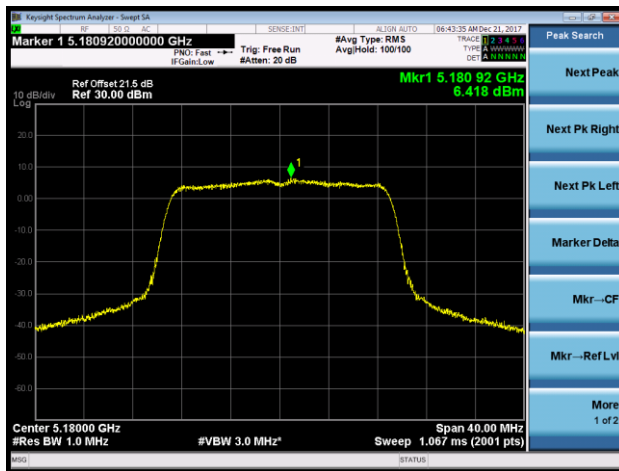
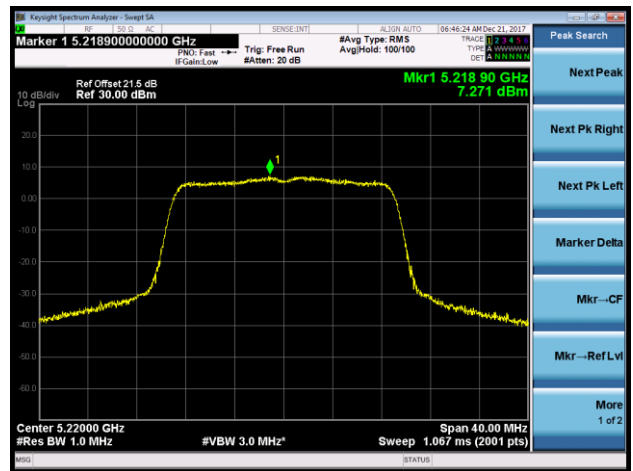


## 802.11ac-VHT20 Power Spectral Density - Ant 1 / Ant 0 + 1

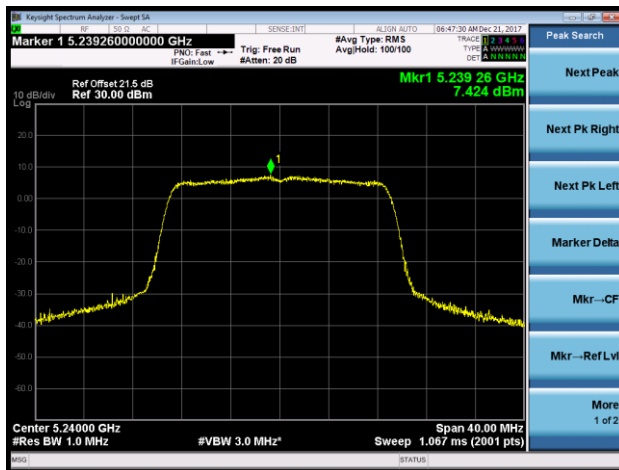
Channel 36 (5180MHz)



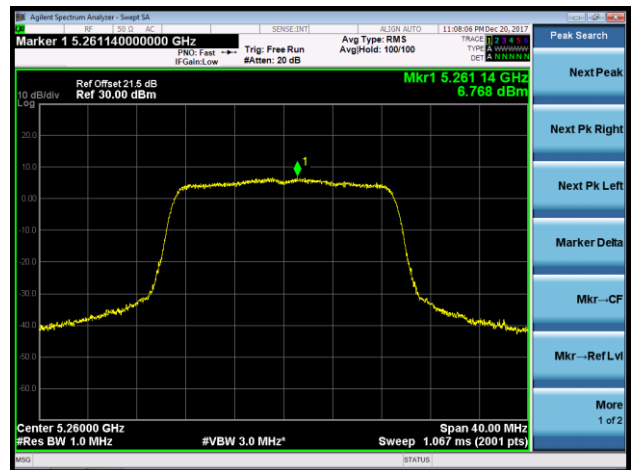
Channel 44 (5220MHz)



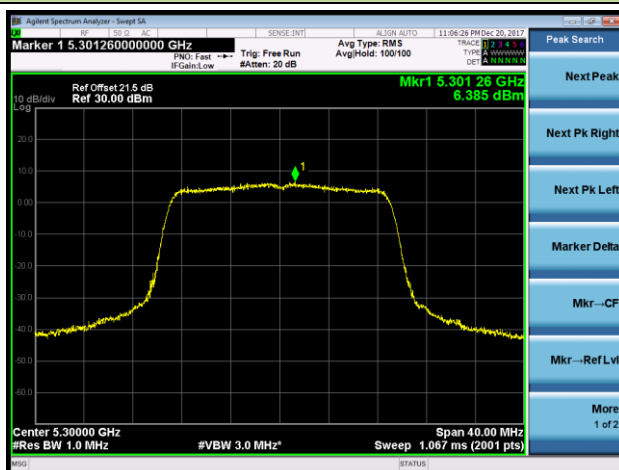
Channel 48 (5240MHz)



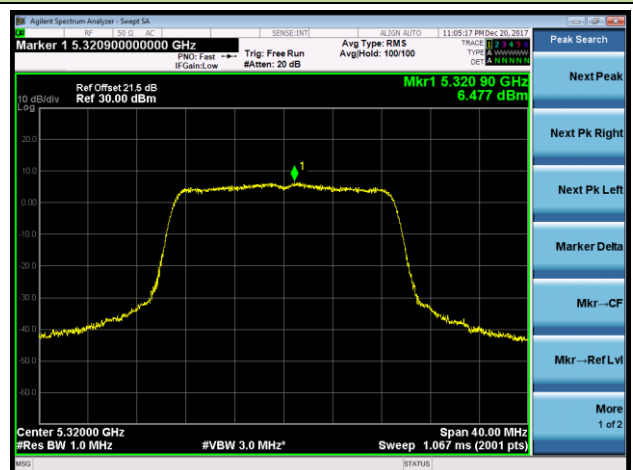
Channel 52 (5260MHz)



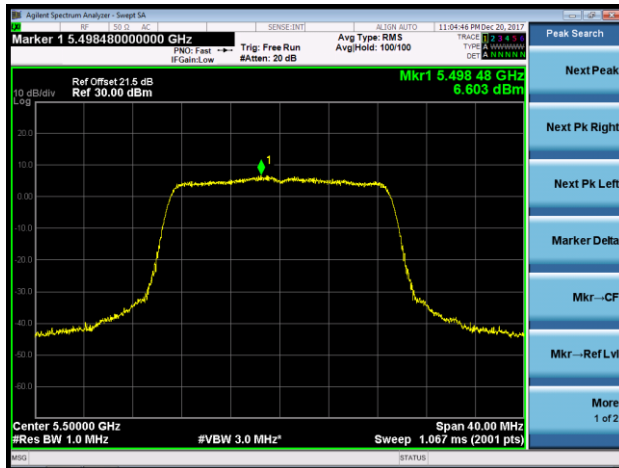
Channel 60 (5300MHz)



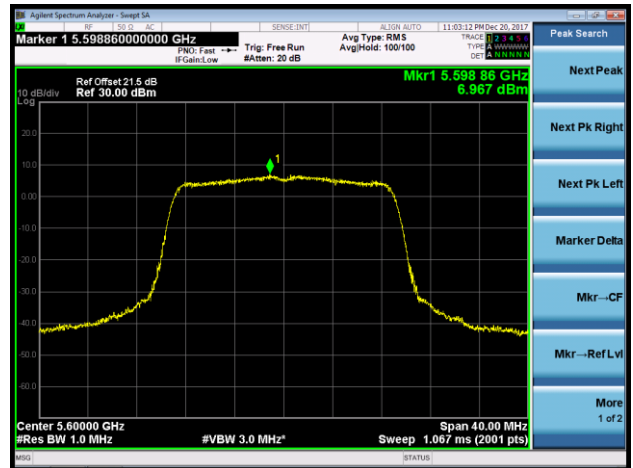
Channel 64 (5320MHz)



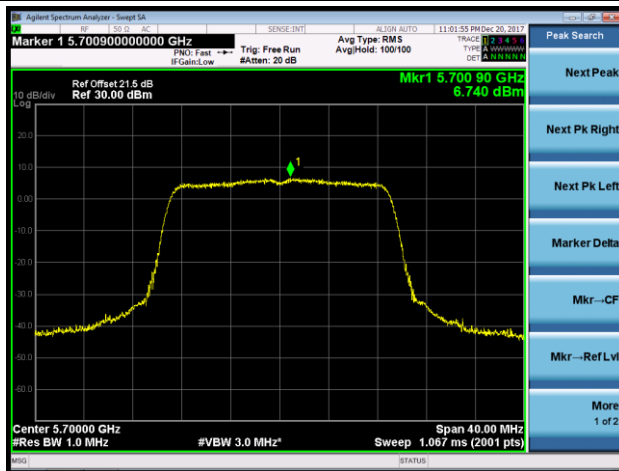
Channel 100 (5500MHz)



Channel 120 (5600MHz)



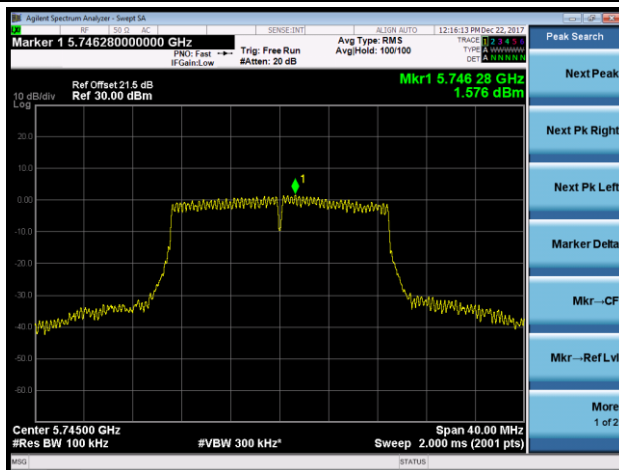
Channel 140 (5700MHz)



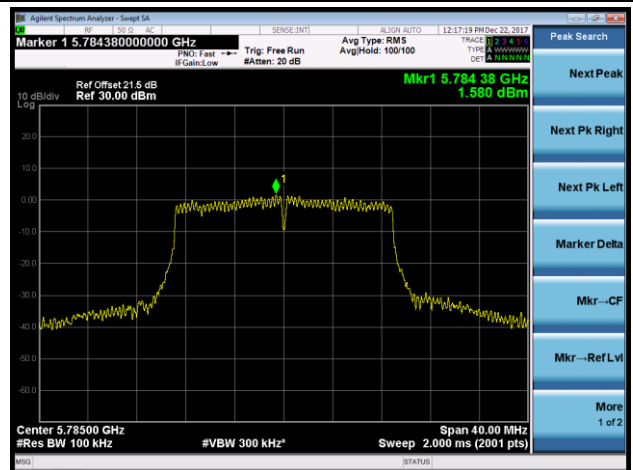
Channel 144 (5720MHz)



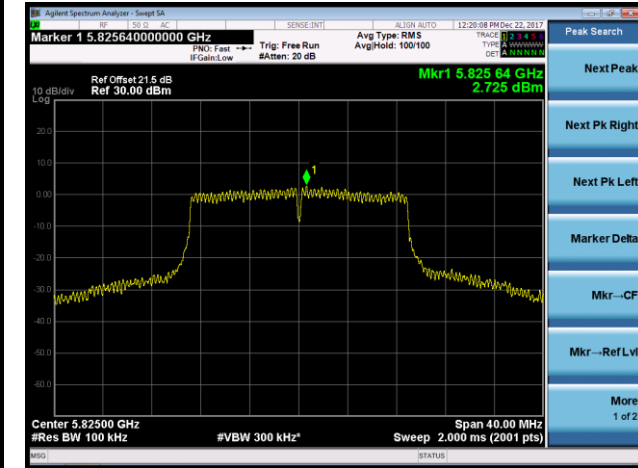
Channel 149 (5745MHz)



Channel 157 (5785MHz)

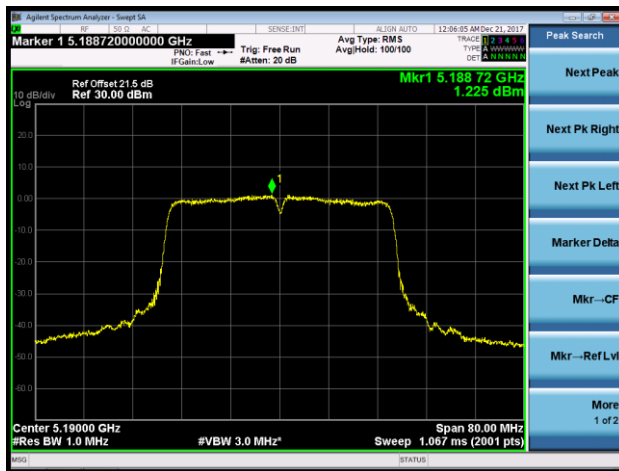


### Channel 165 (5825MHz)

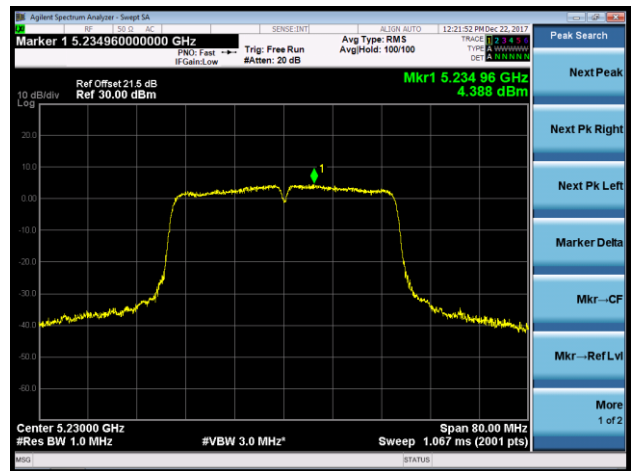


## 802.11ac-VHT40 Power Spectral Density - Ant 1 / Ant 0 + 1

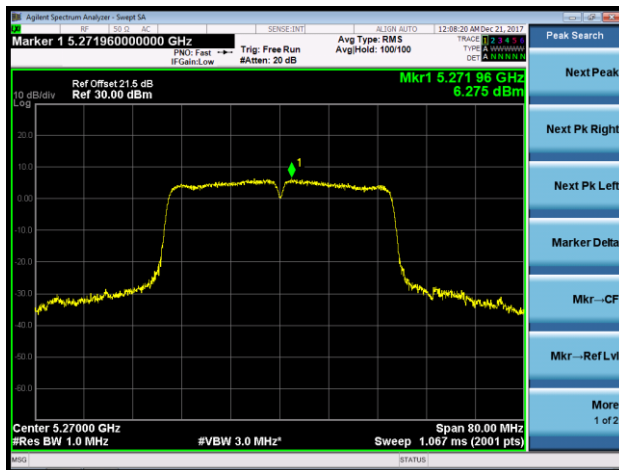
Channel 38 (5190MHz)



Channel 46 (5230MHz)



Channel 54 (5270MHz)



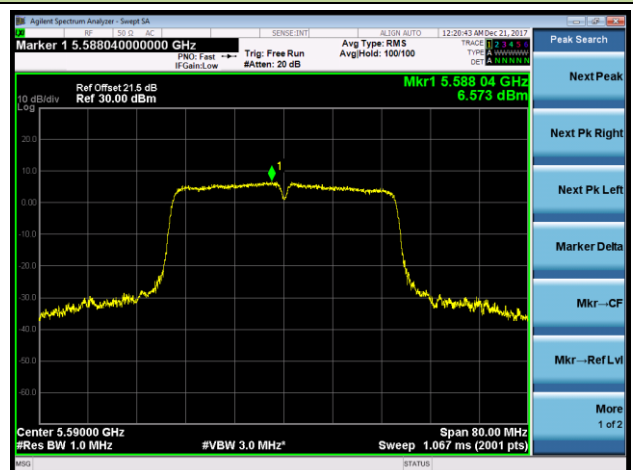
Channel 62 (5310MHz)



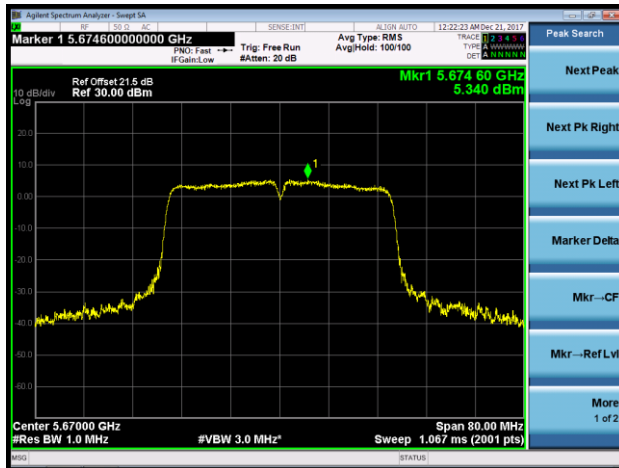
Channel 102 (5510MHz)



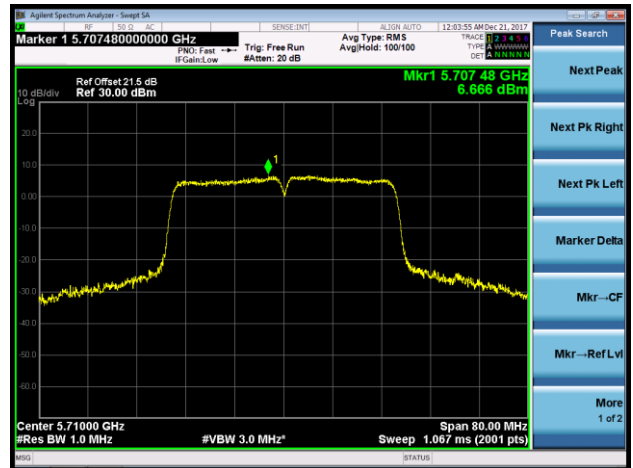
Channel 118 (5590MHz)



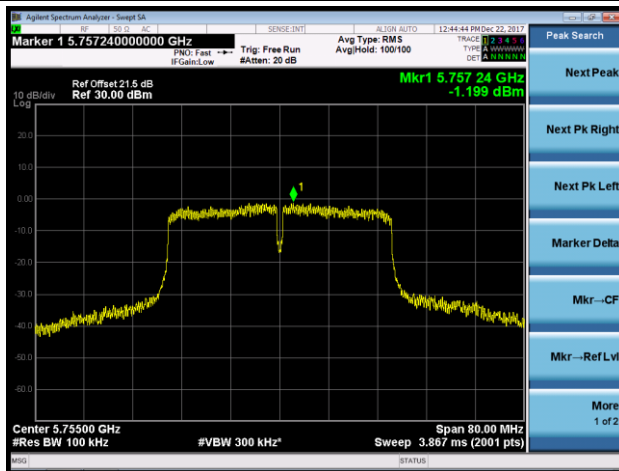
Channel 134 (5670MHz)



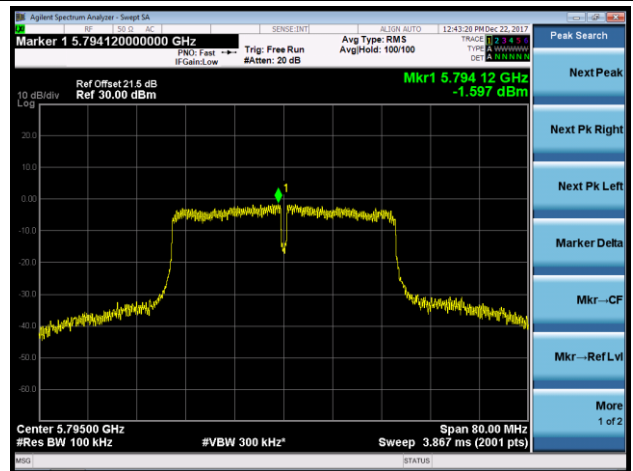
Channel 142 (5710MHz)



Channel 151 (5755MHz)



Channel 159 (5795MHz)



## 802.11ac-VHT80 Power Spectral Density - Ant 1 / Ant 0 + 1

Channel 42 (5210MHz)



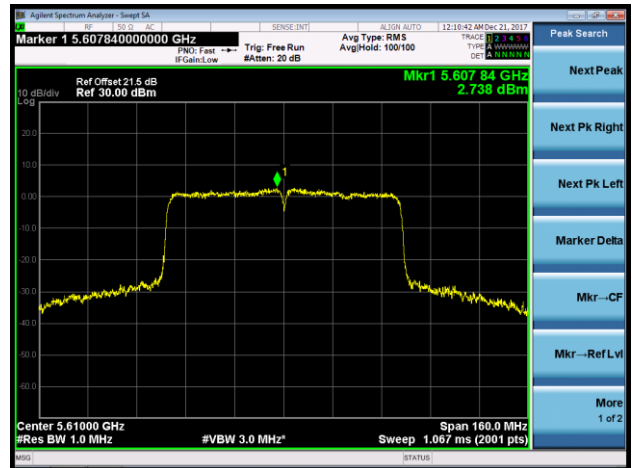
Channel 58 (5290MHz)



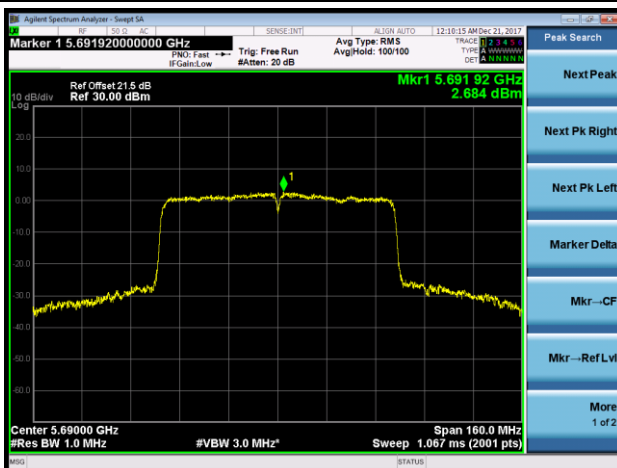
Channel 106 (5530MHz)



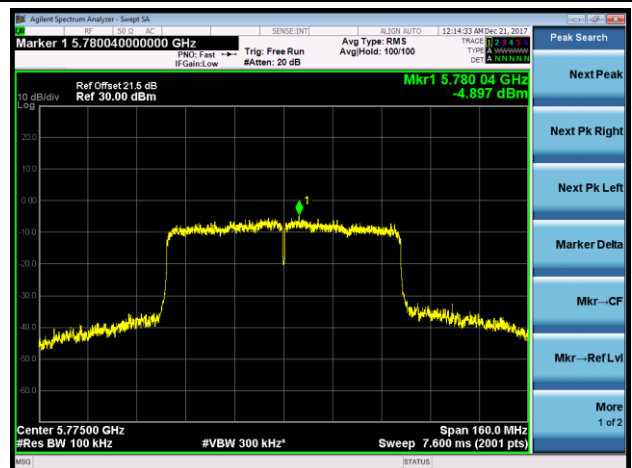
Channel 122 (5610MHz)



Channel 138 (5690MHz)



Channel 155 (5775MHz)



## **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.

The transmitter center frequency tolerance shall be  $\pm 20$  ppm maximum for the 5GHz band (IEEE 802.11 specification).

