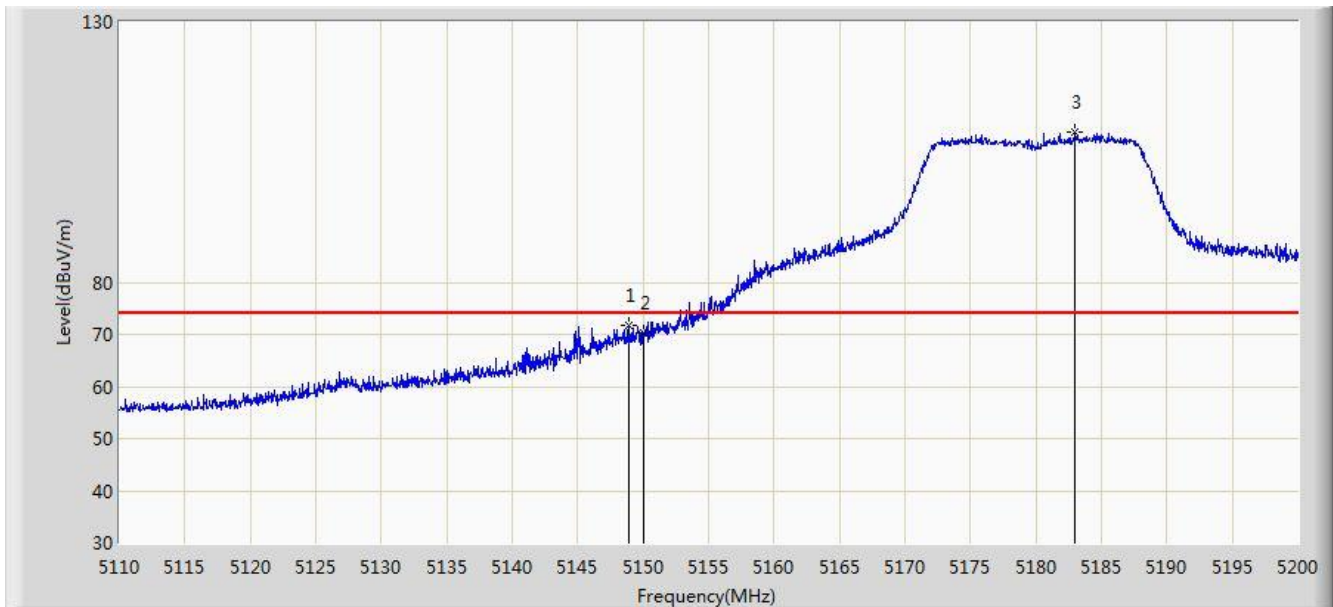
No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.880	71.729	68.657	-2.271	74.000	3.073	PK
2			5150.000	70.182	67.112	-3.818	74.000	3.069	PK
3		*	5182.990	108.774	105.735	N/A	N/A	3.039	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| Site: AC2	Time: 2017/05/11 - 23:14
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Mobile Computer	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5180MHz	
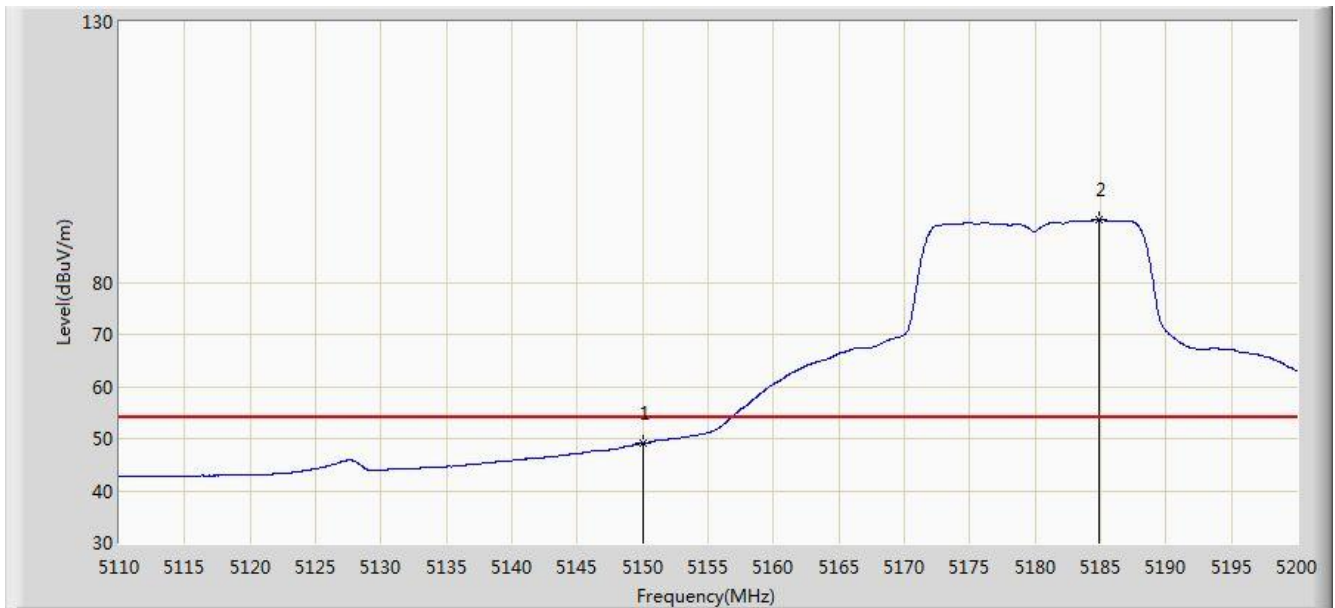
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	49.123	46.053	-4.877	54.000	3.069	AV
2		*	5184.835	91.950	88.934	N/A	N/A	3.015	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| Site: AC2	Time: 2017/05/11 - 23:15
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Mobile Computer	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5180MHz	
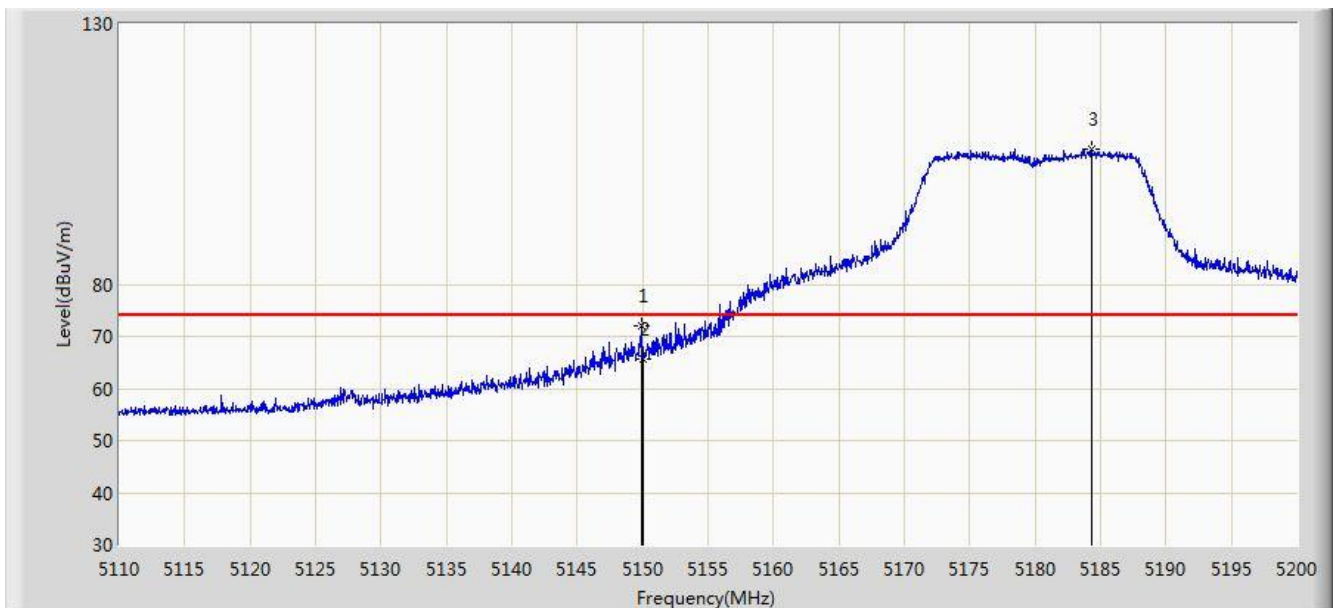
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.870	72.018	68.948	-1.982	74.000	3.070	PK
2			5150.000	65.764	62.694	-8.236	74.000	3.069	PK
3		*	5184.295	105.972	102.950	N/A	N/A	3.022	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC2	Time: 2017/05/11 - 23:18
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Mobile Computer	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5180MHz	
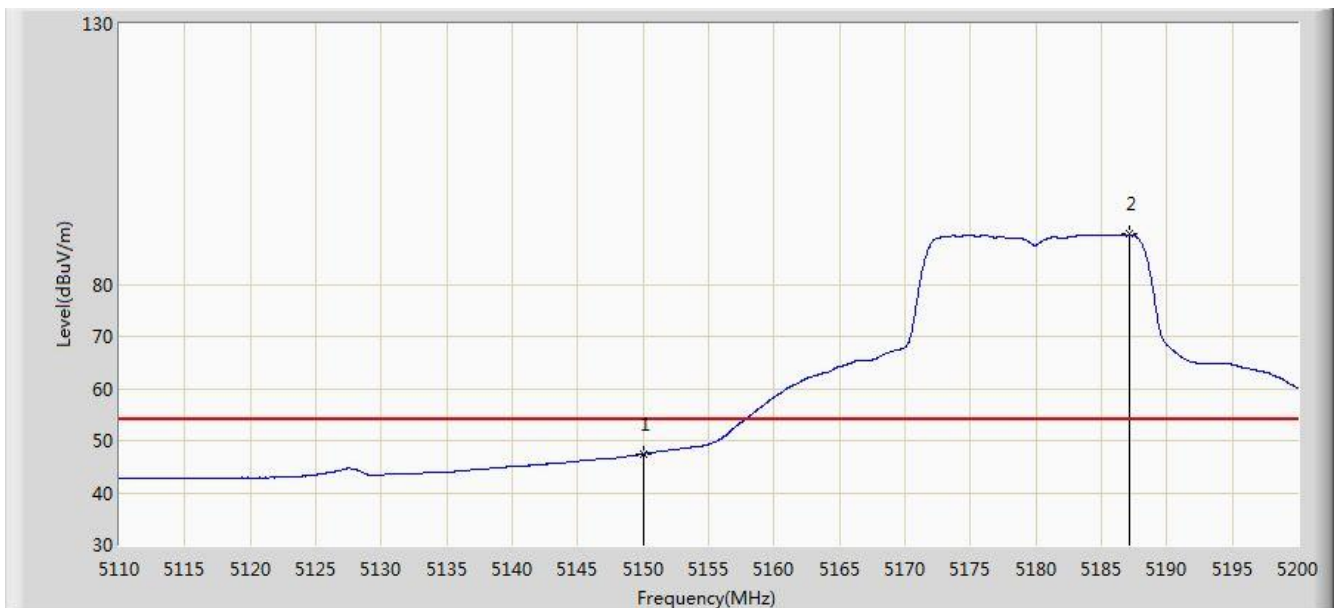
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	47.474	44.404	-6.526	54.000	3.069	AV