### **7.7.2. Test Procedure Used**

#### **Frequency Stability Under Temperature Variations:**

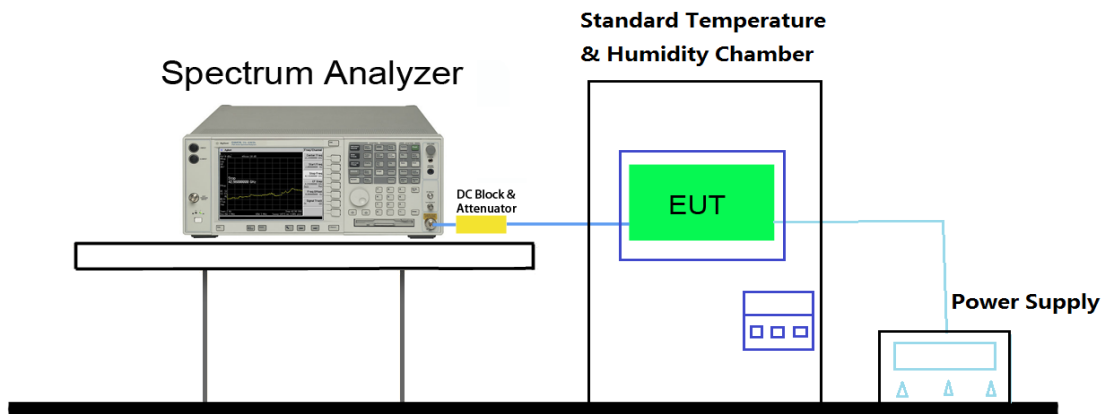
The equipment under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain 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 ( $\pm 15\%$ ) and endpoint, record the maximum frequency change.

### 7.7.3.Test Setup





#### 7.7.4. Test Result

Test Engineer	Dandy Li	Temperature	-30 ~ 50°C
Test Time	2017/12/22	Relative Humidity	48 ~ 55%RH
Test Mode	5180MHz (Carrier Mode)	Test Site	TR3

Voltage (%)	Power (VAC)	Temp (°C)	Frequency Tolerance (ppm)			
			0 minutes	2 minutes	5 minutes	10 minutes
100%	120	- 30	-2.32	-3.11	-4.05	-4.43
		- 20	-2.77	-3.46	-4.23	-5.50
		- 10	-3.26	-3.78	-4.39	-5.06
		0	-4.20	-4.89	-5.21	-5.83
		+ 10	-4.79	-5.26	-6.09	-6.75
		+ 20 (Ref)	-5.23	-5.78	-6.05	-6.68
		+ 30	-5.52	-6.57	-7.44	-8.56
		+ 40	-6.09	-6.87	-7.23	-8.09
		+ 50	-6.73	-7.53	-8.06	-8.56
115%	138	+ 20	-5.41	-6.41	-7.56	-8.06
85%	102	+ 20	-4.26	-5.33	-6.10	-6.94

Note: Frequency Tolerance (ppm) = {[Measured Frequency (Hz) - Declared Frequency (Hz)] / Declared Frequency (Hz)} \* 10<sup>6</sup>.

## 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 [V/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

ANSI C63.10 Section 6.3 (General Requirements)

ANSI C63.10 Section 6.4 (Standard test method below 30MHz)

ANSI C63.10 Section 6.5 (Standard test method above 30MHz to 1GHz)

ANSI C63.10 Section 6.6 (Standard test method above 1GHz)

### 7.8.3. Test Setting

#### Quasi-Peak & Average Measurements below 30MHz

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 = 200Hz for 9kHz to 150kHz frequency; RBW = 9kHz for 0.15MHz to 30MHz frequency
4. Detector = CISPR quasi-peak or power average (Average)
5. Sweep time = auto couple
6. 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

**Peak Measurements above 1GHz**

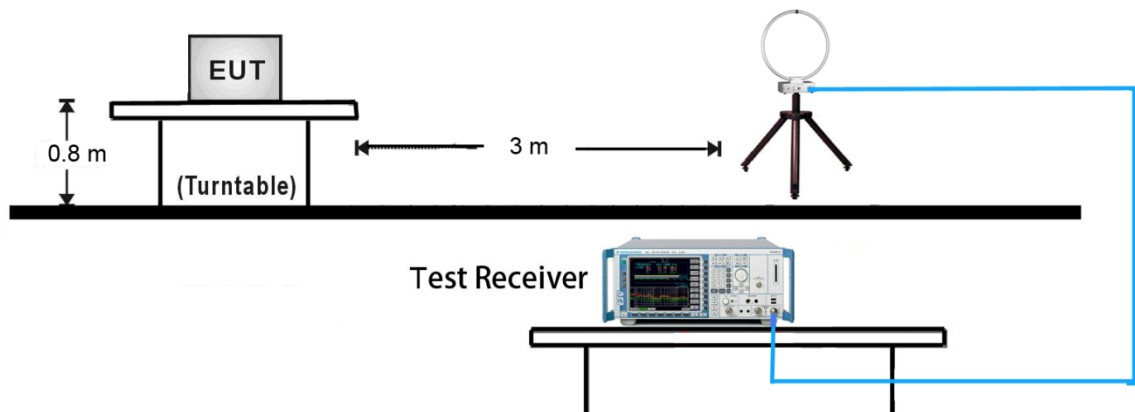
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

**Average Measurements above 1GHz (Method AD)**

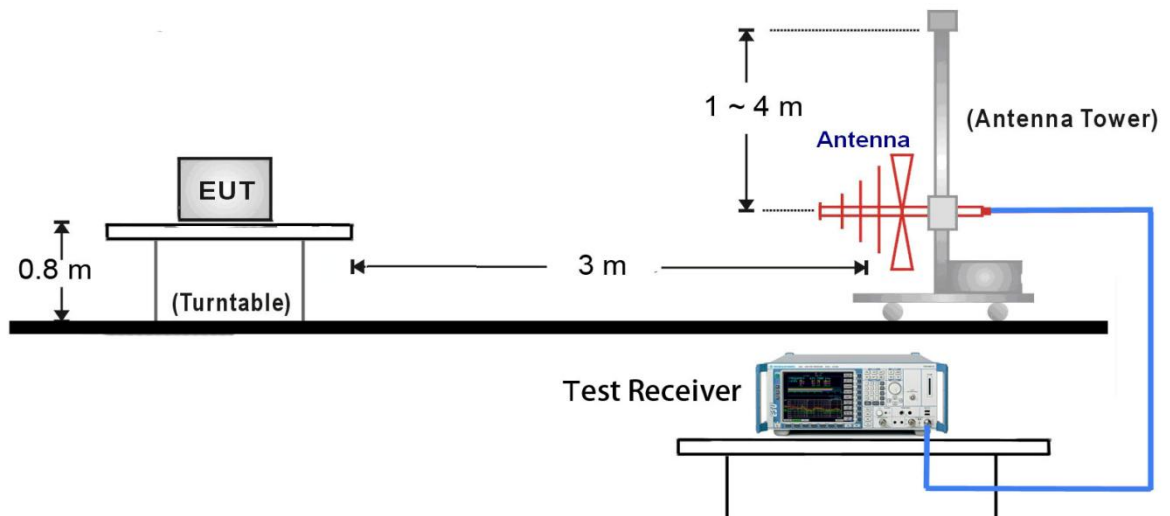
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = power average (Average)
5. Number of measurement points = 1001 (Number of points must be  $> 2 \times \text{span/RBW}$ )
6. Sweep time = auto
7. Trace was averaged over at 100 sweeps

#### 7.8.4. Test Setup

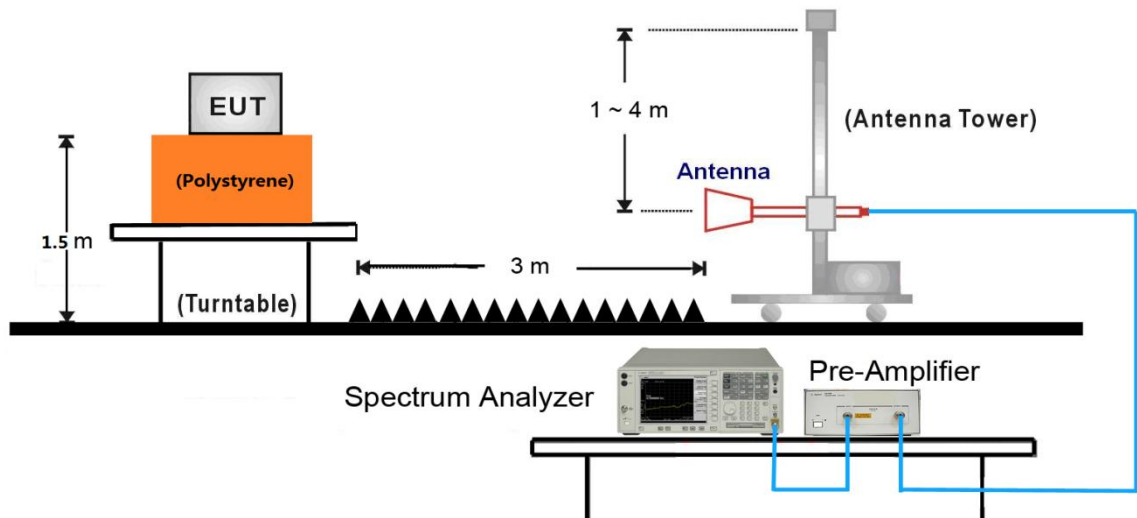
##### 9kHz ~30MHz Test Setup:



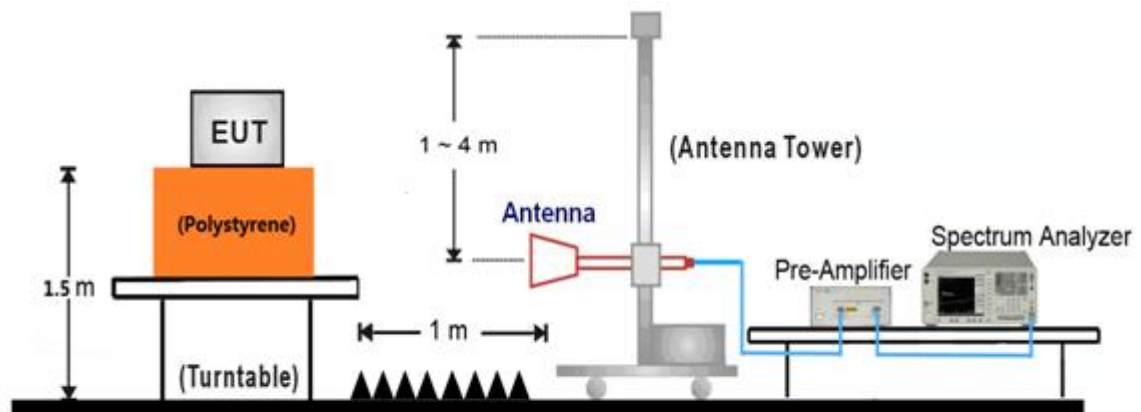
##### 30MHz ~ 1GHz Test Setup:



### 1GHz ~18GHz Test Setup:



### 18GHz ~40GHz Test Setup:



### 7.8.5. Test Result

Product	G-140W-C	Temperature	26°C
Test Engineer	Dandy Li	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/12/08
Test Mode:	802.11a - Ant 0 + 1	Test Channel:	36
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
	8429.0	32.4	13.9	46.3	74.0	-27.7	Peak	Horizontal
*	10367.0	34.9	18.6	53.5	68.2	-14.7	Peak	Horizontal
*	12959.5	30.1	21.3	51.4	68.2	-16.8	Peak	Horizontal
	15535.0	38.0	21.5	59.5	74.0	-14.5	Peak	Horizontal
	15535.0	26.4	21.5	47.9	54.0	-6.1	Average	Horizontal
	8429.0	32.4	13.9	46.3	74.0	-27.7	Peak	Vertical
*	10350.0	41.6	18.5	60.1	68.2	-8.1	Peak	Vertical
*	13121.0	29.8	21.5	51.3	68.2	-16.9	Peak	Vertical
	15543.5	45.7	21.5	67.2	74.0	-6.8	Peak	Vertical
	15543.5	31.6	21.5	53.1	54.0	-0.9	Average	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)

Product	G-140W-C	Temperature	26°C
Test Engineer	Dandy Li	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/12/08
Test Mode:	802.11a - Ant 0 + 1	Test Channel:	44
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
	8267.5	31.9	14.0	45.9	74.0	-28.1	Peak	Horizontal
*	10171.5	31.9	17.9	49.8	68.2	-18.4	Peak	Horizontal
*	13121.0	29.8	21.5	51.3	68.2	-16.9	Peak	Horizontal
	15662.5	40.6	21.2	61.8	74.0	-12.2	Peak	Horizontal
	15662.5	27.1	21.2	48.3	54.0	-5.7	Average	Horizontal
	8395.0	33.0	13.8	46.8	74.0	-27.2	Peak	Vertical
*	10435.0	39.5	18.4	57.9	68.2	-10.3	Peak	Vertical
*	12976.5	30.2	21.4	51.6	68.2	-16.6	Peak	Vertical
	15671.0	47.2	21.1	68.3	74.0	-5.7	Peak	Vertical
	15671.0	31.9	21.1	53.0	54.0	-1.0	Average	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)

Product	G-140W-C	Temperature	26°C
Test Engineer	Dandy Li	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/12/08
Test Mode:	802.11a - Ant 0 + 1	Test Channel:	48
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
	8208.0	32.0	14.1	46.1	74.0	-27.9	Peak	Horizontal
*	10477.5	33.7	18.8	52.5	68.2	-15.7	Peak	Horizontal
*	12976.5	30.2	21.4	51.6	68.2	-16.6	Peak	Horizontal
	15722.0	39.1	21.4	60.5	74.0	-13.5	Peak	Horizontal
	15722.0	25.3	21.4	46.7	54.0	-7.3	Average	Horizontal
	8208.0	32.0	14.1	46.1	74.0	-27.9	Peak	Vertical
*	10477.5	37.9	18.8	56.7	68.2	-11.5	Peak	Vertical
*	12721.5	30.5	20.4	50.9	68.2	-17.3	Peak	Vertical
	15722.0	42.5	21.4	63.9	74.0	-10.1	Peak	Vertical
	15722.0	31.0	21.4	52.4	54.0	-1.6	Average	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)



Product	G-140W-C	Temperature	26°C
Test Engineer	Dandy Li	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/06/29
Test Mode:	802.11a - Ant 0 + 1	Test Channel:	52
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
	8131.5	31.9	14.5	46.4	74.0	-27.6	Peak	Horizontal
*	10222.5	31.6	18.1	49.7	68.2	-18.5	Peak	Horizontal
*	12721.5	30.5	20.4	50.9	68.2	-17.3	Peak	Horizontal
	15773.0	37.2	21.5	58.7	74.0	-15.3	Peak	Horizontal
	15773.0	23.3	21.5	44.8	54.0	-9.2	Average	Horizontal
	8488.5	32.9	14.1	47.0	74.0	-27.0	Peak	Vertical
*	7162.5	40.9	13.7	54.6	68.2	-13.6	Peak	Vertical
*	10520.0	37.9	18.9	56.8	68.2	-11.4	Peak	Vertical
	15781.5	37.5	21.5	59.0	74.0	-15.0	Peak	Vertical
	15781.5	24.6	21.5	46.1	54.0	-7.9	Average	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)

Product	G-140W-C	Temperature	26°C
Test Engineer	Dandy Li	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/06/29
Test Mode:	802.11a - Ant 0 + 1	Test Channel:	60
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
*	7162.5	35.8	13.7	49.5	68.2	-18.7	Peak	Horizontal
*	8692.5	31.3	14.6	45.9	68.2	-22.3	Peak	Horizontal
	11599.5	32.6	20.7	53.3	74.0	-20.7	Peak	Horizontal
	15892.0	35.2	21.5	56.7	74.0	-17.3	Peak	Horizontal
	15892.0	22.5	21.5	44.0	54.0	-10.0	Average	Horizontal
*	7162.5	34.9	13.7	48.6	68.2	-19.6	Peak	Vertical
*	8692.5	32.6	14.6	47.2	68.2	-21.0	Peak	Vertical
	10605.0	35.6	18.9	54.5	74.0	-19.5	Peak	Vertical
	10605.0	25.2	18.9	44.1	54.0	-9.9	Average	Vertical
	15900.5	41.7	21.5	63.2	74.0	-10.8	Peak	Vertical
	15900.5	29.0	21.5	50.5	54.0	-3.5	Average	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)

Product	G-140W-C	Temperature	26°C
Test Engineer	Dandy Li	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/06/29
Test Mode:	802.11a - Ant 0 + 1	Test Channel:	64
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
*	7162.5	34.9	13.7	48.6	68.2	-19.6	Peak	Horizontal
*	8735.0	31.8	14.6	46.4	68.2	-21.8	Peak	Horizontal
	10707.0	32.1	19.3	51.4	74.0	-22.6	Peak	Horizontal
	15968.5	34.8	21.4	56.2	74.0	-17.8	Peak	Horizontal
	15968.5	23.9	21.4	45.3	54.0	-8.7	Average	Horizontal
*	7162.5	38.9	13.7	52.6	68.2	-15.6	Peak	Vertical
*	8735.0	31.8	14.6	46.4	68.2	-21.8	Peak	Vertical
	11684.5	29.8	20.6	50.4	74.0	-23.6	Peak	Vertical
	15960.0	34.5	21.4	55.9	74.0	-18.1	Peak	Vertical
	15960.0	22.9	21.4	44.3	54.0	-9.7	Average	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)

Product	G-140W-C	Temperature	26°C
Test Engineer	Dandy Li	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/06/29
Test Mode:	802.11a - Ant 0 + 1	Test Channel:	100
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
*	7162.5	36.6	13.7	50.3	68.2	-17.9	Peak	Horizontal
*	8692.5	33.7	14.6	48.3	68.2	-19.9	Peak	Horizontal
	11684.5	29.8	20.6	50.4	74.0	-23.6	Peak	Horizontal
	12466.5	31.1	20.0	51.1	74.0	-22.9	Peak	Horizontal
*	7162.5	40.1	13.7	53.8	68.2	-14.4	Peak	Vertical
*	8718.0	32.1	14.6	46.7	68.2	-21.5	Peak	Vertical
	11004.5	34.5	19.9	54.4	74.0	-19.6	Peak	Vertical
	11004.5	24.7	19.9	44.6	54.0	-9.4	Average	Vertical
	12466.5	31.1	20.0	51.1	74.0	-22.9	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)

Product	G-140W-C	Temperature	26°C
Test Engineer	Dandy Li	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/06/29
Test Mode:	802.11a - Ant 0 + 1	Test Channel:	120
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
*	7162.5	38.5	13.7	52.2	68.2	-16.0	Peak	Horizontal
*	8743.5	32.7	14.7	47.4	68.2	-20.8	Peak	Horizontal
	11217.0	28.7	20.2	48.9	74.0	-25.1	Peak	Horizontal
	12135.0	29.8	20.4	50.2	74.0	-23.8	Peak	Horizontal
*	7162.5	38.6	13.7	52.3	68.2	-15.9	Peak	Vertical
*	8718.0	32.7	14.6	47.3	68.2	-20.9	Peak	Vertical
	11200.0	34.0	20.3	54.3	74.0	-19.7	Peak	Vertical
	11200.0	24.7	20.3	45.0	54.0	-9.0	Average	Vertical
	12135.0	29.8	20.4	50.2	74.0	-23.8	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)

Product	G-140W-C	Temperature	26°C
Test Engineer	Dandy Li	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/06/29
Test Mode:	802.11a - Ant 0 + 1	Test Channel:	140
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
*	7060.5	33.9	13.0	46.9	68.2	-21.3	Peak	Horizontal
*	8718.0	32.7	14.6	47.3	68.2	-20.9	Peak	Horizontal
	10979.0	30.8	20.0	50.8	74.0	-23.2	Peak	Horizontal
	11803.5	30.7	20.1	50.8	74.0	-23.2	Peak	Horizontal
*	7162.5	34.8	13.7	48.5	68.2	-19.7	Peak	Vertical
*	8616.0	31.5	14.3	45.8	68.2	-22.4	Peak	Vertical
	11404.0	36.5	20.3	56.8	74.0	-17.2	Peak	Vertical
	11404.0	22.7	20.3	43.0	54.0	-11.0	Average	Vertical
	12271.0	31.2	20.1	51.3	74.0	-22.7	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)

Product	G-140W-C	Temperature	26°C
Test Engineer	Dandy Li	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/06/29
Test Mode:	802.11a - Ant 0 + 1	Test Channel:	144
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
*	7162.5	36.5	13.7	50.2	68.2	-18.0	Peak	Horizontal
*	8616.0	31.5	14.3	45.8	68.2	-22.4	Peak	Horizontal
	10792.0	31.8	19.7	51.5	74.0	-22.5	Peak	Horizontal
	11761.0	30.9	20.6	51.5	74.0	-22.5	Peak	Horizontal
*	7162.5	40.0	13.7	53.7	68.2	-14.5	Peak	Vertical
*	8718.0	32.5	14.6	47.1	68.2	-21.1	Peak	Vertical
	11446.5	36.8	20.5	57.3	74.0	-16.7	Peak	Vertical
	11446.5	23.5	20.5	44.0	54.0	-10.0	Average	Vertical
	12271.0	31.0	20.1	51.1	74.0	-22.9	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)

Product	G-140W-C	Temperature	26°C
Test Engineer	Dandy Li	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/12/08
Test Mode:	802.11a - Ant 0 + 1	Test Channel:	149
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
*	7162.5	37.6	13.7	51.3	68.2	-16.9	Peak	Horizontal
	8369.5	32.6	13.8	46.4	74.0	-27.6	Peak	Horizontal
	11489.0	43.8	20.6	64.4	74.0	-9.6	Peak	Horizontal
	11489.0	29.7	20.6	50.3	54.0	-3.7	Average	Horizontal
*	17243.5	38.1	26.7	64.8	68.2	-3.4	Peak	Horizontal
*	7162.5	38.2	13.7	51.9	68.2	-16.3	Peak	Vertical
*	8998.5	32.5	14.7	47.2	68.2	-21.0	Peak	Vertical
	11489.0	48.2	20.6	68.8	74.0	-5.2	Peak	Vertical
	11489.0	32.6	20.6	53.2	54.0	-0.8	Average	Vertical
	12424.0	31.3	19.9	51.2	74.0	-22.8	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)



Product	G-140W-C	Temperature	26°C
Test Engineer	Dandy Li	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/12/08
Test Mode:	802.11a - Ant 0 + 1	Test Channel:	157
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
*	7162.5	36.8	13.7	50.5	68.2	-17.7	Peak	Horizontal
	8480.0	32.0	14.1	46.1	74.0	-27.9	Peak	Horizontal
	11565.5	43.3	20.8	64.1	74.0	-9.9	Peak	Horizontal
	11565.5	29.2	20.8	50.0	54.0	-4.0	Average	Horizontal
*	17354.0	39.5	27.2	66.7	68.2	-1.5	Peak	Horizontal
*	7162.5	39.4	13.7	53.1	68.2	-15.1	Peak	Vertical
	8480.0	32.0	14.1	46.1	74.0	-27.9	Peak	Vertical
	11574.0	48.4	20.8	69.2	74.0	-4.8	Peak	Vertical
	11574.0	32.6	20.8	53.4	54.0	-0.6	Average	Vertical
*	17362.5	38.8	27.1	65.9	68.2	-2.3	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)

Product	G-140W-C	Temperature	26°C
Test Engineer	Dandy Li	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/12/08
Test Mode:	802.11a - Ant 0 + 1	Test Channel:	165
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
*	7162.5	36.8	13.7	50.5	68.2	-17.7	Peak	Horizontal
	8293.0	31.7	13.9	45.6	74.0	-28.4	Peak	Horizontal
	11650.5	41.6	21.0	62.6	74.0	-11.4	Peak	Horizontal
	11650.5	28.4	21.0	49.4	54.0	-4.6	Average	Horizontal
*	17464.5	38.9	27.2	66.1	68.2	-2.1	Peak	Horizontal
*	7162.5	40.4	13.7	54.1	68.2	-14.1	Peak	Vertical
	8293.0	31.7	13.9	45.6	74.0	-28.4	Peak	Vertical
	11650.5	50.3	21.0	71.3	74.0	-2.7	Peak	Vertical
	11650.5	32.2	21.0	53.2	54.0	-0.8	Average	Vertical
*	17481.5	34.7	27.3	62.0	68.2	-6.2	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)

Product	G-140W-C	Temperature	26°C
Test Engineer	Dandy Li	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/12/08
Test Mode:	802.11n-HT20 - Ant 0 + 1	Test Channel:	36
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
*	7162.5	36.1	13.7	49.8	68.2	-18.4	Peak	Horizontal
*	8760.5	32.0	14.8	46.8	68.2	-21.4	Peak	Horizontal
	11353.0	29.1	20.5	49.6	74.0	-24.4	Peak	Horizontal
	15543.5	39.5	21.5	61.0	74.0	-13.0	Peak	Horizontal
	15543.5	24.6	21.5	46.1	54.0	-7.9	Average	Horizontal
*	7162.5	40.4	13.7	54.1	68.2	-14.1	Peak	Vertical
	8242.0	32.0	14.2	46.2	74.0	-27.8	Peak	Vertical
*	10358.5	42.6	18.5	61.1	68.2	-7.1	Peak	Vertical
	15543.5	49.0	21.5	70.5	74.0	-3.5	Peak	Vertical
	15543.5	32.0	21.5	53.5	54.0	-0.5	Average	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)

Product	G-140W-C	Temperature	26°C
Test Engineer	Dandy Li	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/12/08
Test Mode:	802.11n-HT20 - Ant 0 + 1	Test Channel:	44
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
*	7154.0	36.6	13.7	50.3	68.2	-17.9	Peak	Horizontal
*	10443.5	34.9	18.4	53.3	68.2	-14.9	Peak	Horizontal
	11633.5	30.6	21.0	51.6	74.0	-22.4	Peak	Horizontal
	15662.5	40.6	21.2	61.8	74.0	-12.2	Peak	Horizontal
	15662.5	25.3	21.2	46.5	54.0	-7.5	Average	Horizontal
*	7188.0	35.7	13.9	49.6	68.2	-18.6	Peak	Vertical
*	10443.5	39.6	18.4	58.0	68.2	-10.2	Peak	Vertical
	11633.5	30.6	21.0	51.6	74.0	-22.4	Peak	Vertical
	15654.0	47.3	21.2	68.5	74.0	-5.5	Peak	Vertical
	15654.0	32.0	21.2	53.2	54.0	-0.8	Average	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)

Product	G-140W-C	Temperature	26°C
Test Engineer	Dandy Li	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/12/08
Test Mode:	802.11n-HT20 - Ant 0 + 1	Test Channel:	48
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
*	7162.5	35.9	13.7	49.6	68.2	-18.6	Peak	Horizontal
*	8990.0	32.5	14.8	47.3	68.2	-20.9	Peak	Horizontal
	11166.0	30.8	20.5	51.3	74.0	-22.7	Peak	Horizontal
	15713.5	40.8	21.3	62.1	74.0	-11.9	Peak	Horizontal
	15713.5	26.8	21.3	48.1	54.0	-5.9	Average	Horizontal
*	7162.5	38.1	13.7	51.8	68.2	-16.4	Peak	Vertical
*	10477.5	39.9	18.8	58.7	68.2	-9.5	Peak	Vertical
	11302.0	30.9	20.3	51.2	74.0	-22.8	Peak	Vertical
	15713.5	46.7	21.3	68.0	74.0	-6.0	Peak	Vertical
	15713.5	32.1	21.3	53.4	54.0	-0.6	Average	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)

Product	G-140W-C	Temperature	26°C
Test Engineer	Dandy Li	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/06/29
Test Mode:	802.11n-HT20 - Ant 0 + 1	Test Channel:	52
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
*	7162.5	35.4	13.7	49.1	68.2	-19.1	Peak	Horizontal
*	9678.5	33.1	16.4	49.5	68.2	-18.7	Peak	Horizontal
	11302.0	30.9	20.3	51.2	74.0	-22.8	Peak	Horizontal
	15781.5	36.5	21.5	58.0	74.0	-16.0	Peak	Horizontal
	15781.5	22.5	21.5	44.0	54.0	-10.0	Average	Horizontal
*	7162.5	39.9	13.7	53.6	68.2	-14.6	Peak	Vertical
*	10520.0	38.6	18.9	57.5	68.2	-10.7	Peak	Vertical
	11140.5	30.5	20.2	50.7	74.0	-23.3	Peak	Vertical
	15781.5	42.1	21.5	63.6	74.0	-10.4	Peak	Vertical
	15781.5	28.6	21.5	50.1	54.0	-3.9	Average	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)

Product	G-140W-C	Temperature	26°C
Test Engineer	Dandy Li	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/06/29
Test Mode:	802.11n-HT20 - Ant 0 + 1	Test Channel:	60
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
*	7162.5	35.9	13.7	49.6	68.2	-18.6	Peak	Horizontal
*	8735.0	32.7	14.6	47.3	68.2	-20.9	Peak	Horizontal
	11140.5	30.5	20.2	50.7	74.0	-23.3	Peak	Horizontal
	15900.5	35.6	21.5	57.1	74.0	-16.9	Peak	Horizontal
	15900.5	22.1	21.5	43.6	54.0	-10.4	Average	Horizontal
*	7162.5	38.5	13.7	52.2	68.2	-16.0	Peak	Vertical
*	10596.5	35.1	19.0	54.1	68.2	-14.1	Peak	Vertical
	11540.0	31.3	20.9	52.2	74.0	-21.8	Peak	Vertical
	15900.5	42.7	21.5	64.2	74.0	-9.8	Peak	Vertical
	15900.5	28.8	21.5	50.3	54.0	-3.7	Average	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)

Product	G-140W-C	Temperature	26°C
Test Engineer	Dandy Li	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/06/29
Test Mode:	802.11n-HT20 - Ant 0 + 1	Test Channel:	64
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
*	7162.5	35.6	13.7	49.3	68.2	-18.9	Peak	Horizontal
*	8658.5	32.7	14.4	47.1	68.2	-21.1	Peak	Horizontal
	11540.0	31.3	20.9	52.2	74.0	-21.8	Peak	Horizontal
	15960.0	35.1	21.4	56.5	74.0	-17.5	Peak	Horizontal
	15960.0	23.0	21.4	44.4	54.0	-9.6	Average	Horizontal
*	7162.5	39.6	13.7	53.3	68.2	-14.9	Peak	Vertical
*	8658.5	32.7	14.4	47.1	68.2	-21.1	Peak	Vertical
	11480.5	31.0	20.6	51.6	74.0	-22.4	Peak	Vertical
	15960.0	34.3	21.4	55.7	74.0	-18.3	Peak	Vertical
	15960.0	21.6	21.4	43.0	54.0	-11.0	Average	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)



Product	G-140W-C	Temperature	26°C
Test Engineer	Dandy Li	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/06/29
Test Mode:	802.11n-HT20 - Ant 0 + 1	Test Channel:	100
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
*	7162.5	35.5	13.7	49.2	68.2	-19.0	Peak	Horizontal
*	8786.0	33.0	14.9	47.9	68.2	-20.3	Peak	Horizontal
	11480.5	31.0	20.6	51.6	74.0	-22.4	Peak	Horizontal
	12279.5	31.0	20.1	51.1	74.0	-22.9	Peak	Horizontal
*	7162.5	36.0	13.7	49.7	68.2	-18.5	Peak	Vertical
*	16504.0	39.4	22.6	62.0	68.2	-6.2	Peak	Vertical
	11004.5	35.2	19.9	55.1	74.0	-18.9	Peak	Vertical
	11004.5	22.3	19.9	42.2	54.0	-11.8	Average	Vertical
	12016.0	30.5	20.4	50.9	74.0	-23.1	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)

Product	G-140W-C	Temperature	26°C
Test Engineer	Dandy Li	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/06/29
Test Mode:	802.11n-HT20 - Ant 0 + 1	Test Channel:	120
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
*	7162.5	37.1	13.7	50.8	68.2	-17.4	Peak	Horizontal
*	8990.0	32.6	14.8	47.4	68.2	-20.8	Peak	Horizontal
	11718.5	32.4	20.5	52.9	74.0	-21.1	Peak	Horizontal
	12611.0	31.5	20.4	51.9	74.0	-22.1	Peak	Horizontal
*	7162.5	39.2	13.7	52.9	68.2	-15.3	Peak	Vertical
*	8709.5	33.3	14.6	47.9	68.2	-20.3	Peak	Vertical
	11200.0	32.7	20.3	53.0	74.0	-21.0	Peak	Vertical
	12288.0	31.1	20.1	51.2	74.0	-22.8	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)

Product	G-140W-C	Temperature	26°C
Test Engineer	Dandy Li	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/06/29
Test Mode:	802.11n-HT20 - Ant 0 + 1	Test Channel:	140
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
*	7162.5	36.1	13.7	49.8	68.2	-18.4	Peak	Horizontal
*	8667.0	32.9	14.4	47.3	68.2	-20.9	Peak	Horizontal
	11404.0	32.3	20.3	52.6	74.0	-21.4	Peak	Horizontal
	12288.0	31.1	20.1	51.2	74.0	-22.8	Peak	Horizontal
*	7179.5	36.9	13.9	50.8	68.2	-17.4	Peak	Vertical
*	8667.0	32.9	14.4	47.3	68.2	-20.9	Peak	Vertical
	11404.0	35.0	20.3	55.3	74.0	-18.7	Peak	Vertical
	11404.0	22.8	20.3	43.1	54.0	-10.9	Average	Vertical
	12611.0	30.4	20.4	50.8	74.0	-23.2	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)

Product	G-140W-C	Temperature	26°C
Test Engineer	Dandy Li	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/06/29
Test Mode:	802.11n-HT20 - Ant 0 + 1	Test Channel:	144
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
*	7162.5	34.6	13.7	48.3	68.2	-19.9	Peak	Horizontal
*	8718.0	33.1	14.6	47.7	68.2	-20.5	Peak	Horizontal
	11531.5	30.4	20.8	51.2	74.0	-22.8	Peak	Horizontal
	12611.0	30.4	20.4	50.8	74.0	-23.2	Peak	Horizontal
*	7162.5	38.7	13.7	52.4	68.2	-15.8	Peak	Vertical
*	8718.0	33.1	14.6	47.7	68.2	-20.5	Peak	Vertical
	11429.5	34.1	20.3	54.4	74.0	-19.6	Peak	Vertical
	11429.5	22.2	20.3	42.5	54.0	-11.5	Average	Horizontal
	12696.0	30.5	20.4	50.9	74.0	-23.1	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)

Product	G-140W-C	Temperature	26°C
Test Engineer	Dandy Li	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/12/08
Test Mode:	802.11n-HT20 - Ant 0 + 1	Test Channel:	149
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
*	7162.5	36.2	13.7	49.9	68.2	-18.3	Peak	Horizontal
	8131.5	31.8	14.5	46.3	74.0	-27.7	Peak	Horizontal
	11480.5	45.0	20.6	65.6	74.0	-8.4	Peak	Horizontal
	11480.5	30.4	20.6	51.0	54.0	-3.0	Average	Horizontal
*	17243.5	38.8	26.7	65.5	68.2	-2.7	Peak	Horizontal
*	7162.5	36.2	13.7	49.9	68.2	-18.3	Peak	Vertical
	8480.0	32.2	14.1	46.3	74.0	-27.7	Peak	Vertical
	11489.0	50.0	20.6	70.6	74.0	-3.4	Peak	Vertical
	11489.0	32.8	20.6	53.4	54.0	-0.6	Average	Horizontal
*	17235.0	37.9	26.5	64.4	68.2	-3.8	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)

Product	G-140W-C	Temperature	26°C
Test Engineer	Dandy Li	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/12/08
Test Mode:	802.11n-HT20 - Ant 0 + 1	Test Channel:	157
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
*	7162.5	38.9	13.7	52.6	68.2	-15.6	Peak	Horizontal
	8480.0	32.2	14.1	46.3	74.0	-27.7	Peak	Horizontal
	11574.0	51.8	20.8	72.6	74.0	-1.4	Peak	Horizontal
	11574.0	32.6	20.8	53.4	54.0	-0.6	Average	Horizontal
*	17345.5	38.2	27.0	65.2	68.2	-3.0	Peak	Horizontal
*	7162.5	35.2	13.7	48.9	68.2	-19.3	Peak	Vertical
	8463.0	32.1	13.9	46.0	74.0	-28.0	Peak	Vertical
	11565.5	44.3	20.8	65.1	74.0	-8.9	Peak	Vertical
	11565.5	30.2	20.8	51.0	54.0	-3.0	Average	Vertical
*	17362.5	39.4	27.1	66.5	68.2	-1.7	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)

Product	G-140W-C	Temperature	26°C
Test Engineer	Dandy Li	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/12/08
Test Mode:	802.11n-HT20 - Ant 0 + 1	Test Channel:	165
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
*	7162.5	38.9	13.7	52.6	68.2	-15.6	Peak	Horizontal
	8454.5	32.4	13.9	46.3	74.0	-27.7	Peak	Horizontal
	11650.5	46.6	21.0	67.6	74.0	-6.4	Peak	Horizontal
	11650.5	29.5	21.0	50.5	54.0	-3.5	Average	Horizontal
*	17473.0	40.3	27.2	67.5	68.2	-0.7	Peak	Horizontal
*	7162.5	38.0	13.7	51.7	68.2	-16.5	Peak	Vertical
	8454.5	32.4	13.9	46.3	74.0	-27.7	Peak	Vertical
	11659.0	49.4	20.9	70.3	74.0	-3.7	Peak	Vertical
	11659.0	30.3	20.9	51.2	54.0	-2.8	Average	Vertical
*	17473.0	37.6	27.2	64.8	68.2	-3.4	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)

Product	G-140W-C	Temperature	26°C
Test Engineer	Dandy Li	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/12/08
Test Mode:	802.11n-HT40 - Ant 0 + 1	Test Channel:	38
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
*	7162.5	38.0	13.7	51.7	68.2	-16.5	Peak	Horizontal
*	8828.5	33.1	14.9	48.0	68.2	-20.2	Peak	Horizontal
	11429.5	30.5	20.3	50.8	74.0	-23.2	Peak	Horizontal
	12101.0	32.1	20.5	52.6	74.0	-21.4	Peak	Horizontal
*	7162.5	34.0	13.7	47.7	68.2	-20.5	Peak	Vertical
*	10401.0	32.9	18.7	51.6	68.2	-16.6	Peak	Vertical
	11234.0	30.9	20.3	51.2	74.0	-22.8	Peak	Vertical
	12101.0	32.7	20.5	53.2	74.0	-20.8	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)



Product	G-140W-C	Temperature	26°C
Test Engineer	Dandy Li	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/06/29
Test Mode:	802.11n-HT40 - Ant 0 + 1	Test Channel:	46
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
*	7162.5	35.4	13.7	49.1	68.2	-19.1	Peak	Horizontal
*	8845.5	32.6	14.8	47.4	68.2	-20.8	Peak	Horizontal
	11438.0	30.9	20.4	51.3	74.0	-22.7	Peak	Horizontal
	15679.5	38.1	21.1	59.2	74.0	-14.8	Peak	Horizontal
	15679.5	23.1	21.1	44.2	54.0	-9.8	Average	Horizontal
*	7162.5	38.5	13.7	52.2	68.2	-16.0	Peak	Vertical
*	10460.5	39.8	18.6	58.4	68.2	-9.8	Peak	Vertical
	12101.0	32.7	20.5	53.2	74.0	-20.8	Peak	Vertical
	15679.5	44.3	21.1	65.4	74.0	-8.6	Peak	Vertical
	15679.5	32.1	21.1	53.2	54.0	-0.8	Average	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)

Product	G-140W-C	Temperature	26°C
Test Engineer	Dandy Li	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/06/29
Test Mode:	802.11n-HT40 - Ant 0 + 1	Test Channel:	54
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
*	7162.5	38.1	13.7	51.8	68.2	-16.4	Peak	Horizontal
*	10520.0	33.1	18.9	52.0	68.2	-16.2	Peak	Horizontal
	11659.0	31.7	20.9	52.6	74.0	-21.4	Peak	Horizontal
	15815.5	37.0	21.6	58.6	74.0	-15.4	Peak	Horizontal
	15815.5	23.6	21.6	45.2	54.0	-8.8	Average	Horizontal
*	7162.5	38.1	13.7	51.8	68.2	-16.4	Peak	Vertical
*	10537.0	36.0	18.9	54.9	68.2	-13.3	Peak	Vertical
	11438.0	30.9	20.4	51.3	74.0	-22.7	Peak	Vertical
	15815.5	44.7	21.6	66.3	74.0	-7.7	Peak	Vertical
	15815.5	31.7	21.6	53.3	54.0	-0.7	Average	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)