2		*	5187.175	89.566	86.579	N/A	N/A	2.986	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

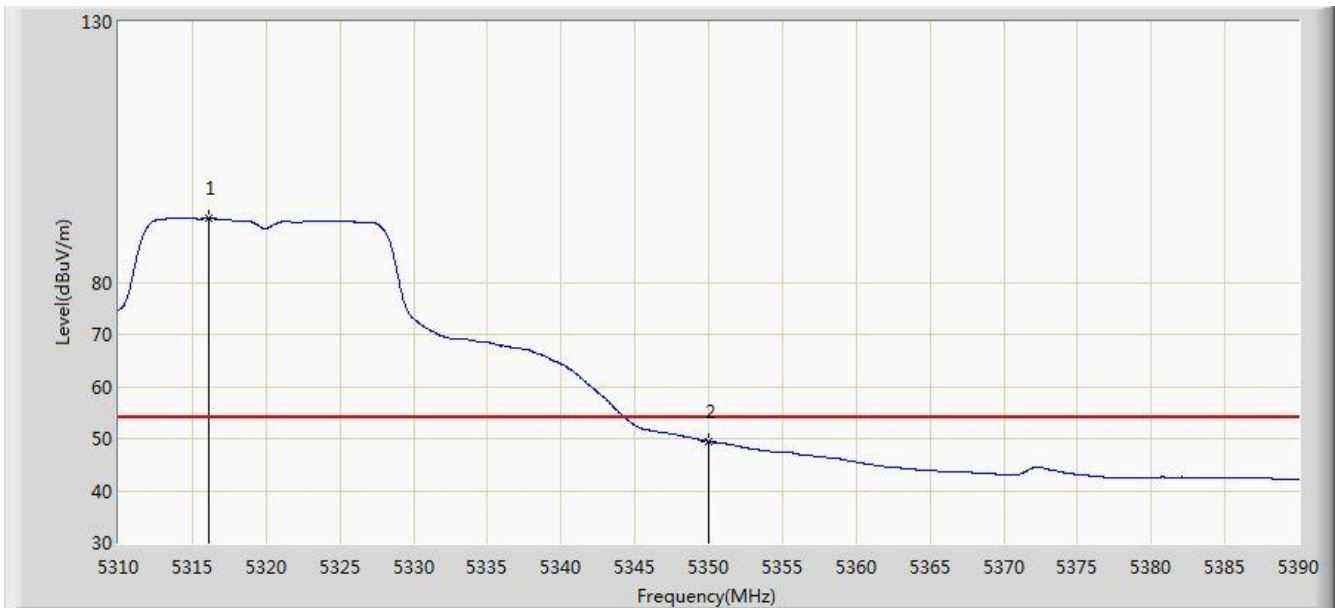| Site: AC2	Time: 2017/05/11 - 23:22
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Mobile Computer	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5320MHz	
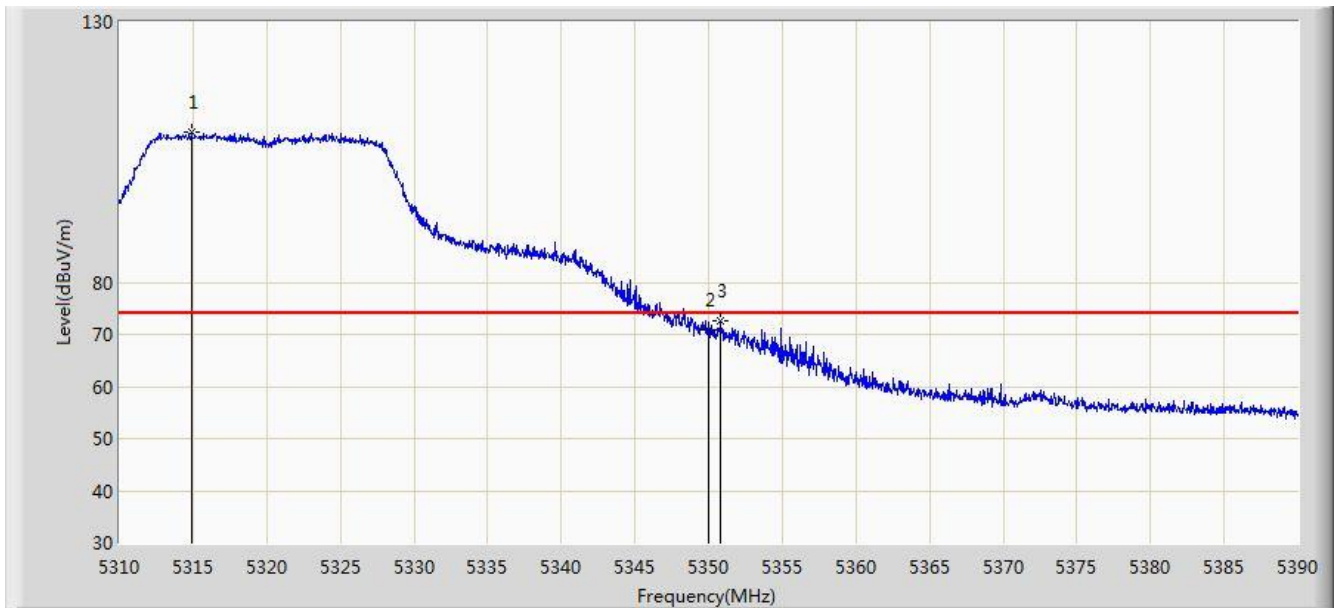
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5314.880	108.740	106.116	N/A	N/A	2.624	PK
2			5350.000	70.740	68.043	-3.260	74.000	2.697	PK
3			5350.800	72.481	69.781	-1.519	74.000	2.700	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

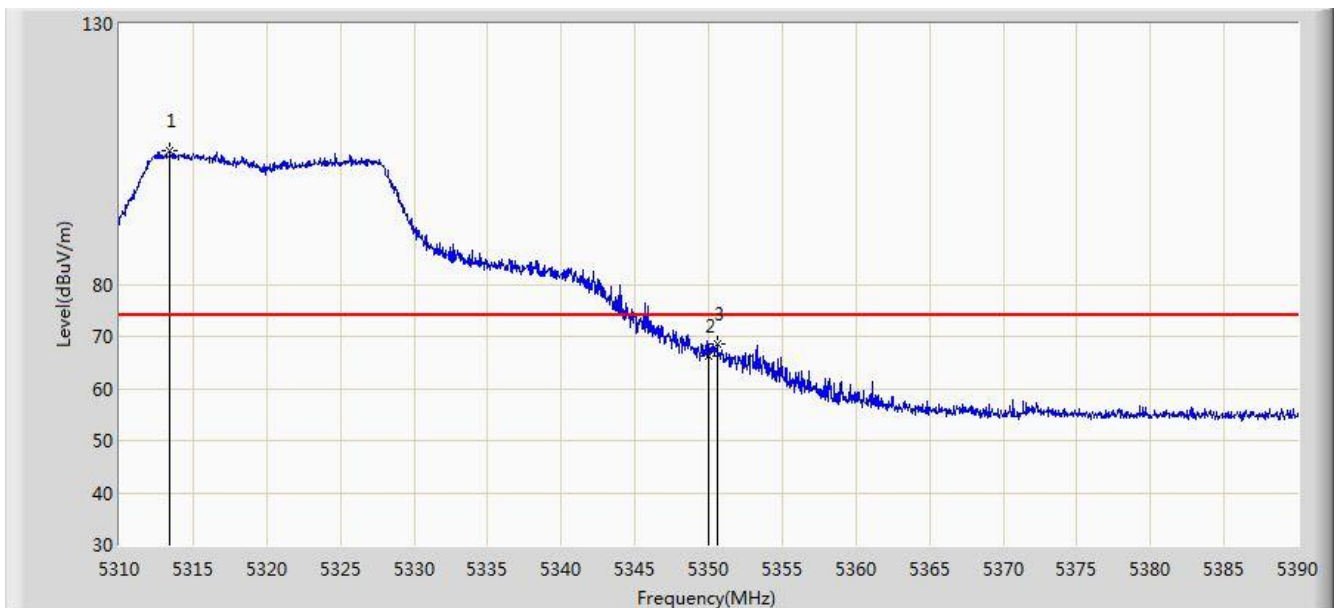| Site: AC2	Time: 2017/05/11 - 23:23
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Mobile Computer	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5320MHz	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5316.160	92.301	89.665	N/A	N/A	2.637	AV
2			5350.000	49.502	46.805	-4.498	54.000	2.697	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| Site: AC2	Time: 2017/05/11 - 23:23
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Mobile Computer	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5320MHz	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5313.440	105.513	102.902	N/A	N/A	2.611	PK
2			5350.000	66.291	63.594	-7.709	74.000	2.697	PK
3			5350.560	68.582	65.883	-5.418	74.000	2.699	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| Site: AC2	Time: 2017/05/11 - 23:25
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Mobile Computer	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5320MHz	
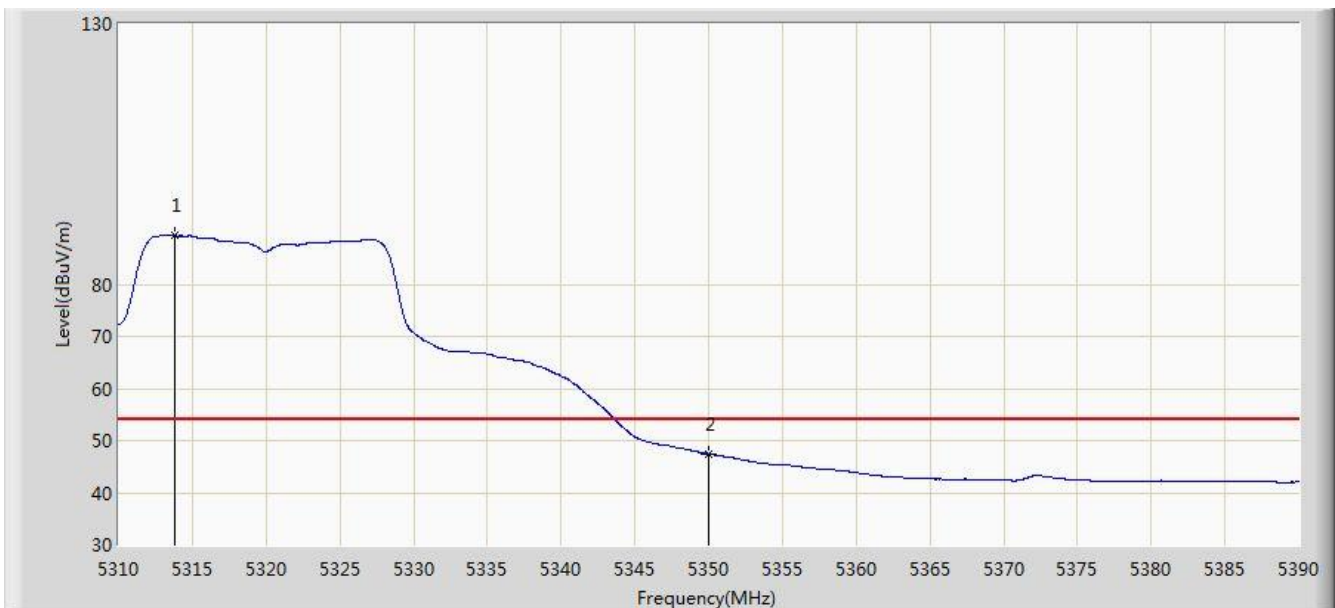
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5313.800	89.354	86.739	N/A	N/A	2.615	AV
2			5350.000	47.429	44.732	-6.571	54.000	2.697	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| Site: AC2	Time: 2017/05/11 - 23:26
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Mobile Computer	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5500MHz	
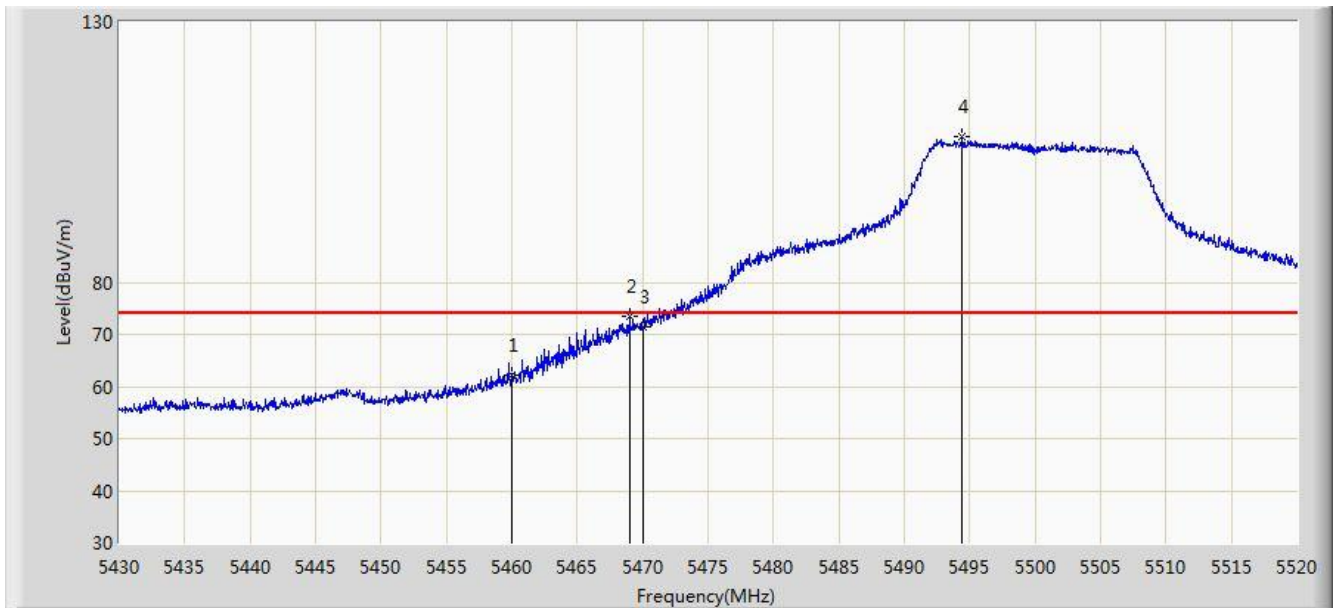
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	62.086	58.893	-11.914	74.000	3.194	PK
2			5468.970	73.489	69.995	-0.511	74.000	3.494	PK
3			5470.000	71.309	67.780	-2.691	74.000	3.529	PK
4		*	5494.440	107.856	104.689	N/A	N/A	3.167	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| Site: AC2	Time: 2017/05/11 - 23:27
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Mobile Computer	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5500MHz	
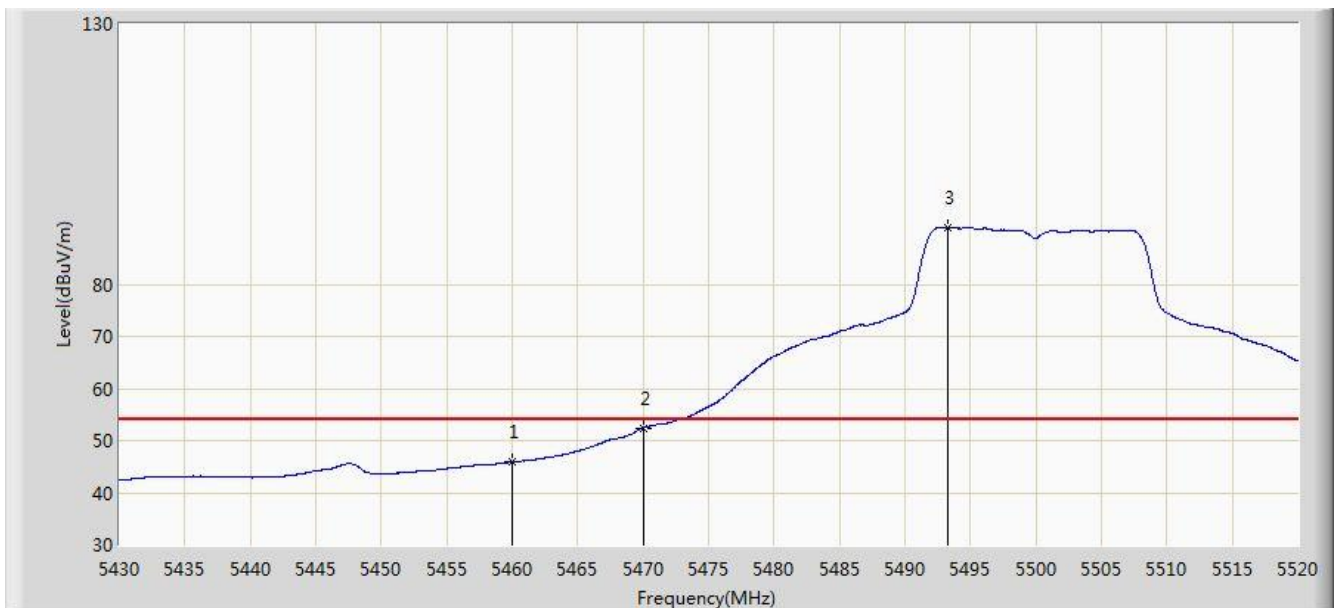
No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	45.932	42.739	-8.068	54.000	3.194	AV
2			5470.000	52.440	48.911	-1.560	54.000	3.529	AV