Product	G-140W-C	Temperature	26°C
Test Engineer	Dandy Li	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/06/29
Test Mode:	802.11n-HT40 - Ant 0 + 1	Test Channel:	62
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
*	7103.0	32.6	13.5	46.1	68.2	-22.1	Peak	Horizontal
*	8701.0	31.9	14.6	46.5	68.2	-21.7	Peak	Horizontal
	11659.0	31.7	20.9	52.6	74.0	-21.4	Peak	Horizontal
	12220.0	30.8	20.3	51.1	74.0	-22.9	Peak	Horizontal
*	7162.5	39.8	13.7	53.5	68.2	-14.7	Peak	Vertical
*	8760.5	32.4	14.8	47.2	68.2	-21.0	Peak	Vertical
	11166.0	31.6	20.5	52.1	74.0	-21.9	Peak	Vertical
	12220.0	30.8	20.3	51.1	74.0	-22.9	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)

Product	G-140W-C	Temperature	26°C
Test Engineer	Dandy Li	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/06/29
Test Mode:	802.11n-HT40 - Ant 0 + 1	Test Channel:	102
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
*	7162.5	36.2	13.7	49.9	68.2	-18.3	Peak	Horizontal
*	8760.5	32.4	14.8	47.2	68.2	-21.0	Peak	Horizontal
	11030.0	32.2	19.8	52.0	74.0	-22.0	Peak	Horizontal
	12041.5	31.2	20.3	51.5	74.0	-22.5	Peak	Horizontal
*	7162.5	38.6	13.7	52.3	68.2	-15.9	Peak	Vertical
*	8990.0	32.5	14.8	47.3	68.2	-20.9	Peak	Vertical
	11030.0	33.8	19.8	53.6	74.0	-20.4	Peak	Vertical
	12041.5	31.2	20.3	51.5	74.0	-22.5	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)

Product	G-140W-C	Temperature	26°C
Test Engineer	Dandy Li	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/06/29
Test Mode:	802.11n-HT40 - Ant 0 + 1	Test Channel:	118
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
*	7162.5	37.2	13.7	50.9	68.2	-17.3	Peak	Horizontal
*	8684.0	33.3	14.5	47.8	68.2	-20.4	Peak	Horizontal
	11183.0	32.7	20.4	53.1	74.0	-20.9	Peak	Horizontal
	12033.0	31.4	20.3	51.7	74.0	-22.3	Peak	Horizontal
*	7162.5	39.4	13.7	53.1	68.2	-15.1	Peak	Vertical
*	8973.0	32.1	14.8	46.9	68.2	-21.3	Peak	Vertical
	11200.0	36.8	20.3	57.1	74.0	-16.9	Peak	Vertical
	11200.0	22.9	20.3	43.2	54.0	-10.8	Average	Vertical
	12500.5	32.3	20.2	52.5	74.0	-21.5	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)

Product	G-140W-C	Temperature	26°C
Test Engineer	Dandy Li	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/06/29
Test Mode:	802.11n-HT40 - Ant 0 + 1	Test Channel:	134
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
*	7162.5	34.0	13.7	47.7	68.2	-20.5	Peak	Horizontal
*	8769.0	33.3	14.8	48.1	68.2	-20.1	Peak	Horizontal
	11421.0	36.2	20.3	56.5	74.0	-17.5	Peak	Horizontal
	11421.0	23.6	20.3	43.9	54.0	-10.1	Average	Horizontal
	12551.5	31.2	20.0	51.2	74.0	-22.8	Peak	Horizontal
*	7162.5	39.9	13.7	53.6	68.2	-14.6	Peak	Vertical
*	8616.0	33.0	14.3	47.3	68.2	-20.9	Peak	Vertical
	11412.5	40.5	20.3	60.8	74.0	-13.2	Peak	Vertical
	11412.5	26.6	20.3	46.9	54.0	-7.1	Average	Vertical
	12220.0	30.7	20.3	51.0	74.0	-23.0	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)

Product	G-140W-C	Temperature	26°C
Test Engineer	Dandy Li	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/06/29
Test Mode:	802.11n-HT40 - Ant 0 + 1	Test Channel:	142
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
*	7162.5	34.0	13.7	47.7	68.2	-20.5	Peak	Horizontal
*	8769.0	33.3	14.8	48.1	68.2	-20.1	Peak	Horizontal
	11421.0	36.2	20.3	56.5	74.0	-17.5	Peak	Horizontal
	11421.0	23.6	20.3	43.9	54.0	-10.1	Average	Horizontal
	12551.5	31.2	20.0	51.2	74.0	-22.8	Peak	Horizontal
*	7162.5	39.9	13.7	53.6	68.2	-14.6	Peak	Vertical
*	8616.0	33.0	14.3	47.3	68.2	-20.9	Peak	Vertical
	11412.5	40.5	20.3	60.8	74.0	-13.2	Peak	Vertical
	11412.5	26.6	20.3	46.9	54.0	-7.1	Average	Vertical
	12220.0	30.7	20.3	51.0	74.0	-23.0	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)

Product	G-140W-C	Temperature	26°C
Test Engineer	Dandy Li	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/12/08
Test Mode:	802.11n-HT40 - Ant 0 + 1	Test Channel:	151
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
*	7162.5	37.2	13.7	50.9	68.2	-17.3	Peak	Horizontal
*	8854.0	32.4	14.8	47.2	68.2	-21.0	Peak	Horizontal
	11506.0	40.6	20.6	61.2	74.0	-12.8	Peak	Horizontal
	11506.0	29.9	20.6	50.5	54.0	-3.5	Average	Horizontal
	12509.0	31.5	20.2	51.7	74.0	-22.3	Peak	Horizontal
*	7162.5	38.8	13.7	52.5	68.2	-15.7	Peak	Vertical
*	8837.0	32.0	14.8	46.8	68.2	-21.4	Peak	Vertical
	11531.5	45.8	20.8	66.6	74.0	-7.4	Peak	Vertical
	11531.5	32.7	20.8	53.5	54.0	-0.5	Average	Vertical
	12143.5	31.9	20.4	52.3	74.0	-21.7	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)



Product	G-140W-C	Temperature	26°C
Test Engineer	Dandy Li	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/12/08
Test Mode:	802.11n-HT40 - Ant 0 + 1	Test Channel:	159
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
*	7162.5	37.0	13.7	50.7	68.2	-17.5	Peak	Horizontal
*	8684.0	33.6	14.5	48.1	68.2	-20.1	Peak	Horizontal
	11591.0	39.1	20.7	59.8	74.0	-14.2	Peak	Horizontal
	11591.0	26.5	20.7	47.2	54.0	-6.8	Average	Horizontal
	12500.5	30.8	20.2	51.0	74.0	-23.0	Peak	Horizontal
*	7162.5	39.8	13.7	53.5	68.2	-14.7	Peak	Vertical
*	8650.0	34.0	14.3	48.3	68.2	-19.9	Peak	Vertical
	11599.5	46.7	20.7	67.4	74.0	-6.6	Peak	Vertical
	11599.5	32.6	20.7	53.3	54.0	-0.7	Average	Vertical
	12279.5	30.3	20.1	50.4	74.0	-23.6	Peak	Vertical
*	7162.5	37.0	13.7	50.7	68.2	-17.5	Peak	Horizontal

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)

Product	G-140W-C	Temperature	26°C
Test Engineer	Dandy Li	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/12/08
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Channel:	36
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
*	7162.5	38.0	13.7	51.7	68.2	-16.5	Peak	Horizontal
*	10358.5	33.9	18.5	52.4	68.2	-15.8	Peak	Horizontal
	11276.5	31.7	20.6	52.3	74.0	-21.7	Peak	Horizontal
	15535.0	40.8	21.5	62.3	74.0	-11.7	Peak	Horizontal
	15535.0	27.6	21.5	49.1	54.0	-4.9	Average	Horizontal
*	7162.5	38.0	13.7	51.7	68.2	-16.5	Peak	Vertical
*	10358.5	42.3	18.5	60.8	68.2	-7.4	Peak	Vertical
	12500.5	30.8	20.2	51.0	74.0	-23.0	Peak	Vertical
	15543.5	44.9	21.5	66.4	74.0	-7.6	Peak	Vertical
	15543.5	31.7	21.5	53.2	54.0	-0.8	Average	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)

Product	G-140W-C	Temperature	26°C
Test Engineer	Dandy Li	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/12/08
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Channel:	44
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
*	7162.5	38.6	13.7	52.3	68.2	-15.9	Peak	Horizontal
*	8684.0	33.6	14.5	48.1	68.2	-20.1	Peak	Horizontal
	11242.5	30.8	20.4	51.2	74.0	-22.8	Peak	Horizontal
	15654.0	39.9	21.2	61.1	74.0	-12.9	Peak	Horizontal
	15654.0	26.0	21.2	47.2	54.0	-6.8	Average	Horizontal
*	7162.5	38.6	13.7	52.3	68.2	-15.9	Peak	Vertical
*	10435.0	35.1	18.4	53.5	68.2	-14.7	Peak	Vertical
	11276.5	31.7	20.6	52.3	74.0	-21.7	Peak	Vertical
	15654.0	46.3	21.2	67.5	74.0	-6.5	Peak	Vertical
	15654.0	31.5	21.2	52.7	54.0	-1.3	Average	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)

Product	G-140W-C	Temperature	26°C
Test Engineer	Dandy Li	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/12/08
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Channel:	48
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
*	7137.0	33.2	13.7	46.9	68.2	-21.3	Peak	Horizontal
*	8641.5	33.1	14.3	47.4	68.2	-20.8	Peak	Horizontal
	11659.0	30.2	20.9	51.1	74.0	-22.9	Peak	Horizontal
	15722.0	39.0	21.4	60.4	74.0	-13.6	Peak	Horizontal
	15722.0	24.6	21.4	46.0	54.0	-8.0	Average	Horizontal
*	7196.5	32.9	13.9	46.8	68.2	-21.4	Peak	Vertical
*	10486.0	39.6	18.9	58.5	68.2	-9.7	Peak	Vertical
	11659.0	30.2	20.9	51.1	74.0	-22.9	Peak	Vertical
	15730.5	46.7	21.4	68.1	74.0	-5.9	Peak	Vertical
	15730.5	32.0	21.4	53.4	54.0	-0.6	Average	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)

Product	G-140W-C	Temperature	26°C
Test Engineer	Dandy Li	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/06/30
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Channel:	52
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
*	7145.5	33.4	13.7	47.1	68.2	-21.1	Peak	Horizontal
*	8641.5	33.1	14.3	47.4	68.2	-20.8	Peak	Horizontal
	11285.0	30.7	20.6	51.3	74.0	-22.7	Peak	Horizontal
	15773.0	36.6	21.5	58.1	74.0	-15.9	Peak	Horizontal
	15773.0	23.5	21.5	45.0	54.0	-9.0	Average	Horizontal
*	7137.0	33.4	13.7	47.1	68.2	-21.1	Peak	Vertical
*	10520.0	37.9	18.9	56.8	68.2	-11.4	Peak	Vertical
	11285.0	30.7	20.6	51.3	74.0	-22.7	Peak	Vertical
	15790.0	44.4	21.5	65.9	74.0	-8.1	Peak	Vertical
	15790.0	29.1	21.5	50.6	54.0	-3.4	Average	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)

Product	G-140W-C	Temperature	26°C
Test Engineer	Dandy Li	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/06/30
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Channel:	60
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
*	7137.0	33.4	13.7	47.1	68.2	-21.1	Peak	Horizontal
*	8641.5	32.2	14.3	46.5	68.2	-21.7	Peak	Horizontal
	12067.0	31.9	20.4	52.3	74.0	-21.7	Peak	Horizontal
	15909.0	35.3	21.5	56.8	74.0	-17.2	Peak	Horizontal
	15909.0	22.5	21.5	44.0	54.0	-10.0	Average	Horizontal
*	8973.0	32.2	14.8	47.0	68.2	-21.2	Peak	Vertical
*	10596.5	34.9	19.0	53.9	68.2	-14.3	Peak	Vertical
	12067.0	31.9	20.4	52.3	74.0	-21.7	Peak	Vertical
	15909.0	35.0	21.5	56.5	74.0	-17.5	Peak	Vertical
	15909.0	23.6	21.5	45.1	54.0	-8.9	Average	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)

Product	G-140W-C	Temperature	26°C
Test Engineer	Dandy Li	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/06/30
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Channel:	64
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
*	8973.0	32.2	14.8	47.0	68.2	-21.2	Peak	Horizontal
*	10035.5	31.8	17.7	49.5	68.2	-18.7	Peak	Horizontal
	11370.0	31.0	20.6	51.6	74.0	-22.4	Peak	Horizontal
	15960.0	36.5	21.4	57.9	74.0	-16.1	Peak	Horizontal
	15960.0	23.7	21.4	45.1	54.0	-8.9	Average	Horizontal
*	8752.0	31.6	14.8	46.4	68.2	-21.8	Peak	Vertical
*	9738.0	32.7	16.6	49.3	68.2	-18.9	Peak	Vertical
	10647.5	33.7	19.1	52.8	74.0	-21.2	Peak	Vertical
	15960.0	35.6	21.4	57.0	74.0	-17.0	Peak	Vertical
	15960.0	23.1	21.4	44.5	54.0	-9.5	Average	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)

Product	G-140W-C	Temperature	26°C
Test Engineer	Dandy Li	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/06/30
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Channel:	100
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
*	8752.0	31.6	14.8	46.4	68.2	-21.8	Peak	Horizontal
*	9899.5	32.7	17.3	50.0	68.2	-18.2	Peak	Horizontal
	11667.5	31.2	20.8	52.0	74.0	-22.0	Peak	Horizontal
	12696.0	31.5	20.4	51.9	74.0	-22.1	Peak	Horizontal
*	7179.5	33.2	13.9	47.1	68.2	-21.1	Peak	Vertical
*	8667.0	33.5	14.4	47.9	68.2	-20.3	Peak	Vertical
	11004.5	32.9	19.9	52.8	74.0	-21.2	Peak	Vertical
	12696.0	31.5	20.4	51.9	74.0	-22.1	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)



Product	G-140W-C	Temperature	26°C
Test Engineer	Dandy Li	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/06/30
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Channel:	120
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
*	8735.0	32.1	14.6	46.7	68.2	-21.5	Peak	Horizontal
*	9738.0	33.7	16.6	50.3	68.2	-17.9	Peak	Horizontal
	10928.0	32.0	20.0	52.0	74.0	-22.0	Peak	Horizontal
	11914.0	30.5	20.1	50.6	74.0	-23.4	Peak	Horizontal
*	8658.5	32.7	14.4	47.1	68.2	-21.1	Peak	Vertical
*	10307.5	31.3	18.4	49.7	68.2	-18.5	Peak	Vertical
	11200.0	33.1	20.3	53.4	74.0	-20.6	Peak	Vertical
	11914.0	30.5	20.1	50.6	74.0	-23.4	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)

Product	G-140W-C	Temperature	26°C
Test Engineer	Dandy Li	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/06/30
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Channel:	140
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
*	8658.5	32.7	14.4	47.1	68.2	-21.1	Peak	Horizontal
*	9763.5	34.9	17.0	51.9	68.2	-16.3	Peak	Horizontal
	11404.0	32.2	20.3	52.5	74.0	-21.5	Peak	Horizontal
	12466.5	31.4	20.0	51.4	74.0	-22.6	Peak	Horizontal
*	7961.5	32.8	14.8	47.6	68.2	-20.6	Peak	Vertical
*	9882.5	31.8	17.3	49.1	68.2	-19.1	Peak	Vertical
	11395.5	34.8	20.4	55.2	74.0	-18.8	Peak	Vertical
	11395.5	22.2	20.4	42.6	54.0	-11.4	Average	Vertical
	12466.5	31.4	20.0	51.4	74.0	-22.6	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)

Product	G-140W-C	Temperature	26°C
Test Engineer	Dandy Li	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/06/30
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Channel:	144
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	33.8	14.8	48.6	68.2	-19.6	Peak	Horizontal
*	9568.0	34.4	16.2	50.6	68.2	-17.6	Peak	Horizontal
	11429.5	38.9	20.3	59.2	74.0	-14.8	Peak	Horizontal
	11429.5	24.7	20.3	45.0	54.0	-9.0	Average	Horizontal
	12424.0	31.9	19.9	51.8	74.0	-22.2	Peak	Horizontal
*	7885.0	33.1	14.6	47.7	68.2	-20.5	Peak	Vertical
*	9925.0	33.7	17.5	51.2	68.2	-17.0	Peak	Vertical
	11438.0	40.8	20.4	61.2	74.0	-12.8	Peak	Vertical
	11438.0	26.8	20.4	47.2	54.0	-6.8	Average	Vertical
	12424.0	31.9	19.9	51.8	74.0	-22.2	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)

Product	G-140W-C	Temperature	26°C
Test Engineer	Dandy Li	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/12/08
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Channel:	149
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
*	7834.0	33.0	14.5	47.5	68.2	-20.7	Peak	Horizontal
*	8667.0	33.0	14.4	47.4	68.2	-20.8	Peak	Horizontal
	11497.5	43.7	20.6	64.3	74.0	-9.7	Peak	Horizontal
	11497.5	26.2	20.6	46.8	54.0	-7.2	Average	Horizontal
	12424.0	30.8	19.9	50.7	74.0	-23.3	Peak	Horizontal
*	7103.0	33.0	13.5	46.5	68.2	-21.7	Peak	Vertical
*	8811.5	31.8	14.9	46.7	68.2	-21.5	Peak	Vertical
	11497.5	51.1	20.6	71.7	74.0	-2.3	Peak	Vertical
	11497.5	32.9	20.6	53.5	54.0	-0.5	Average	Vertical
	12024.5	30.8	20.3	51.1	74.0	-22.9	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)

Product	G-140W-C	Temperature	26°C
Test Engineer	Dandy Li	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/12/08
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Channel:	157
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
*	8803.0	31.7	14.9	46.6	68.2	-21.6	Peak	Horizontal
*	9806.0	32.6	17.0	49.6	68.2	-18.6	Peak	Horizontal
	11582.5	43.9	20.7	64.6	74.0	-9.4	Peak	Horizontal
	11582.5	28.3	20.7	49.0	54.0	-5.0	Average	Horizontal
	12381.5	32.1	20.0	52.1	74.0	-21.9	Peak	Horizontal
*	8675.5	32.2	14.5	46.7	68.2	-21.5	Peak	Vertical
*	9721.0	32.9	16.4	49.3	68.2	-18.9	Peak	Vertical
	11574.0	51.5	20.8	72.3	74.0	-1.7	Peak	Vertical
	11574.0	32.7	20.8	53.5	54.0	-0.5	Average	Vertical
	12381.5	31.9	20.0	51.9	74.0	-22.1	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)

Product	G-140W-C	Temperature	26°C
Test Engineer	Dandy Li	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/12/08
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Channel:	165
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
*	9823.0	33.4	17.1	50.5	68.2	-17.7	Peak	Horizontal
	11642.0	45.2	21.0	66.2	74.0	-7.8	Peak	Horizontal
	11642.0	29.2	21.0	50.2	54.0	-3.8	Average	Horizontal
	12619.5	31.3	20.4	51.7	74.0	-22.3	Peak	Horizontal
*	17473.0	40.7	27.2	67.9	68.2	-0.3	Peak	Horizontal
*	7120.0	32.9	13.6	46.5	68.2	-21.7	Peak	Vertical
*	8633.0	33.1	14.3	47.4	68.2	-20.8	Peak	Vertical
	11642.0	50.9	21.0	71.9	74.0	-2.1	Peak	Vertical
	11642.0	31.9	21.0	52.9	54.0	-1.1	Average	Vertical
	12526.0	31.6	20.1	51.7	74.0	-22.3	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)

Product	G-140W-C	Temperature	26°C
Test Engineer	Dandy Li	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/12/08
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Channel:	38
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
*	7213.5	33.5	13.9	47.4	68.2	-20.8	Peak	Horizontal
*	9857.0	33.1	17.3	50.4	68.2	-17.8	Peak	Horizontal
	12619.5	31.3	20.4	51.7	74.0	-22.3	Peak	Horizontal
	15560.5	35.0	21.4	56.4	74.0	-17.6	Peak	Horizontal
	15560.5	22.6	21.4	44.0	54.0	-10.0	Average	Horizontal
*	9857.0	33.1	17.3	50.4	68.2	-17.8	Peak	Vertical
*	10375.5	36.7	18.7	55.4	68.2	-12.8	Peak	Vertical
	11650.5	31.0	21.0	52.0	74.0	-22.0	Peak	Vertical
	15560.5	37.2	21.4	58.6	74.0	-15.4	Peak	Vertical
	15560.5	24.1	21.4	45.5	54.0	-8.5	Average	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)