3		*	5493.270	90.927	87.749	N/A	N/A	3.178	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| Site: AC2	Time: 2017/05/11 - 23:31
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Mobile Computer	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5500MHz	
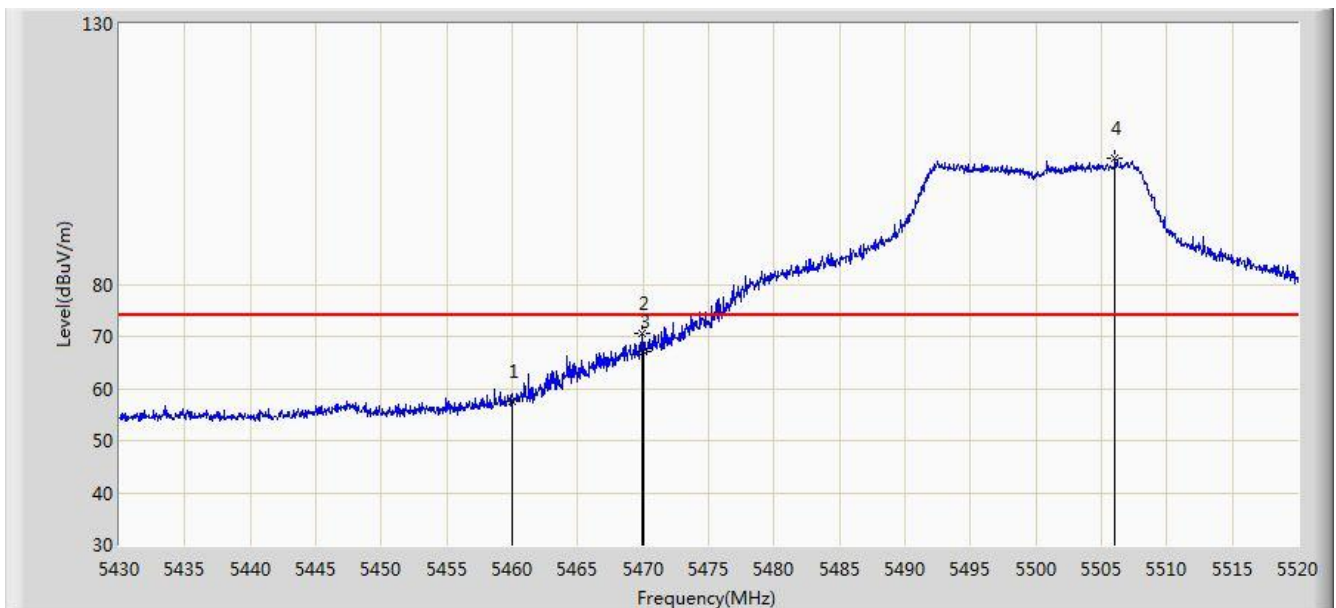
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	57.575	54.382	-16.425	74.000	3.194	PK
2			5469.870	70.448	66.923	-3.552	74.000	3.525	PK
3			5470.000	67.212	63.683	-6.788	74.000	3.529	PK
4		*	5506.050	104.144	101.053	N/A	N/A	3.091	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| Site: AC2	Time: 2017/05/11 - 23:32
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Mobile Computer	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5500MHz	
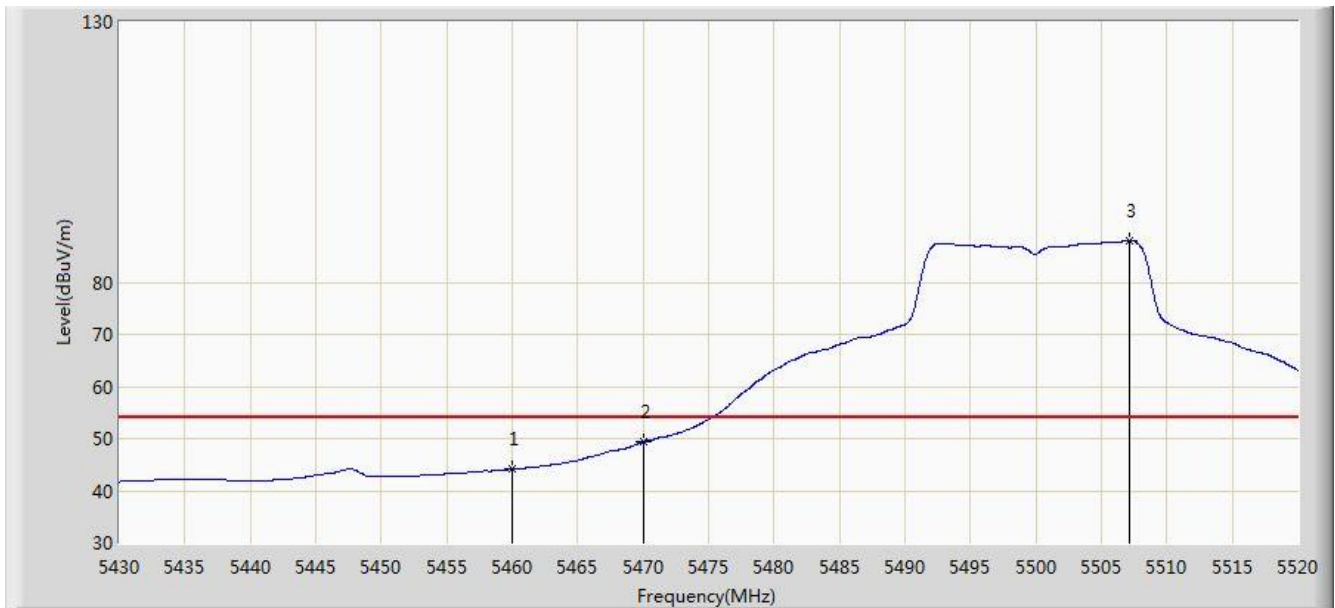
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	44.135	40.942	-9.865	54.000	3.194	AV
2			5470.000	49.464	45.935	-4.536	54.000	3.529	AV
3		*	5507.130	88.041	84.923	N/A	N/A	3.118	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| Site: AC2	Time: 2017/05/11 - 23:39
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Mobile Computer	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5700MHz	
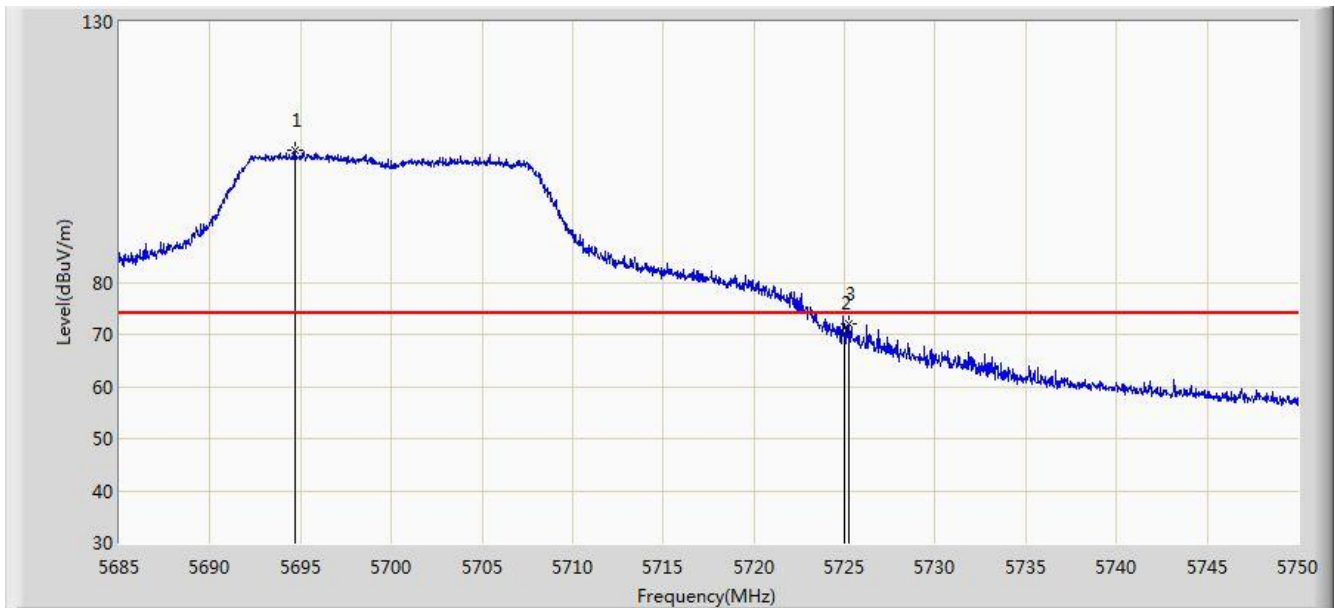
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5694.653	105.234	101.240	N/A	N/A	3.995	PK
2			5725.000	70.195	66.089	-3.805	74.000	4.105	PK
3			5725.268	72.081	67.969	-1.919	74.000	4.112	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| Site: AC2	Time: 2017/05/11 - 23:40
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Mobile Computer	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5700MHz	
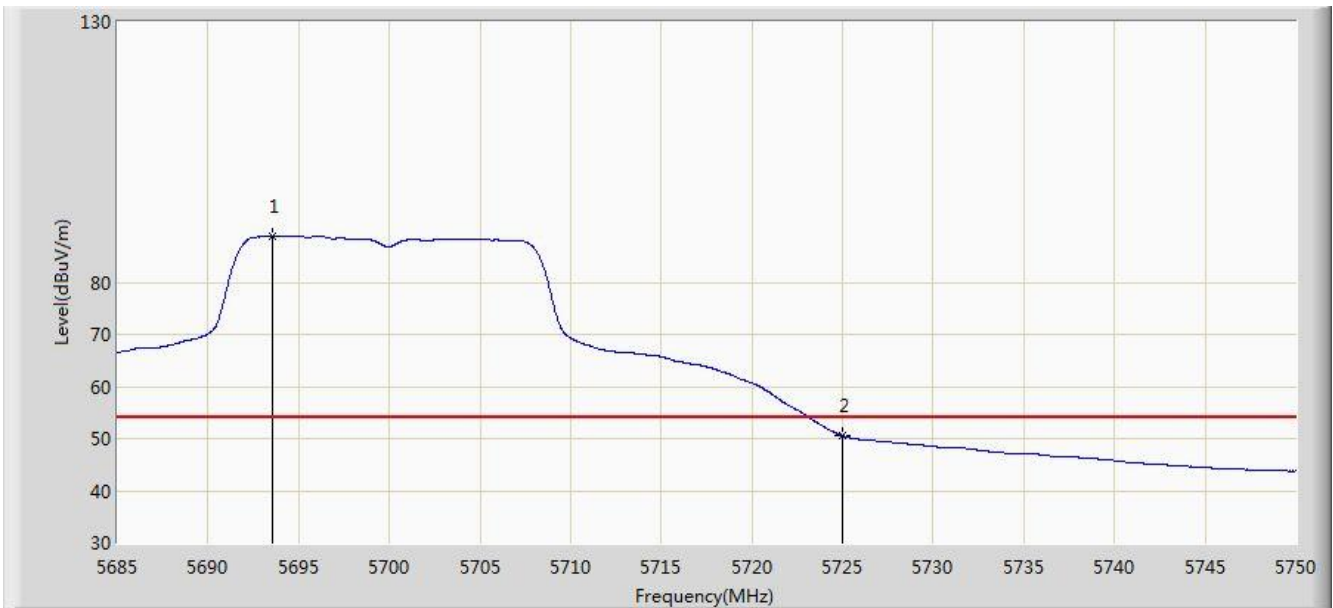
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5693.515	88.976	84.971	N/A	N/A	4.005	AV
2			5725.000	50.549	46.443	-3.451	54.000	4.105	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC2			Time: 2017/05/11 - 23:41		
Limit: FCC_Part15.209_RE(3m)			Engineer: Bruce Wang		
Probe: BBHA9120D_1-18GHz			Polarity: Vertical		
EUT: Mobile Computer			Power: AC 120V/60Hz		
Test Mode: Transmit by 802.11a at Channel 5700MHz					
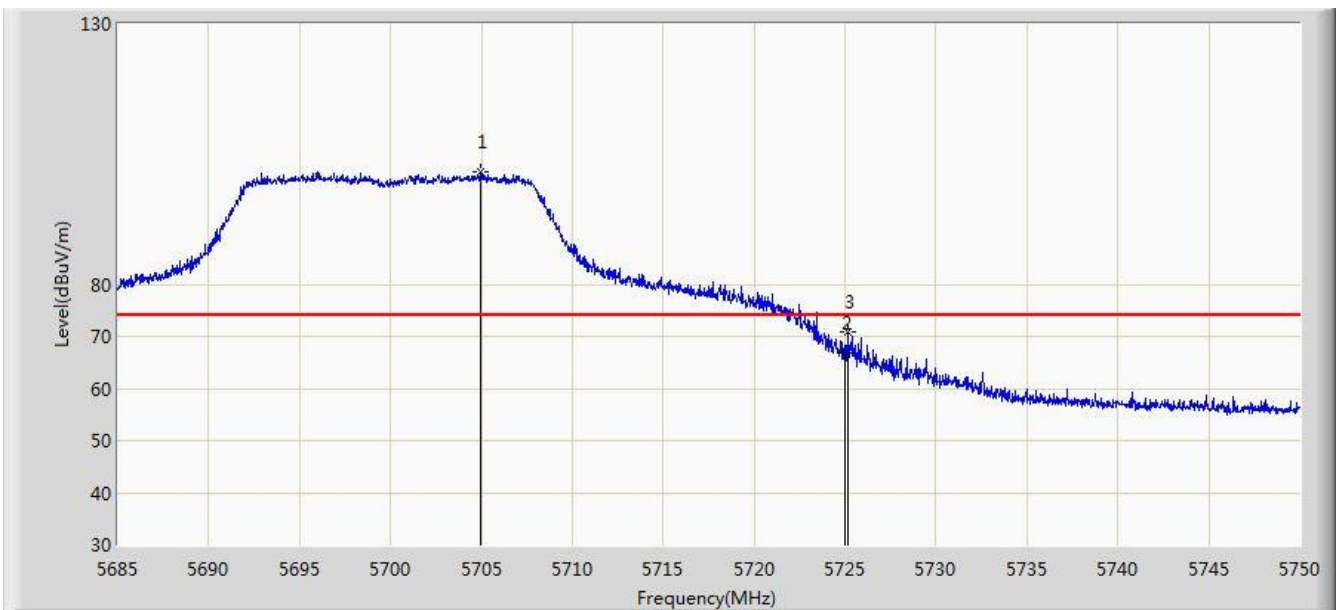
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5704.922	101.534	97.644	N/A	N/A	3.890	PK
2			5725.000	66.919	62.813	-7.081	74.000	4.105	PK
3			5725.170	70.762	66.652	-3.238	74.000	4.110	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

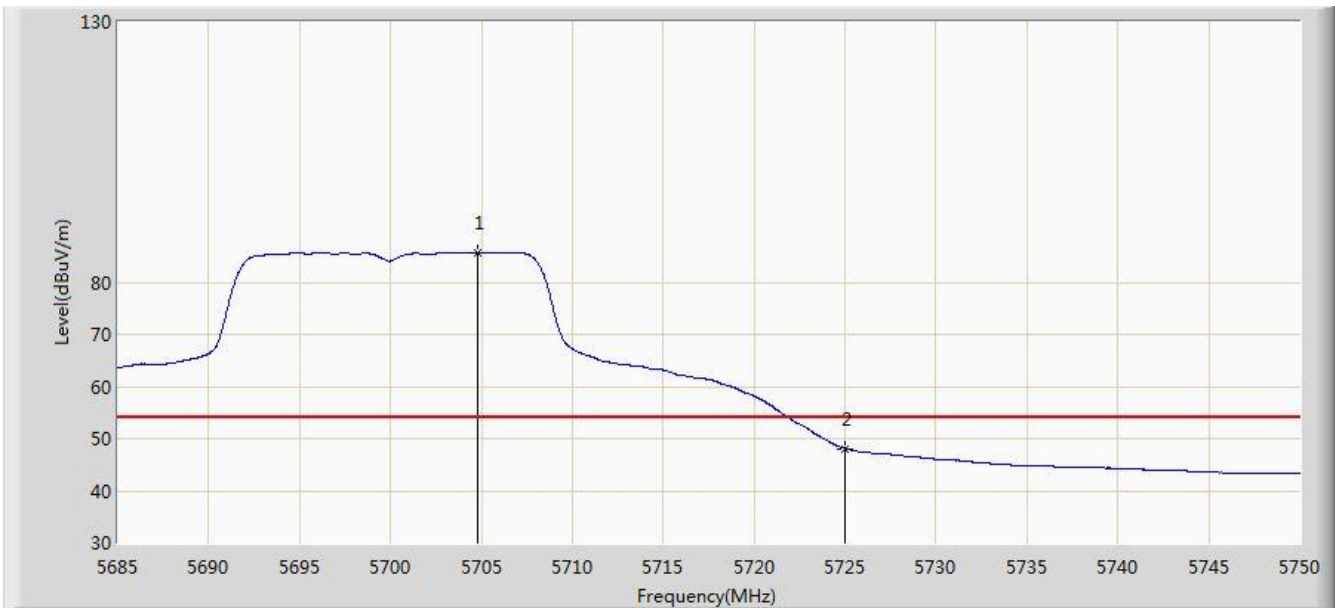| Site: AC2	Time: 2017/05/11 - 23:44
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Mobile Computer	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5700MHz	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5704.760	85.729	81.837	N/A	N/A	3.891	AV
2			5725.000	48.110	44.004	-5.890	54.000	4.105	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| Site: AC2	Time: 2017/05/11 - 23:45