Product	G-140W-C	Temperature	26°C
Test Engineer	Dandy Li	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/12/08
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Channel:	46
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
*	8752.0	33.1	14.8	47.9	68.2	-20.3	Peak	Horizontal
*	10171.5	33.8	17.9	51.7	68.2	-16.5	Peak	Horizontal
	11633.5	31.1	21.0	52.1	74.0	-21.9	Peak	Horizontal
	15688.0	38.9	21.1	60.0	74.0	-14.0	Peak	Horizontal
	15688.0	24.1	21.1	45.2	54.0	-8.8	Average	Horizontal
*	8752.0	33.1	14.8	47.9	68.2	-20.3	Peak	Vertical
*	10452.0	39.1	18.5	57.6	68.2	-10.6	Peak	Vertical
	11650.5	31.0	21.0	52.0	74.0	-22.0	Peak	Vertical
	15705.0	44.1	21.2	65.3	74.0	-8.7	Peak	Vertical
	15705.0	31.5	21.2	52.7	54.0	-1.3	Average	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)



Product	G-140W-C	Temperature	26°C
Test Engineer	Dandy Li	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/06/30
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Channel:	54
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
*	8922.0	31.7	14.7	46.4	68.2	-21.8	Peak	Horizontal
*	10545.5	34.3	19.0	53.3	68.2	-14.9	Peak	Horizontal
	12007.5	30.4	20.4	50.8	74.0	-23.2	Peak	Horizontal
	15815.5	37.4	21.6	59.0	74.0	-15.0	Peak	Horizontal
	15815.5	27.4	21.6	49.0	54.0	-5.0	Average	Horizontal
*	8922.0	31.7	14.7	46.4	68.2	-21.8	Peak	Vertical
*	10528.5	37.7	18.9	56.6	68.2	-11.6	Peak	Vertical
	11633.5	31.1	21.0	52.1	74.0	-21.9	Peak	Vertical
	15807.0	40.7	21.6	62.3	74.0	-11.7	Peak	Vertical
	15807.0	30.2	21.6	51.8	54.0	-2.2	Average	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)

Product	G-140W-C	Temperature	26°C
Test Engineer	Dandy Li	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/06/30
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Channel:	62
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
*	8743.5	32.3	14.7	47.0	68.2	-21.2	Peak	Horizontal
*	9721.0	32.3	16.4	48.7	68.2	-19.5	Peak	Horizontal
	12007.5	30.4	20.4	50.8	74.0	-23.2	Peak	Horizontal
	15951.5	35.3	21.4	56.7	74.0	-17.3	Peak	Horizontal
	15951.5	25.6	21.4	47.0	54.0	-7.0	Average	Horizontal
*	7171.0	31.7	13.8	45.5	68.2	-22.7	Peak	Vertical
*	8743.5	32.3	14.7	47.0	68.2	-21.2	Peak	Vertical
	10613.5	36.7	18.9	55.6	74.0	-18.4	Peak	Vertical
	10620.1	25.6	18.9	44.5	54.0	-9.5	Average	Vertical
	15926.0	43.6	21.4	65.0	74.0	-9.0	Peak	Vertical
	15926.0	31.5	21.4	52.9	54.0	-1.1	Average	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)

Product	G-140W-C	Temperature	26°C
Test Engineer	Dandy Li	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/06/30
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Channel:	102
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
*	7171.0	31.7	13.8	45.5	68.2	-22.7	Peak	Horizontal
*	8650.0	32.9	14.3	47.2	68.2	-21.0	Peak	Horizontal
	11021.5	32.8	19.8	52.6	74.0	-21.4	Peak	Horizontal
	12109.5	31.2	20.5	51.7	74.0	-22.3	Peak	Horizontal
*	7120.0	33.6	13.6	47.2	68.2	-21.0	Peak	Vertical
*	9729.5	35.0	16.5	51.5	68.2	-16.7	Peak	Vertical
	11030.0	37.1	19.8	56.9	74.0	-17.1	Peak	Vertical
	11030.0	23.2	19.8	43.0	54.0	-11.0	Average	Vertical
	12109.5	31.2	20.5	51.7	74.0	-22.3	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)

Product	G-140W-C	Temperature	26°C
Test Engineer	Dandy Li	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/06/30
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Channel:	118
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
*	7188.0	32.2	13.9	46.1	68.2	-22.1	Peak	Horizontal
*	9976.0	32.9	17.3	50.2	68.2	-18.0	Peak	Horizontal
	11183.0	33.5	20.4	53.9	74.0	-20.1	Peak	Horizontal
	11183.0	22.0	20.4	42.4	54.0	-11.6	Average	Horizontal
	12220.0	30.3	20.3	50.6	74.0	-23.4	Peak	Horizontal
*	8582.0	31.6	14.2	45.8	68.2	-22.4	Peak	Vertical
*	10112.0	32.9	18.0	50.9	68.2	-17.3	Peak	Vertical
	11174.5	37.1	20.5	57.6	74.0	-16.4	Peak	Vertical
	11174.5	24.9	20.5	45.4	54.0	-8.6	Average	Vertical
	12118.0	32.9	20.5	53.4	74.0	-20.6	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)

Product	G-140W-C	Temperature	26°C
Test Engineer	Dandy Li	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/06/30
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Channel:	134
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
*	8735.0	31.5	14.6	46.1	68.2	-22.1	Peak	Horizontal
*	10154.5	33.0	17.8	50.8	68.2	-17.4	Peak	Horizontal
	11344.5	33.0	20.4	53.4	74.0	-20.6	Peak	Horizontal
	12118.0	32.9	20.5	53.4	74.0	-20.6	Peak	Horizontal
*	8811.5	31.2	14.9	46.1	68.2	-22.1	Peak	Vertical
*	10154.5	33.0	17.8	50.8	68.2	-17.4	Peak	Vertical
	11336.0	39.1	20.4	59.5	74.0	-14.5	Peak	Vertical
	11336.0	26.4	20.4	46.8	54.0	-7.2	Average	Vertical
	12670.5	30.7	20.2	50.9	74.0	-23.1	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)

Product	G-140W-C	Temperature	26°C
Test Engineer	Dandy Li	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/06/30
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Channel:	142
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
*	8811.5	31.8	14.9	46.7	68.2	-21.5	Peak	Horizontal
*	10120.5	33.1	18.0	51.1	68.2	-17.1	Peak	Horizontal
	11421.0	36.3	20.3	56.6	74.0	-17.4	Peak	Horizontal
	11421.0	24.0	20.3	44.3	54.0	-9.7	Average	Horizontal
	12483.5	31.9	20.1	52.0	74.0	-22.0	Peak	Horizontal
*	8692.5	32.3	14.6	46.9	68.2	-21.3	Peak	Vertical
*	10256.5	32.3	18.2	50.5	68.2	-17.7	Peak	Vertical
	11421.0	42.7	20.3	63.0	74.0	-11.0	Peak	Vertical
	11421.0	29.7	20.3	50.0	54.0	-4.0	Average	Vertical
	12186.0	31.2	20.4	51.6	74.0	-22.4	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)

Product	G-140W-C	Temperature	26°C
Test Engineer	Dandy Li	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/12/08
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Channel:	151
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
*	8633.0	33.3	14.3	47.6	68.2	-20.6	Peak	Horizontal
*	10163.0	32.9	17.8	50.7	68.2	-17.5	Peak	Horizontal
	11514.5	38.2	20.6	58.8	74.0	-15.2	Peak	Horizontal
	11514.5	25.5	20.6	46.1	54.0	-7.9	Average	Horizontal
	12509.0	31.4	20.2	51.6	74.0	-22.4	Peak	Horizontal
*	8684.0	32.9	14.5	47.4	68.2	-20.8	Peak	Vertical
*	10171.5	32.8	17.9	50.7	68.2	-17.5	Peak	Vertical
	11514.5	45.3	20.6	65.9	74.0	-8.1	Peak	Vertical
	11514.5	31.8	20.6	52.4	54.0	-1.6	Average	Vertical
	12373.0	31.7	20.0	51.7	74.0	-22.3	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)

Product	G-140W-C	Temperature	26°C
Test Engineer	Dandy Li	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/12/08
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Channel:	159
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
*	8658.5	33.2	14.4	47.6	68.2	-20.6	Peak	Horizontal
*	10248.0	33.2	18.1	51.3	68.2	-16.9	Peak	Horizontal
	11591.0	41.2	20.7	61.9	74.0	-12.1	Peak	Horizontal
	11591.0	27.6	20.7	48.3	54.0	-5.7	Average	Horizontal
	12254.0	31.6	20.2	51.8	74.0	-22.2	Peak	Horizontal
*	8735.0	32.1	14.6	46.7	68.2	-21.5	Peak	Vertical
*	9653.0	34.3	16.4	50.7	68.2	-17.5	Peak	Vertical
	11582.5	44.7	20.7	65.4	74.0	-8.6	Peak	Vertical
	11582.5	32.4	20.7	53.1	54.0	-0.9	Average	Vertical
	12585.5	30.7	20.2	50.9	74.0	-23.1	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)



Product	G-140W-C	Temperature	26°C
Test Engineer	Dandy Li	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/12/08
Test Mode:	802.11ac-VHT80 - Ant 0 + 1	Test Channel:	42
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
*	8990.0	32.7	14.8	47.5	68.2	-20.7	Peak	Horizontal
*	10409.5	33.1	18.7	51.8	68.2	-16.4	Peak	Horizontal
	11914.0	31.9	20.1	52.0	74.0	-22.0	Peak	Horizontal
	15866.5	33.9	21.7	55.6	74.0	-18.4	Peak	Horizontal
	15866.5	21.0	21.7	42.7	54.0	-11.3	Average	Horizontal
*	8726.5	33.0	14.6	47.6	68.2	-20.6	Peak	Vertical
*	10095.0	33.5	17.8	51.3	68.2	-16.9	Peak	Vertical
	11914.0	31.9	20.1	52.0	74.0	-22.0	Peak	Vertical
	15875.0	39.2	21.6	60.8	74.0	-13.2	Peak	Vertical
	15875.0	27.7	21.6	49.3	54.0	-4.7	Average	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)

Product	G-140W-C	Temperature	26°C
Test Engineer	Dandy Li	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/06/30
Test Mode:	802.11ac-VHT80 - Ant 0 + 1	Test Channel:	58
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
*	8726.5	33.0	14.6	47.6	68.2	-20.6	Peak	Horizontal
*	9636.0	32.3	16.2	48.5	68.2	-19.7	Peak	Horizontal
	11047.0	32.1	19.9	52.0	74.0	-22.0	Peak	Horizontal
	12288.0	30.4	20.1	50.5	74.0	-23.5	Peak	Horizontal
*	8616.0	31.8	14.3	46.1	68.2	-22.1	Peak	Vertical
*	10154.5	33.0	17.8	50.8	68.2	-17.4	Peak	Vertical
	11064.0	33.6	20.1	53.7	74.0	-20.3	Peak	Vertical
	11064.0	21.2	20.0	41.2	54.0	-12.8	Average	Vertical
	12288.0	30.4	20.1	50.5	74.0	-23.5	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)

Product	G-140W-C	Temperature	26°C
Test Engineer	Dandy Li	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/06/30
Test Mode:	802.11ac-VHT80 - Ant 0 + 1	Test Channel:	106
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
*	8709.5	33.0	14.6	47.6	68.2	-20.6	Peak	Horizontal
*	10401.0	32.0	18.7	50.7	68.2	-17.5	Peak	Horizontal
	11234.0	37.4	20.3	57.7	74.0	-16.3	Peak	Horizontal
	11234.0	24.7	20.3	45.0	54.0	-9.0	Average	Horizontal
	12254.0	31.3	20.2	51.5	74.0	-22.5	Peak	Horizontal
*	8675.5	33.2	14.5	47.7	68.2	-20.5	Peak	Vertical
*	10069.5	33.2	17.5	50.7	68.2	-17.5	Peak	Vertical
	11242.5	46.1	20.4	66.5	74.0	-7.5	Peak	Vertical
	11242.5	31.7	20.4	52.1	54.0	-1.9	Average	Vertical
	12500.5	31.9	20.2	52.1	74.0	-21.9	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)

Product	G-140W-C	Temperature	26°C
Test Engineer	Dandy Li	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/06/30
Test Mode:	802.11ac-VHT80 - Ant 0 + 1	Test Channel:	122
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
*	7171.0	34.5	13.8	48.3	68.2	-19.9	Peak	Horizontal
*	9780.5	33.7	16.9	50.6	68.2	-17.6	Peak	Horizontal
	11412.5	39.0	20.3	59.3	74.0	-14.7	Peak	Horizontal
	11412.5	26.1	20.3	46.4	54.0	-7.6	Average	Horizontal
	12288.0	32.0	20.1	52.1	74.0	-21.9	Peak	Horizontal
*	8692.5	31.9	14.6	46.5	68.2	-21.7	Peak	Vertical
*	10112.0	32.6	18.0	50.6	68.2	-17.6	Peak	Vertical
	11387.0	45.4	20.5	65.9	74.0	-8.1	Peak	Vertical
	11387.0	32.7	20.5	53.2	54.0	-0.8	Average	Vertical
	12288.0	32.0	20.1	52.1	74.0	-21.9	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)

Product	G-140W-C	Temperature	26°C
Test Engineer	Dandy Li	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/12/08
Test Mode:	802.11ac-VHT80 - Ant 0 + 1	Test Channel:	155
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
*	8692.5	31.9	14.6	46.5	68.2	-21.7	Peak	Horizontal
*	9763.5	33.5	17.0	50.5	68.2	-17.7	Peak	Horizontal
	11574.0	38.1	20.8	58.9	74.0	-15.1	Peak	Horizontal
	11574.0	25.7	20.8	46.5	54.0	-7.5	Average	Horizontal
	12594.0	32.4	20.3	52.7	74.0	-21.3	Peak	Horizontal
*	8743.5	33.5	14.7	48.2	68.2	-20.0	Peak	Vertical
*	10486.0	32.3	18.9	51.2	68.2	-17.0	Peak	Vertical
	11565.5	42.5	20.8	63.3	74.0	-10.7	Peak	Vertical
	11565.5	29.5	20.8	50.3	54.0	-3.7	Average	Vertical
	12594.0	32.4	20.3	52.7	74.0	-21.3	Peak	Vertical

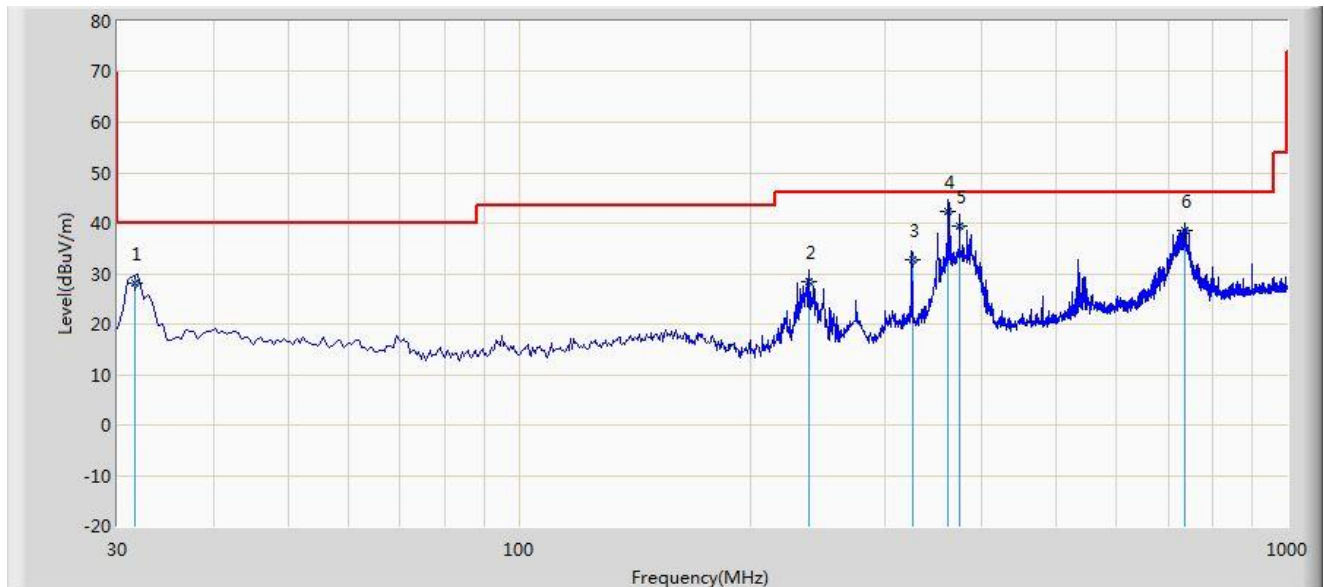
Note 1: “\*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

### The worst case of Radiated Emission below 1GHz:

Site: AC2	Time: 2018/01/09 - 13:42
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: VULB9162_0.03GHz_8GHz	Polarity: Horizontal
EUT: G-140W-C	Power: AC 120V/60Hz
<b>Worst Case: Transmit by 802.11a at Channel 5180MHz Ant 0 + 1 (Adapter #1)</b>	



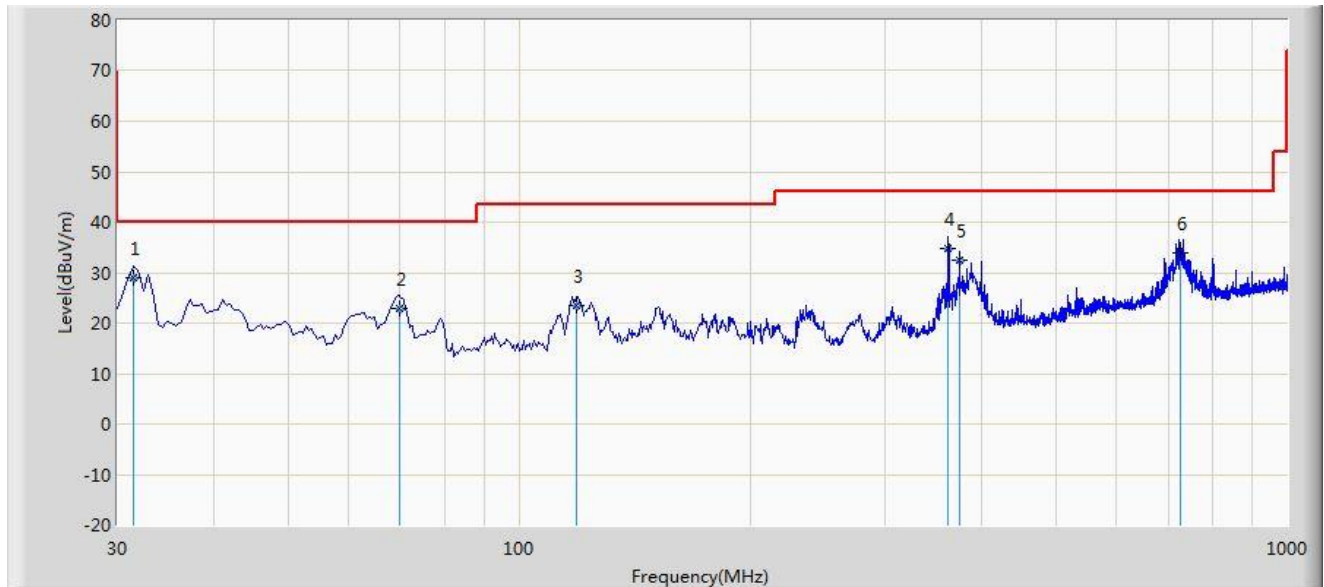
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			31.632	28.020	14.223	-11.980	40.000	13.797	QP
2			238.114	28.355	15.536	-17.645	46.000	12.819	QP
3			324.990	32.858	17.771	-13.142	46.000	15.087	QP
4		*	362.503	42.425	26.602	-3.575	46.000	15.822	QP
5			374.905	39.322	23.226	-6.678	46.000	16.097	QP
6			735.226	38.496	15.905	-7.504	46.000	22.591	QP

Note 1: Measure Level (dBuV/m) = Reading Level (dBuV) + 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 ~ 40GHz), therefore no data appear in the report.

Site: AC2	Time: 2018/01/09 - 13:38
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: VULB9162_0.03GHz_8GHz	Polarity: Vertical
EUT: G-140W-C	Power: AC 120V/60Hz
<b>Worst Case: Transmit by 802.11a at Channel 5180MHz Ant 0 + 1 (Adapter #1)</b>	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	31.525	29.017	15.226	-10.983	40.000	13.791	QP
2			69.820	22.968	11.336	-17.032	40.000	11.632	QP
3			118.900	23.341	10.225	-20.159	43.500	13.116	QP
4			362.300	34.824	19.006	-11.176	46.000	15.818	QP
5			374.700	32.428	16.336	-13.572	46.000	16.092	QP
6			724.600	34.010	11.552	-11.990	46.000	22.458	QP

Note 1: Measure Level (dBuV/m) = Reading Level (dBuV) + 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 ~ 40GHz), 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
<sup>1</sup> 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	( <sup>2</sup> )
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 5.25-5.35 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 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 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 shall be limited to a level of –27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing



linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

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 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.