Limit: FCC_Part15.407_RE(3m)_Bandedge	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Mobile Computer	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5745MHz	
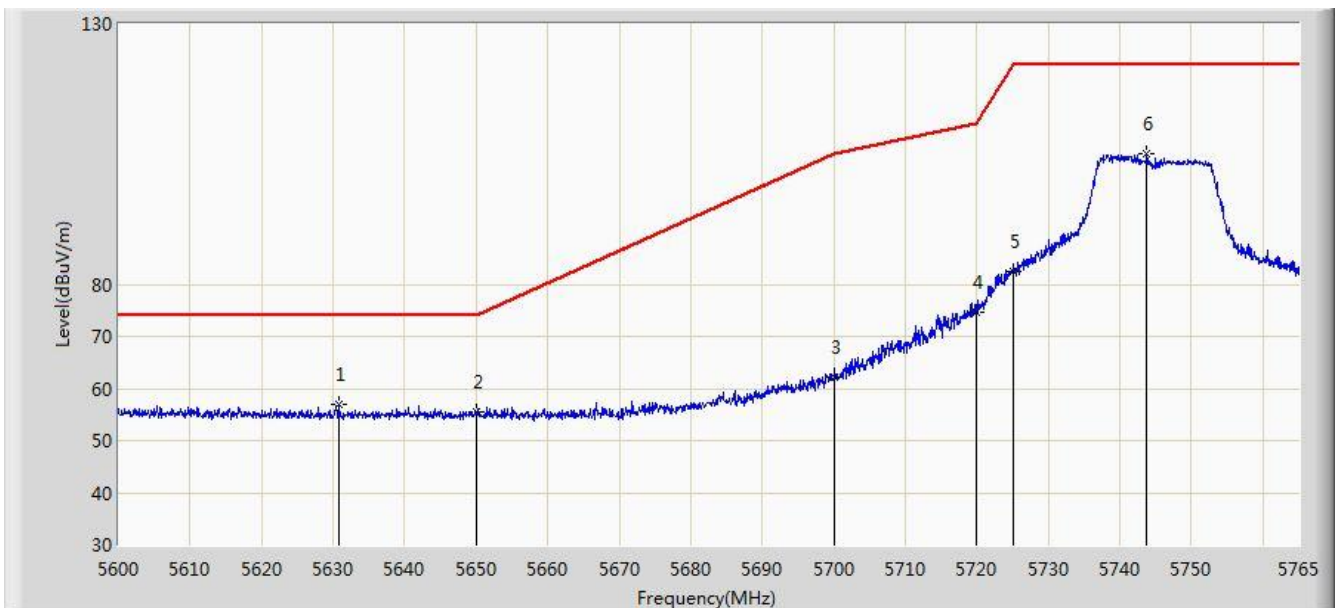
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5630.772	56.942	53.313	-17.058	74.000	3.630	PK
2			5650.000	55.565	51.762	-18.435	74.000	3.803	PK
3			5700.000	62.045	58.105	-43.155	105.200	3.940	PK
4			5720.000	74.566	70.584	-36.234	110.800	3.982	PK
5			5725.000	82.331	78.225	-39.869	122.200	4.105	PK
6			5743.715	104.947	100.677	N/A	N/A	4.270	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| Site: AC2	Time: 2017/05/11 - 23:47
Limit: FCC_Part15.407_RE(3m)_Bandedge	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Mobile Computer	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5745MHz	
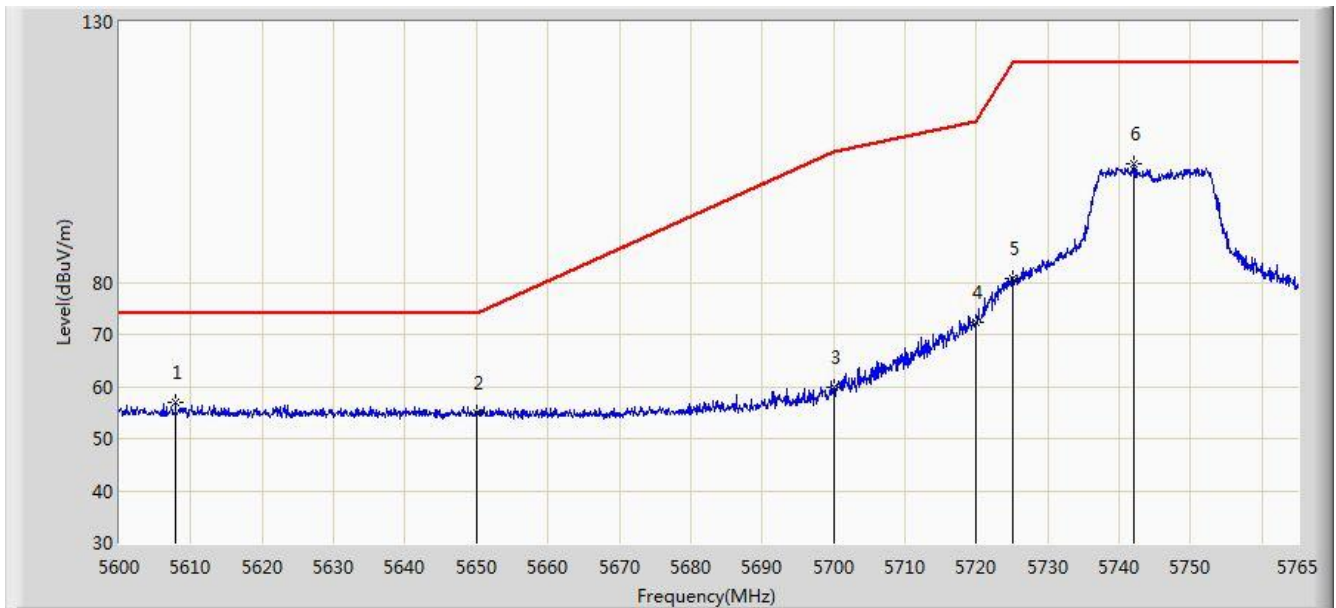
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5607.837	56.877	53.151	-17.123	74.000	3.725	PK
2			5650.000	55.031	51.228	-18.969	74.000	3.803	PK
3			5700.000	59.807	55.867	-45.393	105.200	3.940	PK
4			5720.000	72.174	68.192	-38.626	110.800	3.982	PK
5			5725.000	80.661	76.555	-41.539	122.200	4.105	PK
6			5742.147	102.865	98.592	N/A	N/A	4.272	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| Site: AC2	Time: 2017/05/11 - 23:49
Limit: FCC_Part15.407_RE(3m)_Bandedge	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Mobile Computer	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5825MHz	
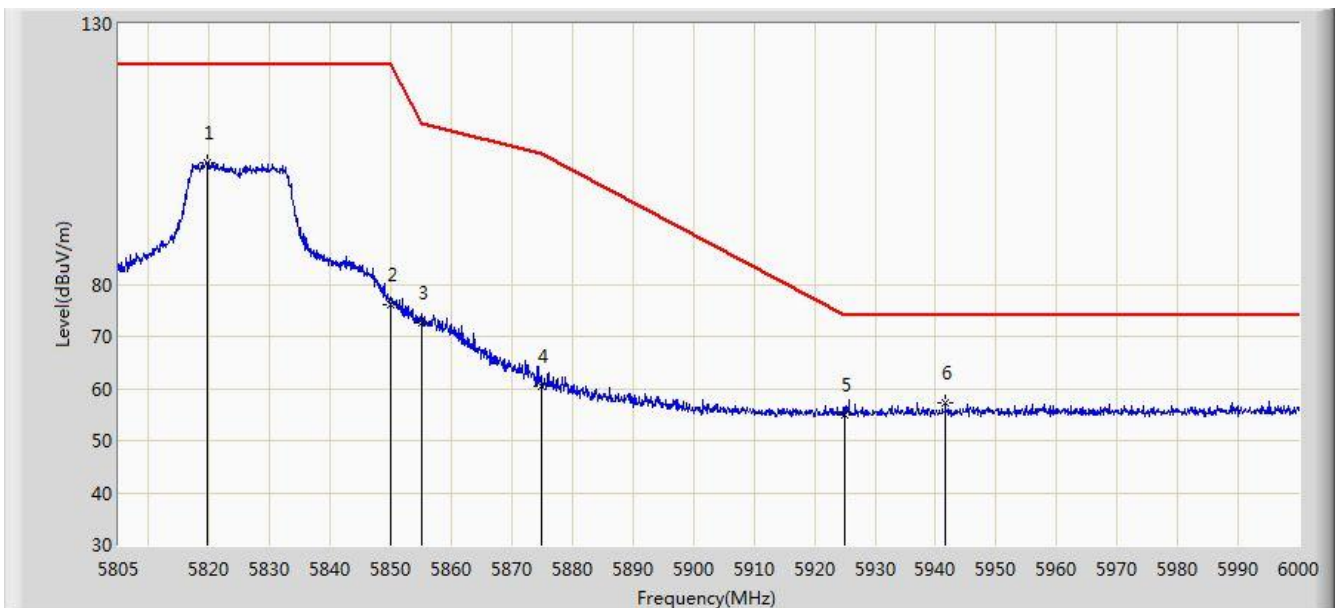
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5819.625	103.371	98.708	N/A	N/A	4.663	PK
2			5850.000	76.152	71.157	-46.048	122.200	4.995	PK
3			5855.000	72.597	67.609	-38.203	110.800	4.987	PK
4			5875.000	60.421	55.414	-44.779	105.200	5.008	PK
5			5925.000	55.051	49.899	-18.949	74.000	5.152	PK
6		*	5941.598	57.196	52.027	-16.804	74.000	5.169	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| Site: AC2	Time: 2017/05/11 - 23:51
Limit: FCC_Part15.407_RE(3m)_Bandedge	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Mobile Computer	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5825MHz	
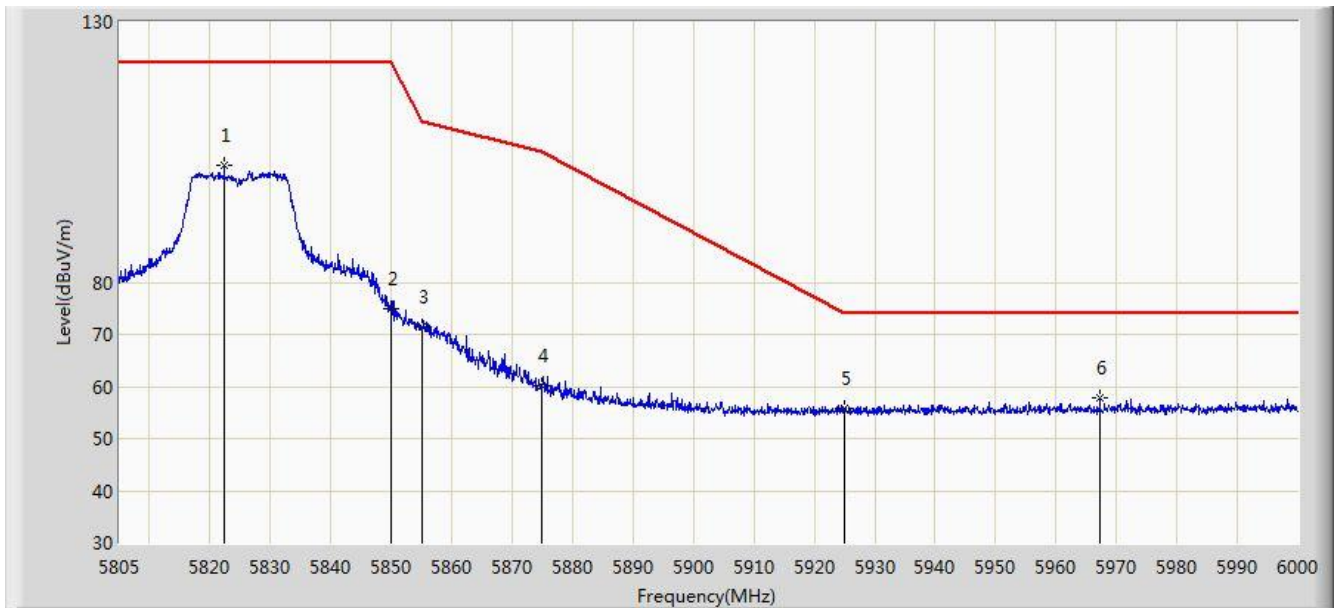
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5822.355	102.592	97.894	N/A	N/A	4.699	PK
2			5850.000	74.978	69.983	-47.222	122.200	4.995	PK
3			5855.000	71.455	66.467	-39.345	110.800	4.987	PK
4			5875.000	60.243	55.236	-44.957	105.200	5.008	PK
5			5925.000	55.742	50.590	-18.258	74.000	5.152	PK
6		*	5967.240	57.774	52.496	-16.226	74.000	5.278	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

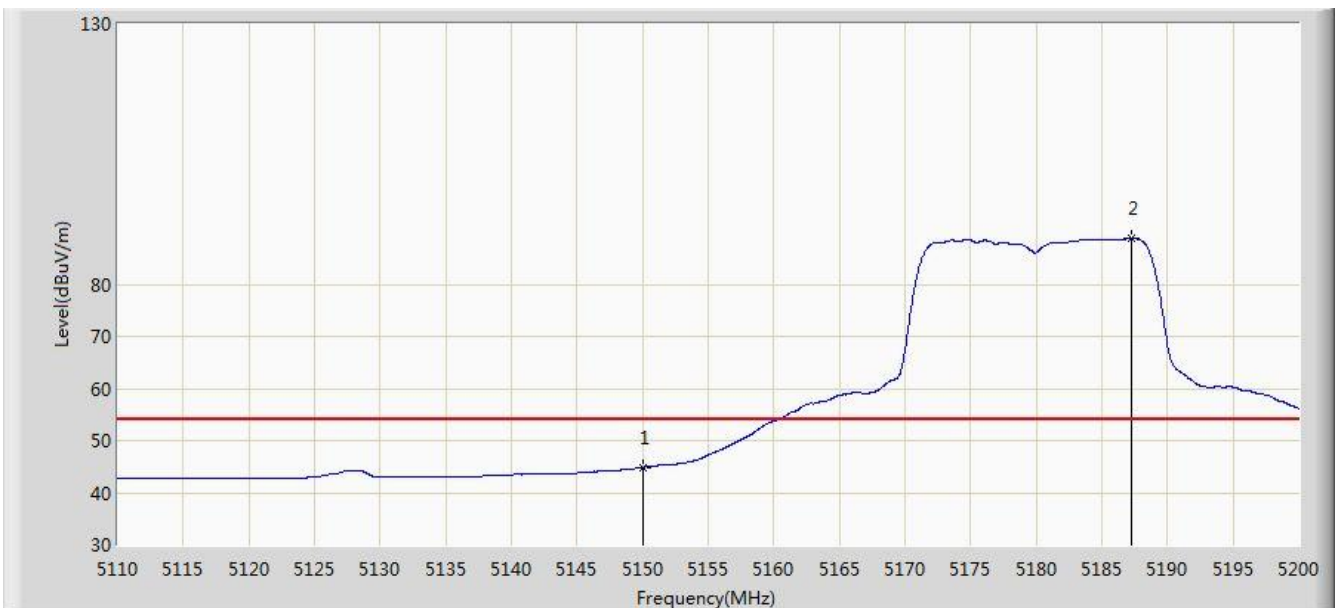| Site: AC2	Time: 2017/05/11 - 23:52
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Mobile Computer	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz	