All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47CFR 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 Procedure Used

ANSI C63.10 Section 6.3 (General Requirements)

ANSI C63.10 Section 6.4 (Standard test method below 30MHz)

ANSI C63.10 Section 6.5 (Standard test method above 30MHz to 1GHz)

ANSI C63.10 Section 6.6 (Standard test method above 1GHz)

### 7.9.3.Test Setting

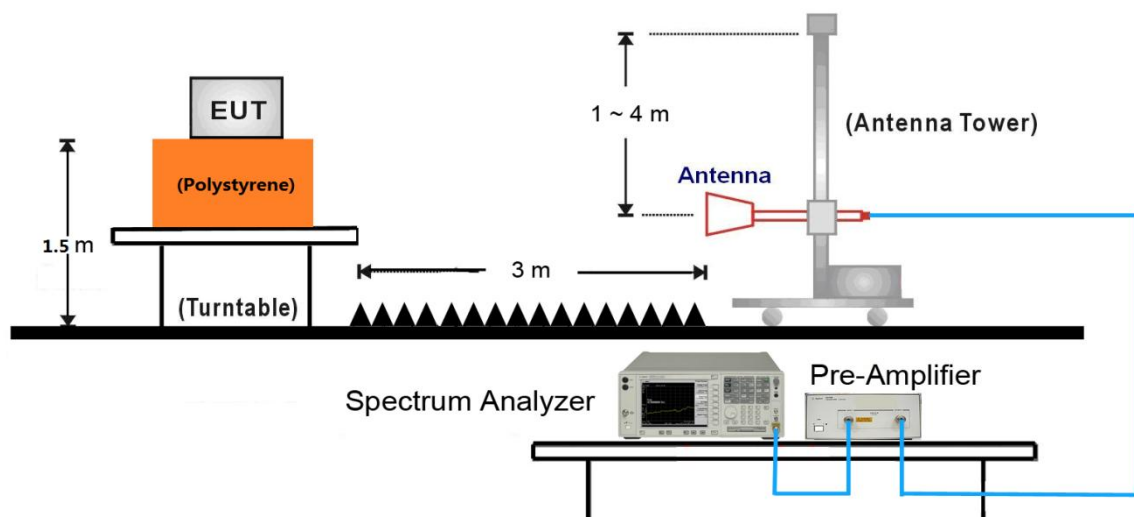
#### Peak Measurements above 1GHz

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

### Average Measurements above 1GHz (Method AD)

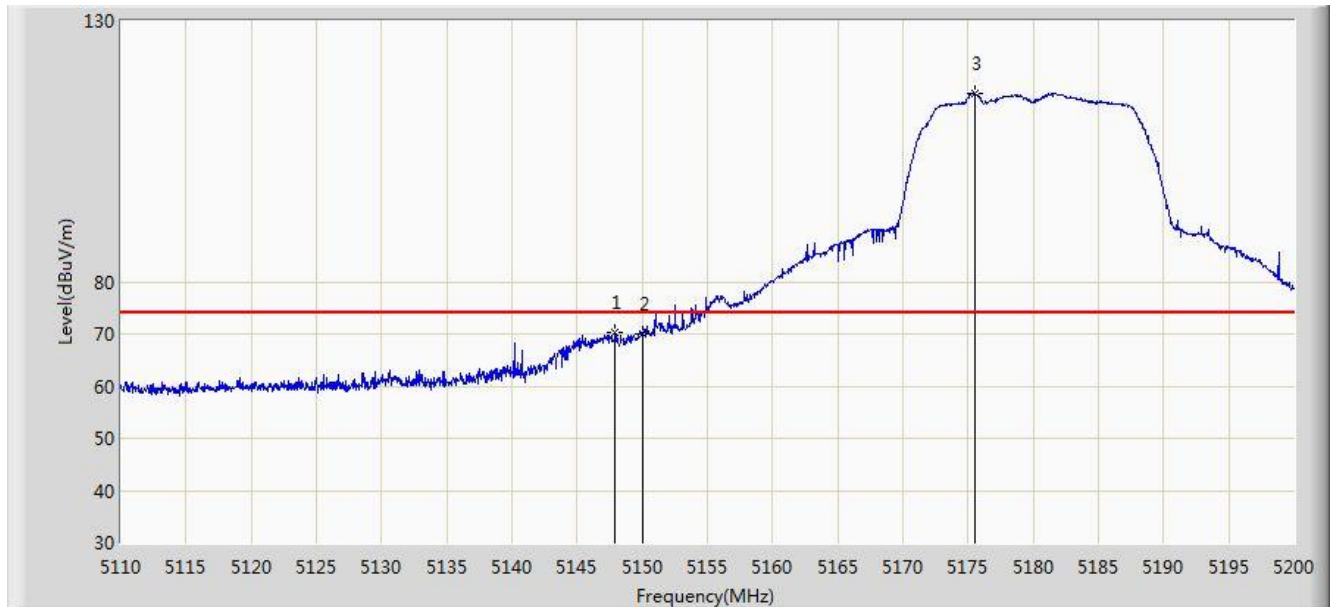
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. If duty cycle  $\geq 98\%$ ,  $VBW \leq RBW/100$  but not less than 10Hz; If duty cycle  $< 98\%$ , set  $VBW \geq 1/T$ .
4. Detector = Peak
5. Sweep time = auto
6. Trace mode = max hold
7. Allow max hold to run for at least 50 traces if the transmitted signal is continuous or has at least 98% duty cycle. For lower duty cycles, increase the minimum number of traces by a factor of  $1/x$ , where  $x$  is the duty cycle.

#### 7.9.4. Test Setup



### 7.9.5.Test Result

Site: AC2	Time: 2017/12/14 - 22:42
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: G-140W-C	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5180MHz Ant 0 + 1	

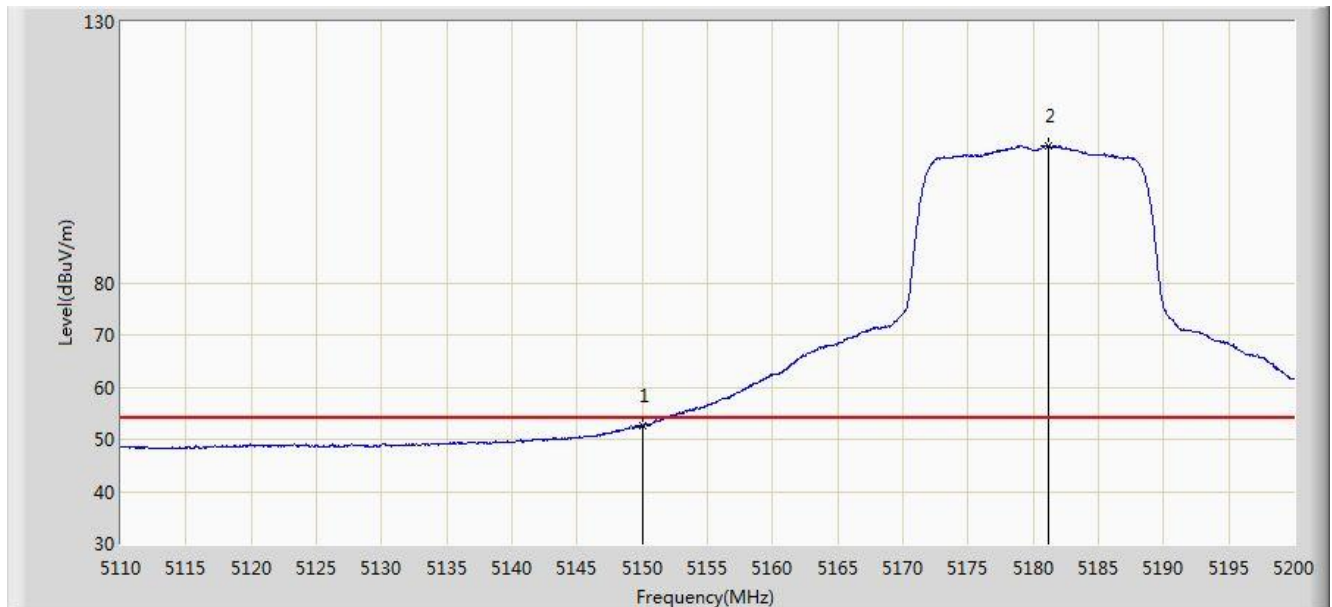


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5147.890	70.321	64.203	-3.679	74.000	6.119	PK
2			5150.000	69.888	63.765	-4.112	74.000	6.123	PK
3		*	5175.475	116.198	110.095	N/A	N/A	6.103	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

Site: AC2	Time: 2017/12/14 - 22:40
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: G-140W-C	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5180MHz Ant 0 + 1	

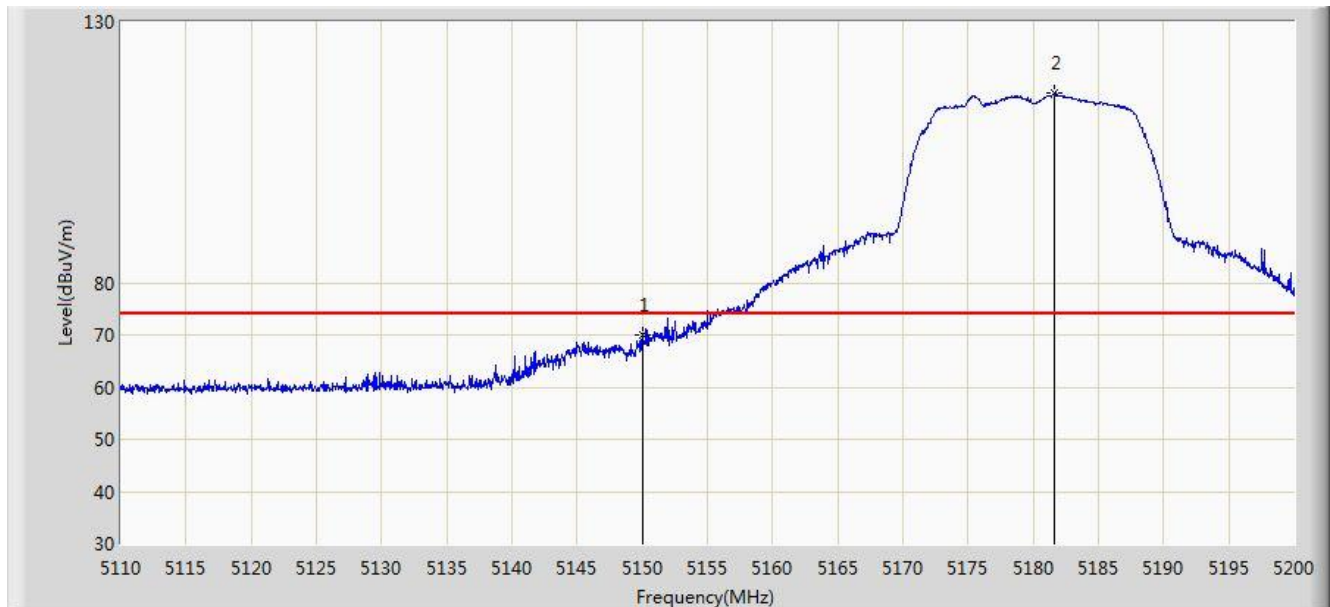


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	52.588	46.465	-1.412	54.000	6.123	AV
2		*	5181.190	106.305	100.218	N/A	N/A	6.087	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

Site: AC2	Time: 2017/12/14 - 22:43
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: G-140W-C	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5180MHz Ant 0 + 1	

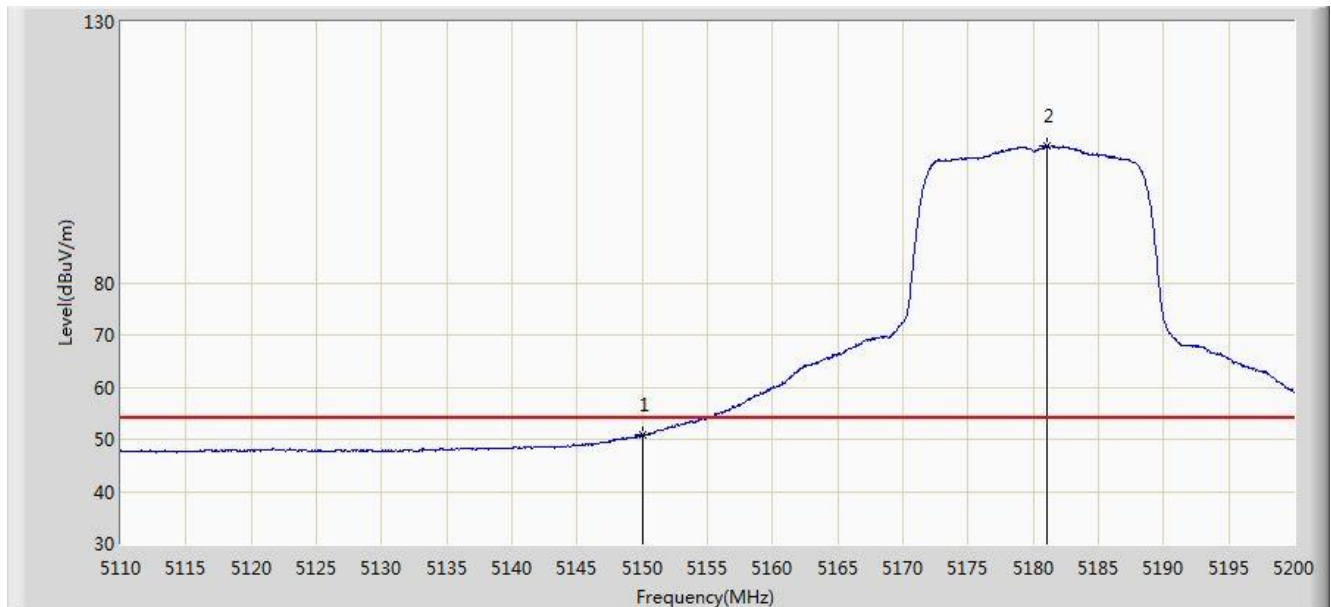


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	70.031	63.908	-3.969	74.000	6.123	PK
2		*	5181.595	116.254	110.168	N/A	N/A	6.087	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

Site: AC2	Time: 2017/12/14 - 22:45
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: G-140W-C	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5180MHz Ant 0 + 1	

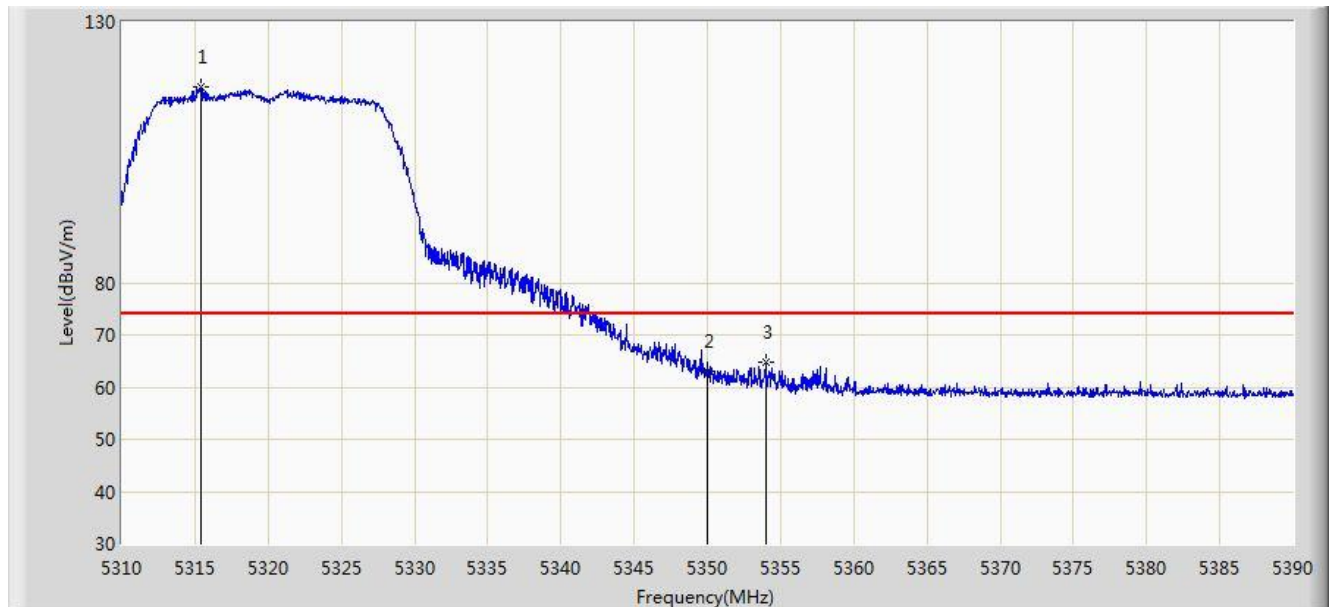


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.922	44.799	-3.078	54.000	6.123	AV
2		*	5181.100	106.266	100.178	N/A	N/A	6.087	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

Site: AC2	Time: 2017/12/21 - 02:01
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: G-140W-C	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5320MHz Ant 0 + 1	

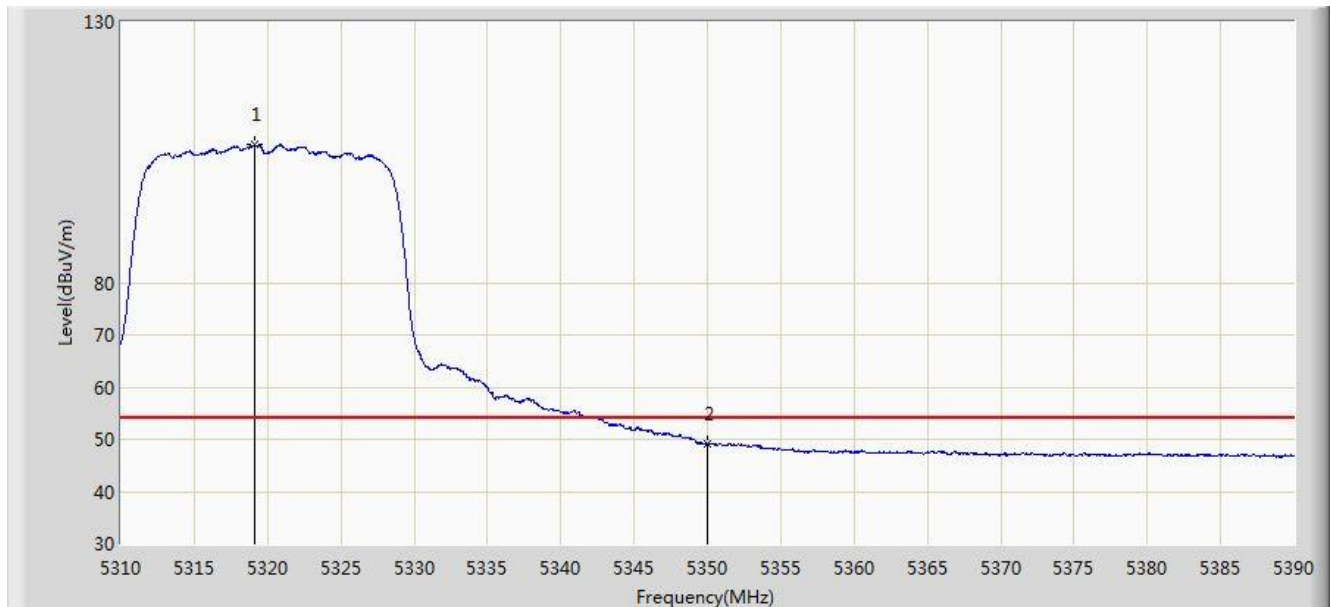


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5315.400	117.637	111.923	N/A	N/A	5.713	PK
2			5350.000	62.936	56.953	-11.064	74.000	5.983	PK
3			5354.040	64.893	58.880	-9.107	74.000	6.012	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

Site: AC2	Time: 2017/12/21 - 02:04
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: G-140W-C	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5320MHz Ant 0 + 1	



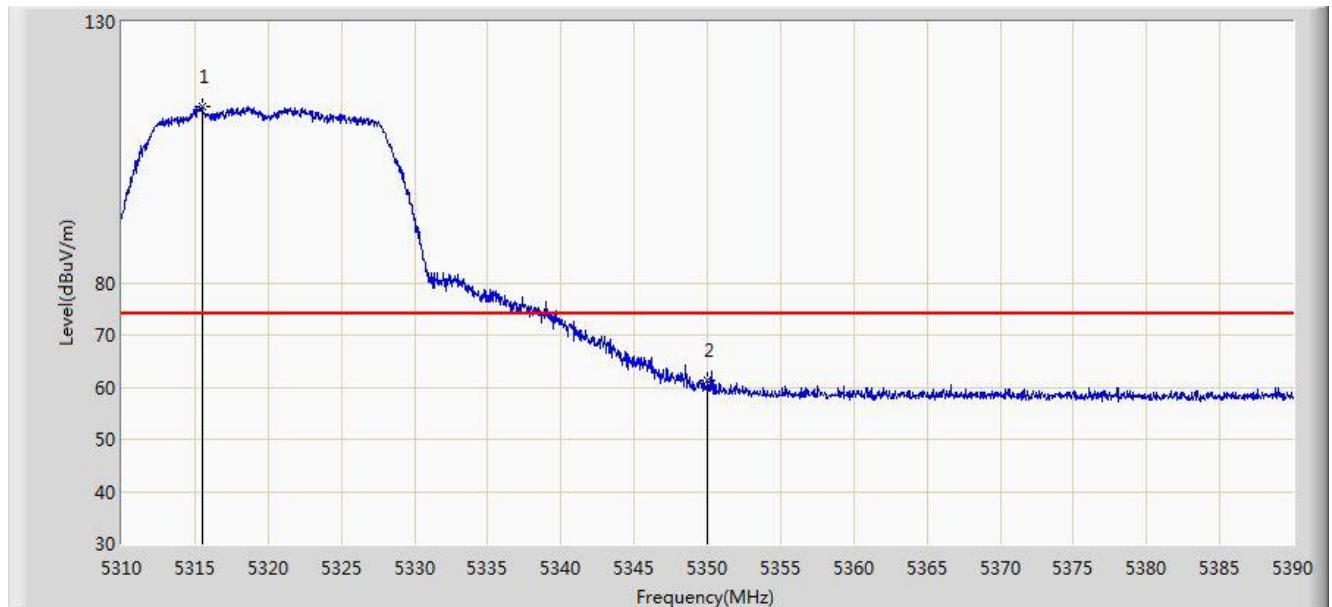
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5319.160	106.423	100.691	N/A	N/A	5.732	AV
2			5350.000	49.173	43.190	-4.827	54.000	5.983	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)



Site: AC2	Time: 2017/12/21 - 02:07
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: G-140W-C	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5320MHz Ant 0 + 1	

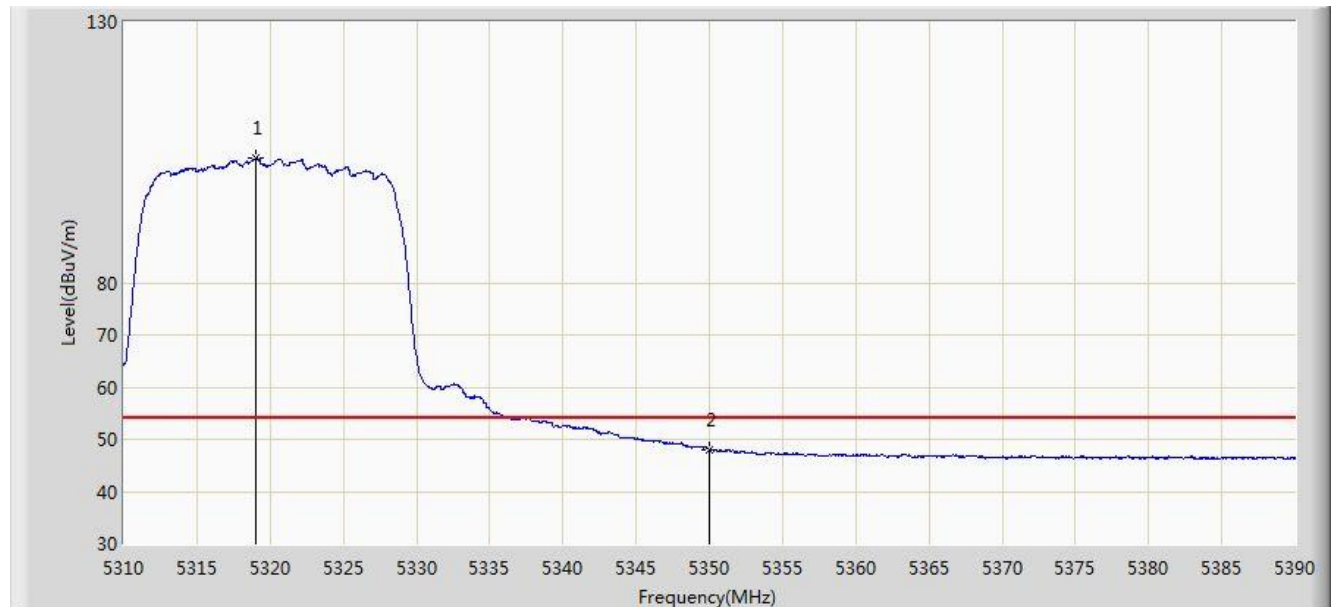


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5315.480	113.714	108.000	N/A	N/A	5.714	PK
2			5350.000	61.238	55.255	-12.762	74.000	5.983	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

Site: AC2	Time: 2017/12/21 - 02:08
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: G-140W-C	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5320MHz Ant 0 + 1	

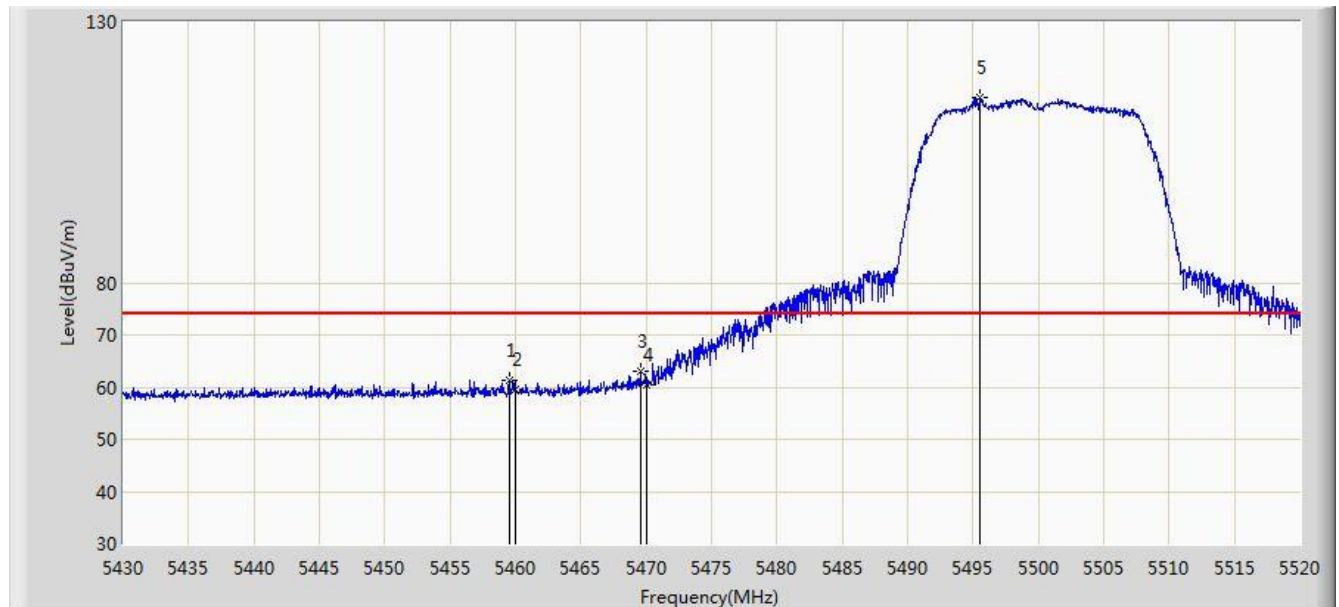


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5319.040	103.975	98.244	N/A	N/A	5.730	AV
2			5350.000	48.002	42.019	-5.998	54.000	5.983	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

Site: AC2	Time: 2017/12/21 - 02:11
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: G-140W-C	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5500MHz Ant 0 + 1	

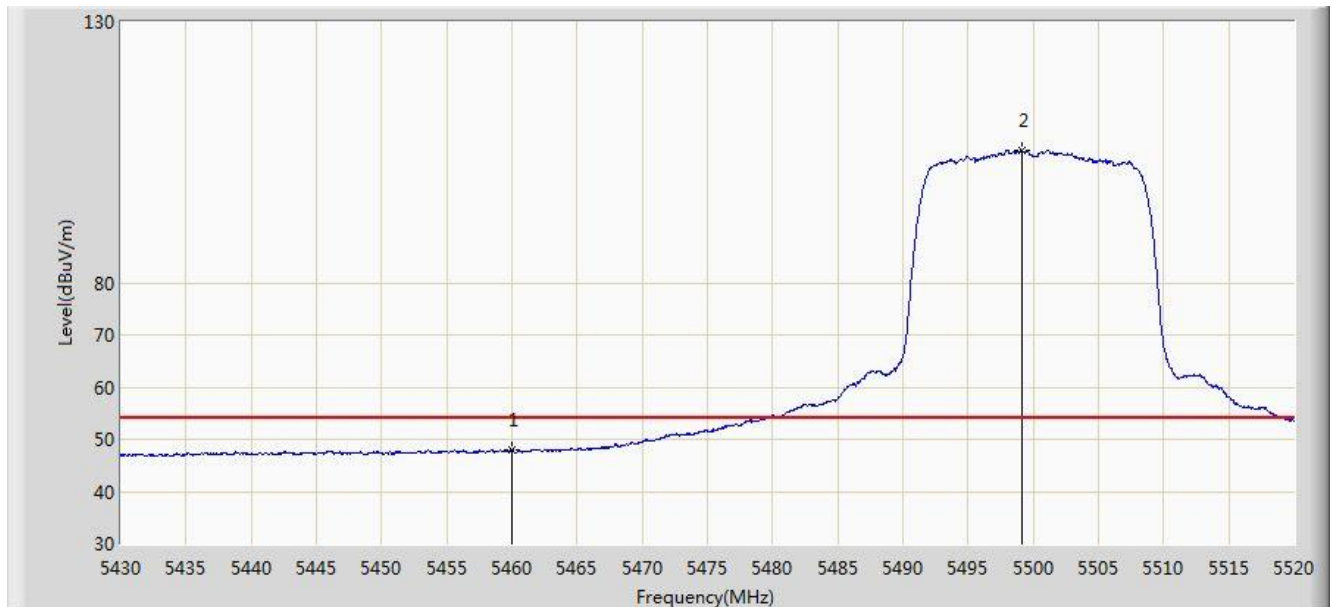


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5459.520	61.362	54.909	-12.638	74.000	6.452	PK
2			5460.000	59.592	53.139	-14.408	74.000	6.452	PK
3			5469.555	63.156	56.706	-10.844	74.000	6.450	PK
4			5470.000	60.478	54.028	-13.522	74.000	6.451	PK
5		*	5495.475	115.371	108.956	N/A	N/A	6.415	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

Site: AC2	Time: 2017/12/21 - 02:13
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: G-140W-C	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5500MHz Ant 0 + 1	

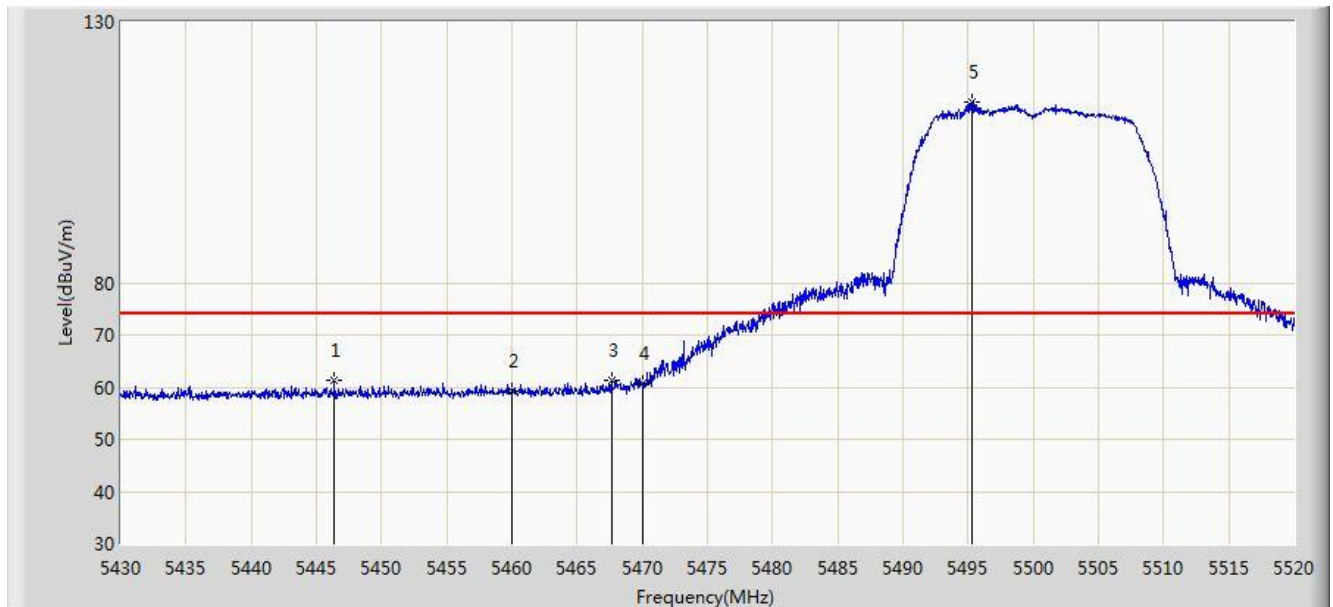


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	47.901	41.448	-6.099	54.000	6.452	AV
2		*	5499.165	105.323	98.904	N/A	N/A	6.419	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

Site: AC2	Time: 2017/12/21 - 02:15
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: G-140W-C	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5500MHz Ant 0 + 1	

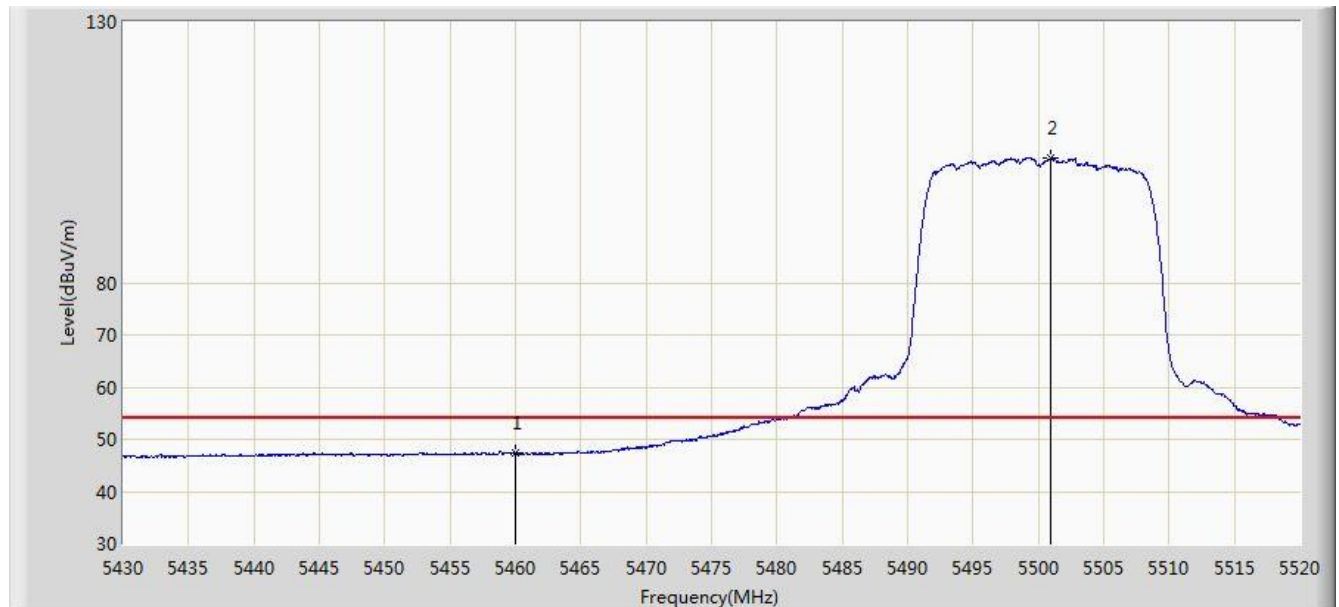


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5446.380	61.433	55.031	-12.567	74.000	6.403	PK
2			5460.000	59.397	52.944	-14.603	74.000	6.452	PK
3			5467.665	61.445	54.994	-12.555	74.000	6.451	PK
4			5470.000	60.736	54.286	-13.264	74.000	6.451	PK
5		*	5495.340	114.583	108.168	N/A	N/A	6.415	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

Site: AC2	Time: 2017/12/21 - 02:16
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: G-140W-C	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5500MHz Ant 0 + 1	

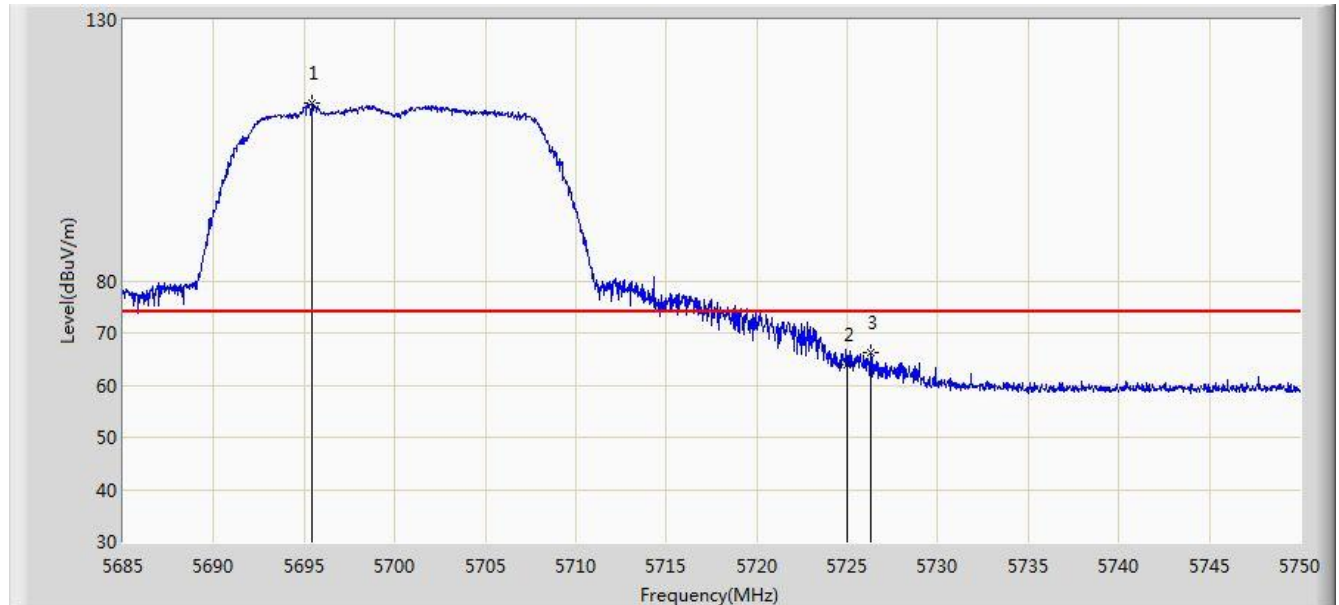


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	47.294	40.841	-6.706	54.000	6.452	AV
2		*	5500.965	103.852	97.431	N/A	N/A	6.421	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

Site: AC2	Time: 2017/12/21 - 02:18
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: G-140W-C	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5700MHz Ant 0 + 1	

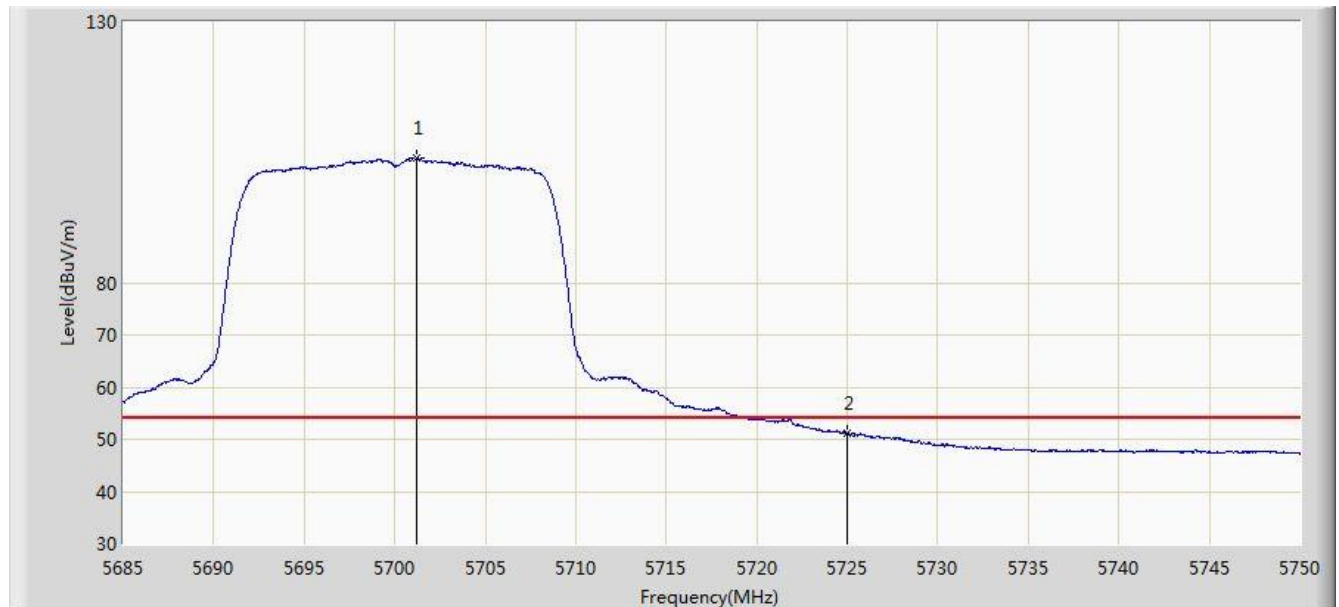


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5695.400	113.955	106.984	N/A	N/A	6.971	PK
2			5725.000	63.904	56.739	-10.096	74.000	7.165	PK
3			5726.308	66.182	59.003	-7.818	74.000	7.179	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

Site: AC2	Time: 2017/12/21 - 02:20
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: G-140W-C	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5700MHz Ant 0 + 1	