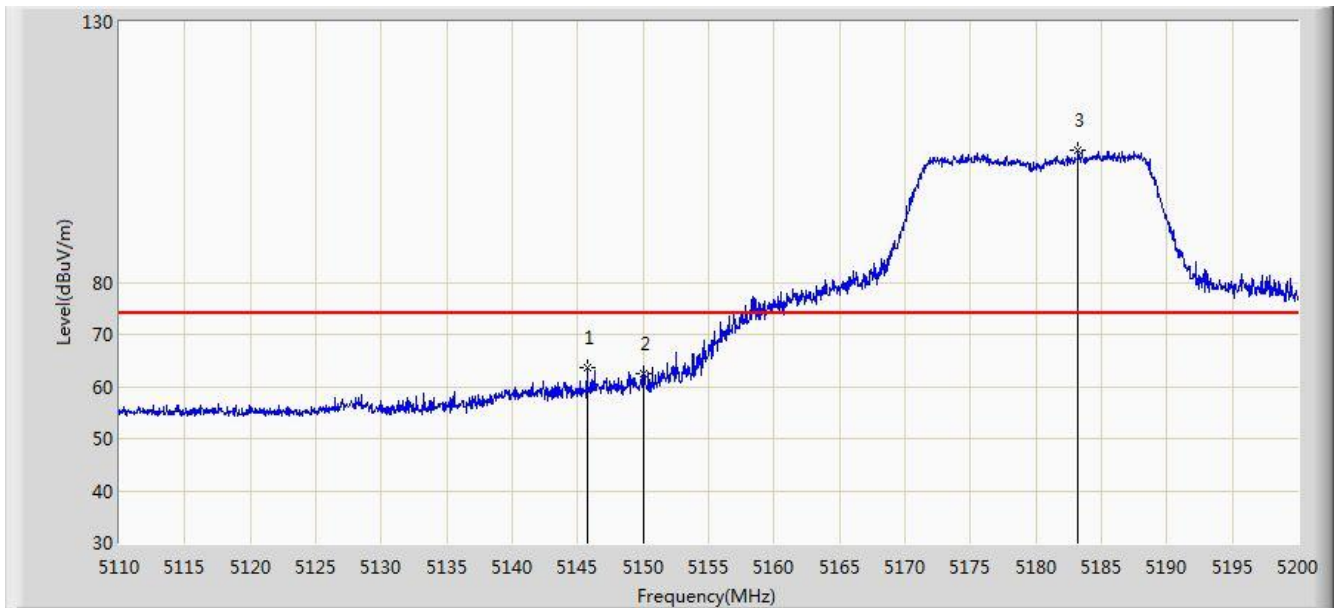
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5145.730	63.510	60.430	-10.490	74.000	3.080	PK
2			5150.000	62.401	59.331	-11.599	74.000	3.069	PK
3		*	5183.215	105.325	102.289	N/A	N/A	3.036	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

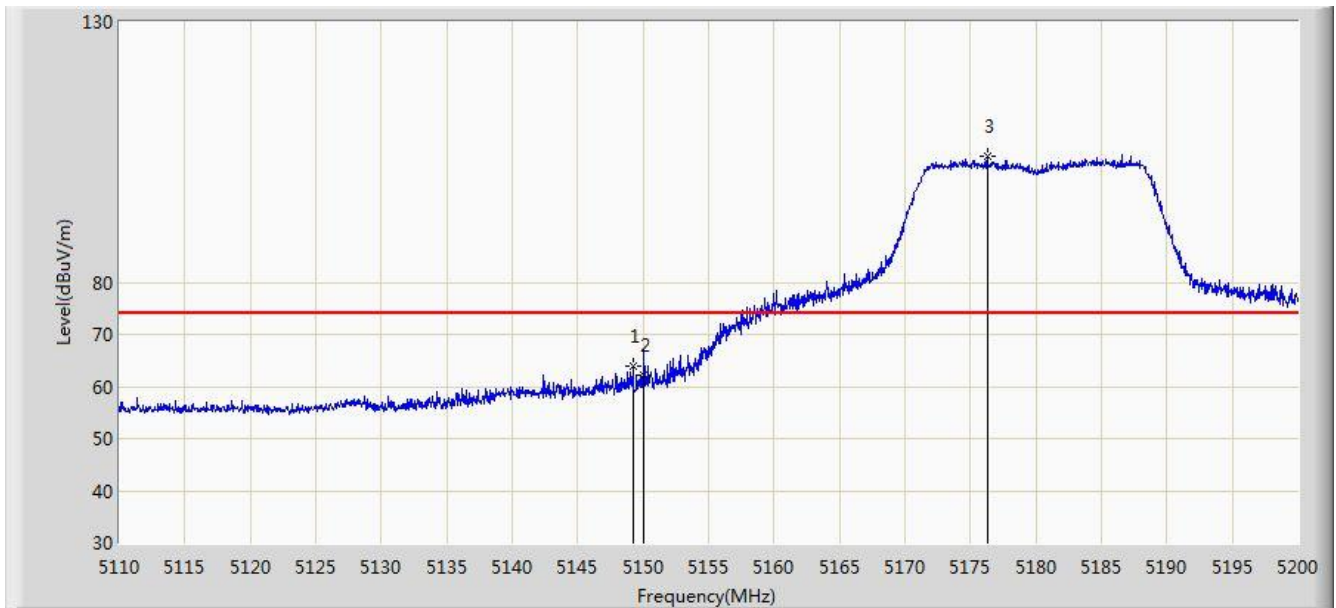| Site: AC2	Time: 2017/05/11 - 23:54
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Mobile Computer	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	44.852	41.782	-9.148	54.000	3.069	AV
2		*	5187.265	88.944	85.959	N/A	N/A	2.986	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

| Site: AC2	Time: 2017/05/11 - 23:54
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Mobile Computer	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.195	63.896	60.825	-10.104	74.000	3.072	PK
2			5150.000	62.115	59.045	-11.885	74.000	3.069	PK
3		*	5176.285	104.196	101.168	N/A	N/A	3.029	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC2	Time: 2017/05/11 - 23:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Mobile Computer	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz	
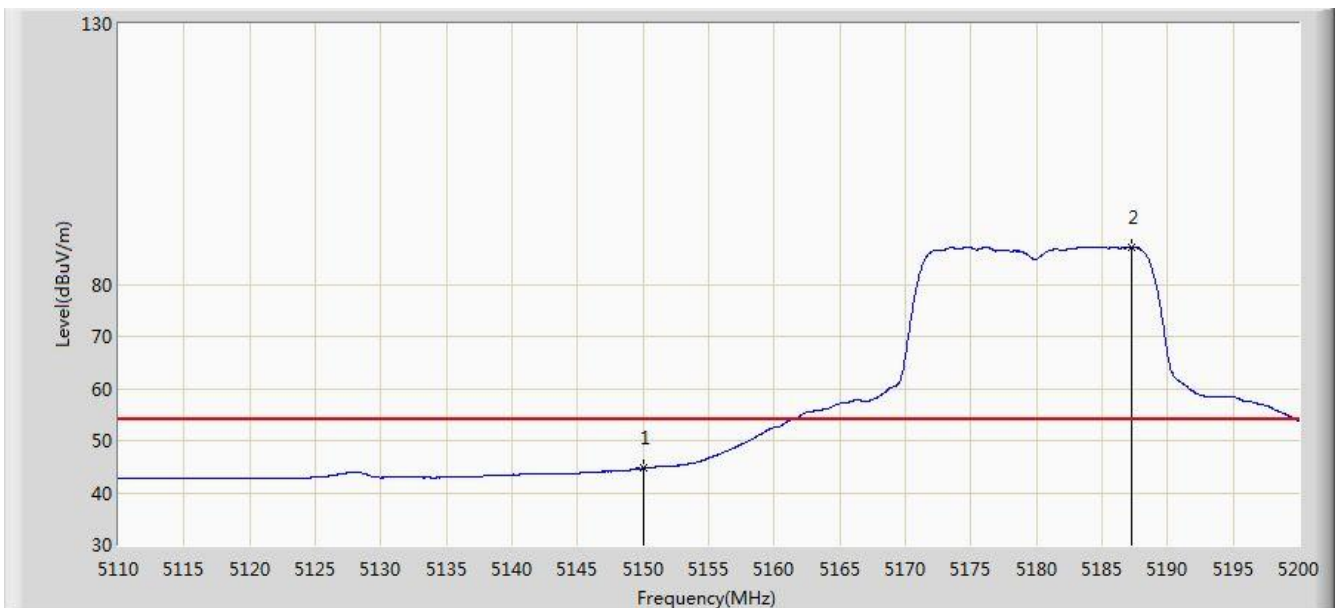
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	44.674	41.604	-9.326	54.000	3.069	AV
2		*	5187.310	87.154	84.169	N/A	N/A	2.985	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)