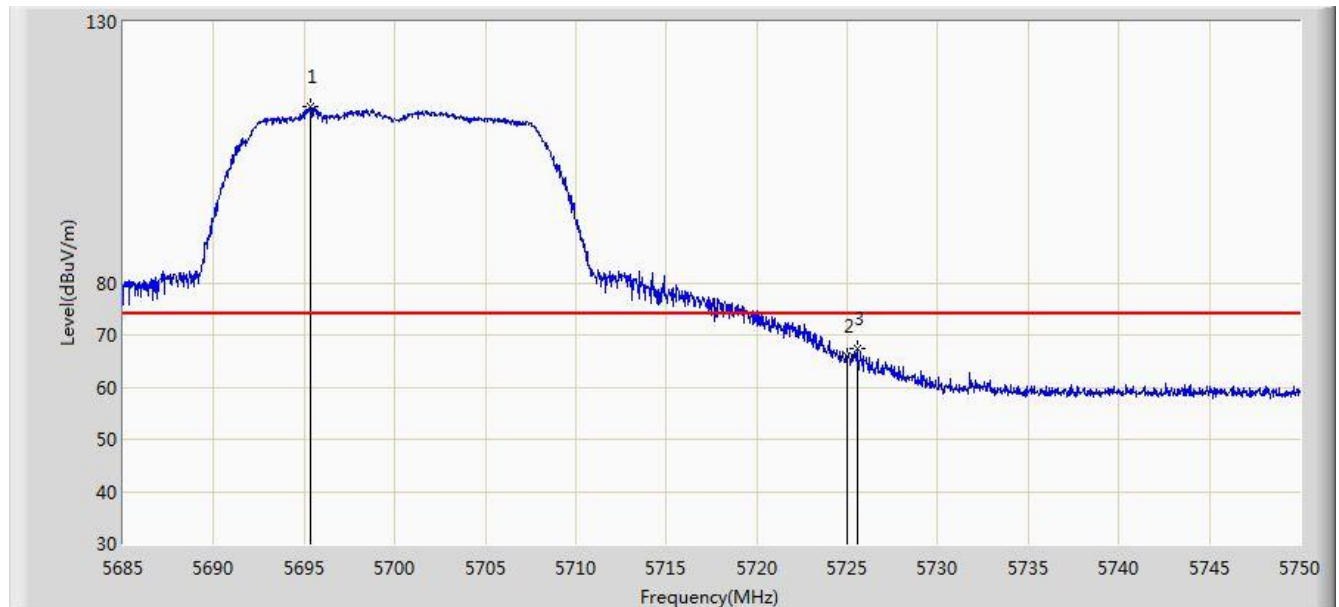
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5701.217	103.825	96.845	N/A	N/A	6.980	AV
2			5725.000	51.083	43.918	-2.917	54.000	7.165	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)



Site: AC2	Time: 2017/12/21 - 02:22
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: G-140W-C	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5700MHz Ant 0 + 1	

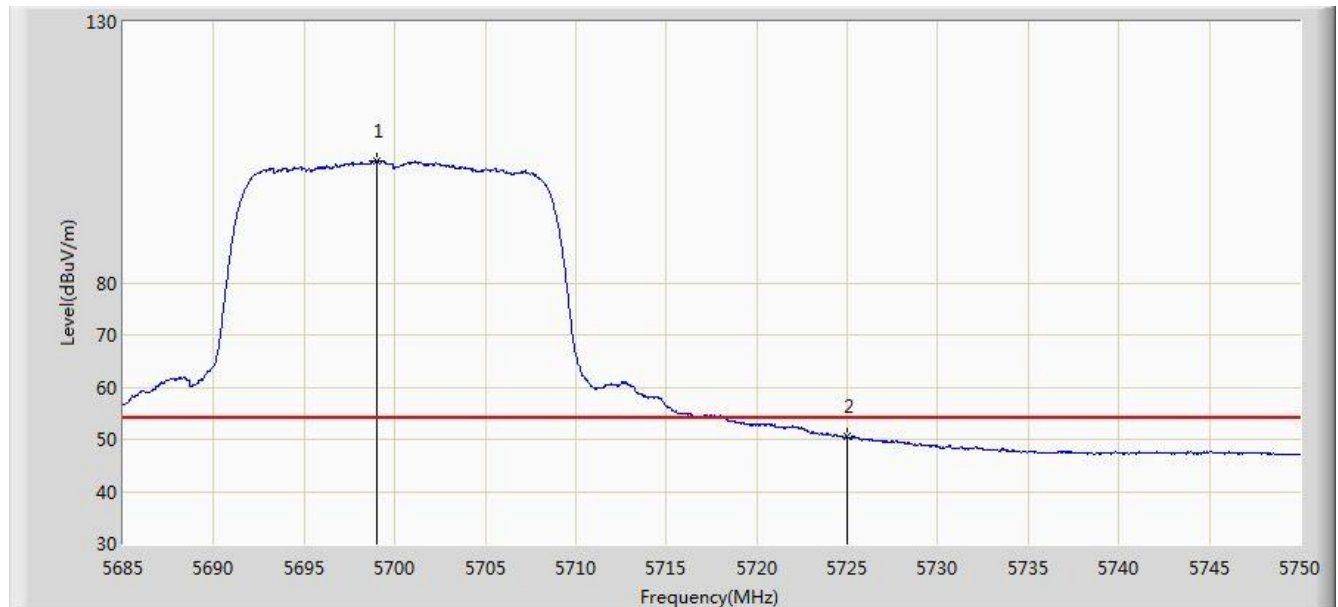


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5695.368	113.855	106.884	N/A	N/A	6.971	PK
2			5725.000	65.973	58.808	-8.027	74.000	7.165	PK
3			5725.527	67.320	60.149	-6.680	74.000	7.171	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

Site: AC2	Time: 2017/12/21 - 02:23
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: G-140W-C	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5700MHz Ant 0 + 1	

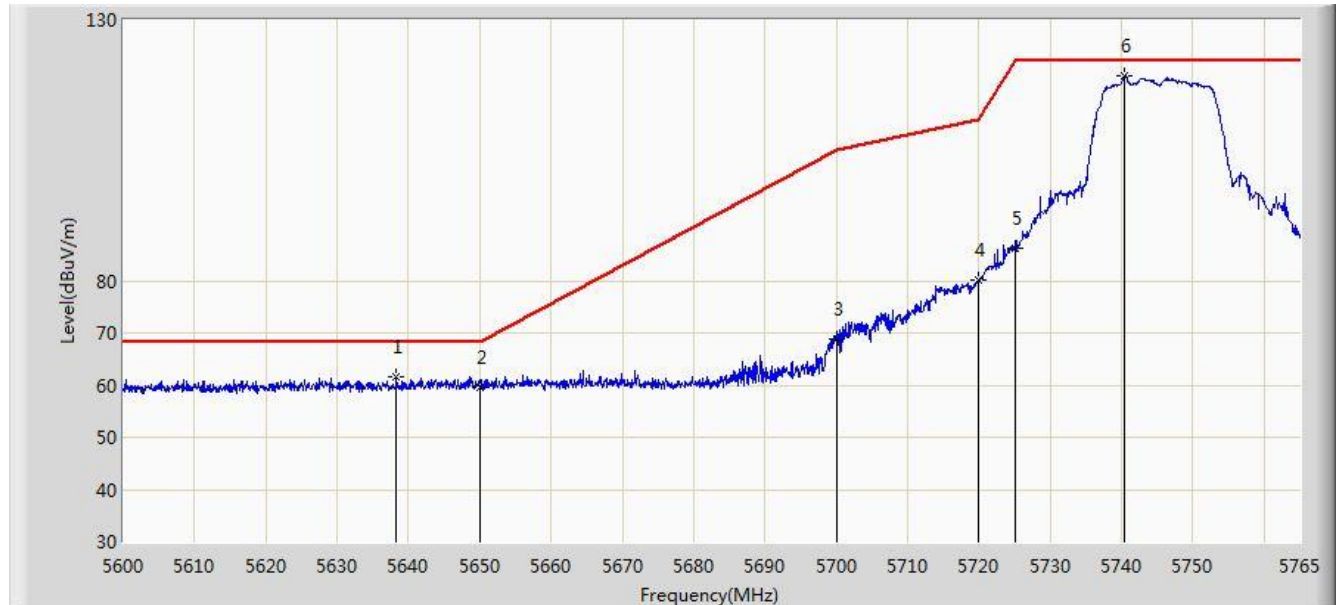


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5699.040	103.261	96.284	N/A	N/A	6.976	AV
2			5725.000	50.465	43.300	-3.535	54.000	7.165	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

Site: AC2	Time: 2017/12/14 - 23:11
Limit: FCC_Part15.407_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: G-140W-C	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5745MHz Ant 0 + 1	

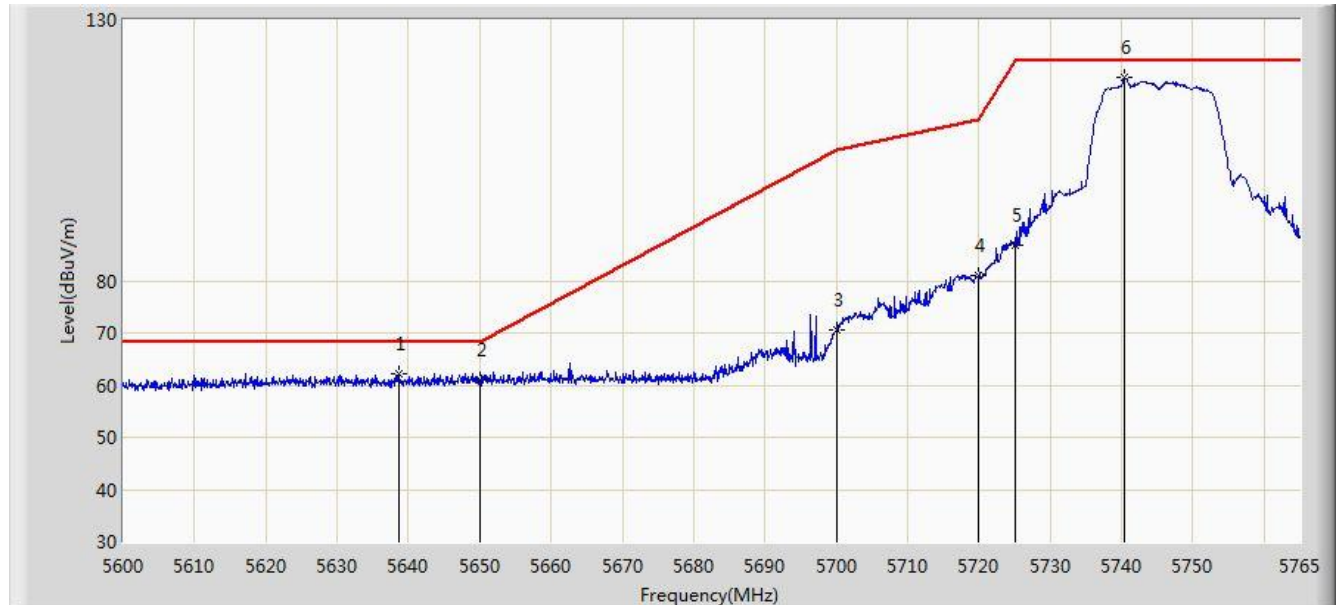


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5638.280	61.541	54.632	-6.659	68.200	6.909	PK
2			5650.000	59.628	52.645	-8.572	68.200	6.983	PK
3			5700.000	68.948	61.970	-36.252	105.200	6.978	PK
4			5720.000	80.229	73.115	-30.571	110.800	7.114	PK
5			5725.000	86.371	79.206	-35.829	122.200	7.165	PK
6		*	5740.498	119.370	112.054	N/A	N/A	7.316	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

Site: AC2	Time: 2017/12/14 - 23:12
Limit: FCC_Part15.407_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: G-140W-C	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5745MHz Ant 0 + 1	

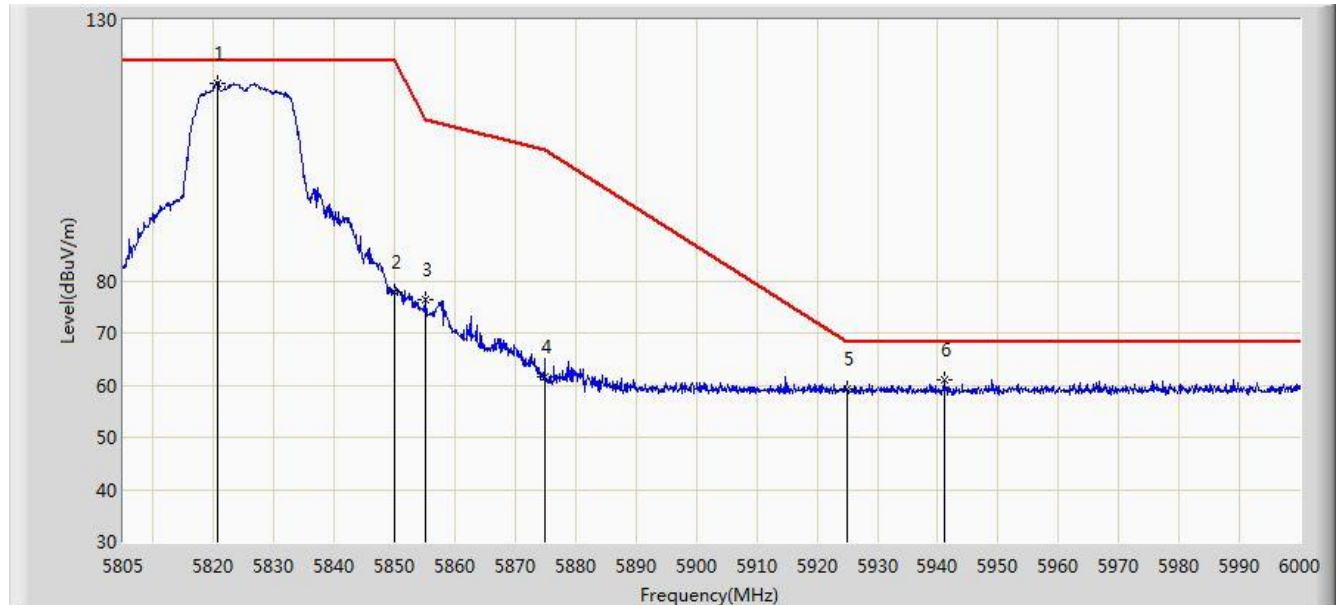


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5638.610	62.054	55.142	-6.146	68.200	6.913	PK
2			5650.000	60.909	53.926	-7.291	68.200	6.983	PK
3			5700.000	70.609	63.631	-34.591	105.200	6.978	PK
4			5720.000	81.122	74.008	-29.678	110.800	7.114	PK
5			5725.000	86.865	79.700	-35.335	122.200	7.165	PK
6		*	5740.415	118.861	111.546	N/A	N/A	7.315	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

Site: AC2	Time: 2017/12/14 - 23:19
Limit: FCC_Part15.407_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: G-140W-C	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5825MHz Ant 0 + 1	

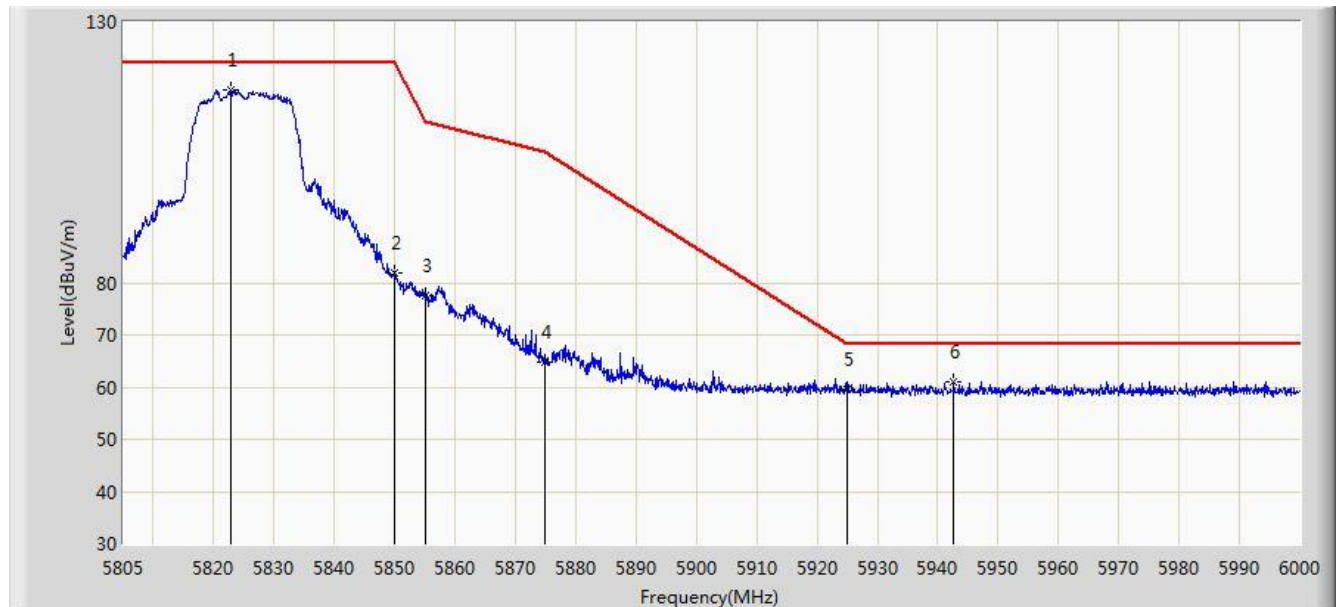


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5820.697	117.962	110.270	N/A	N/A	7.692	PK
2			5850.000	77.909	70.010	-44.291	122.200	7.899	PK
3			5855.000	76.288	68.382	-34.512	110.800	7.905	PK
4			5875.000	61.569	53.661	-43.631	105.200	7.909	PK
5			5925.000	59.363	51.330	-8.837	68.200	8.033	PK
6			5941.013	61.078	52.995	-7.122	68.200	8.083	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

Site: AC2	Time: 2017/12/14 - 23:21
Limit: FCC_Part15.407_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: G-140W-C	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5825MHz Ant 0 + 1	

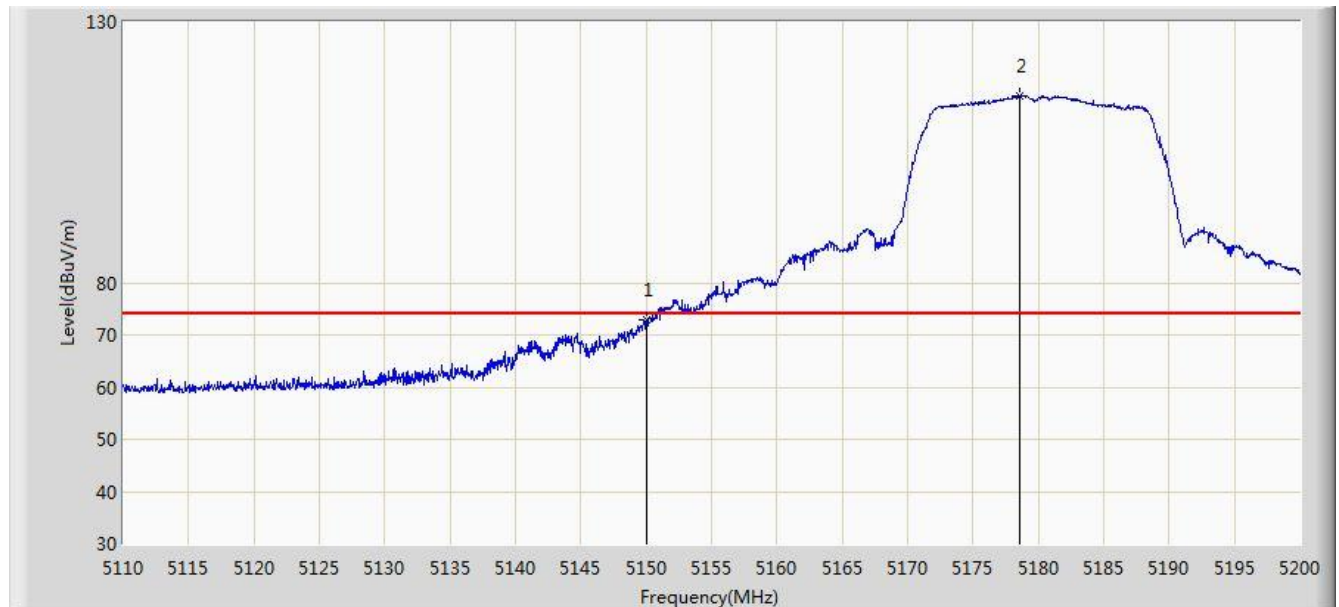


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5822.940	116.872	109.155	N/A	N/A	7.717	PK
2			5850.000	81.846	73.947	-40.354	122.200	7.899	PK
3			5855.000	77.450	69.544	-33.350	110.800	7.905	PK
4			5875.000	64.655	56.747	-40.545	105.200	7.909	PK
5			5925.000	59.656	51.623	-8.544	68.200	8.033	PK
6			5942.670	60.984	52.898	-7.216	68.200	8.086	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

Site: AC2	Time: 2017/12/14 - 23:17
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: G-140W-C	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5180MHz Ant 0 + 1	

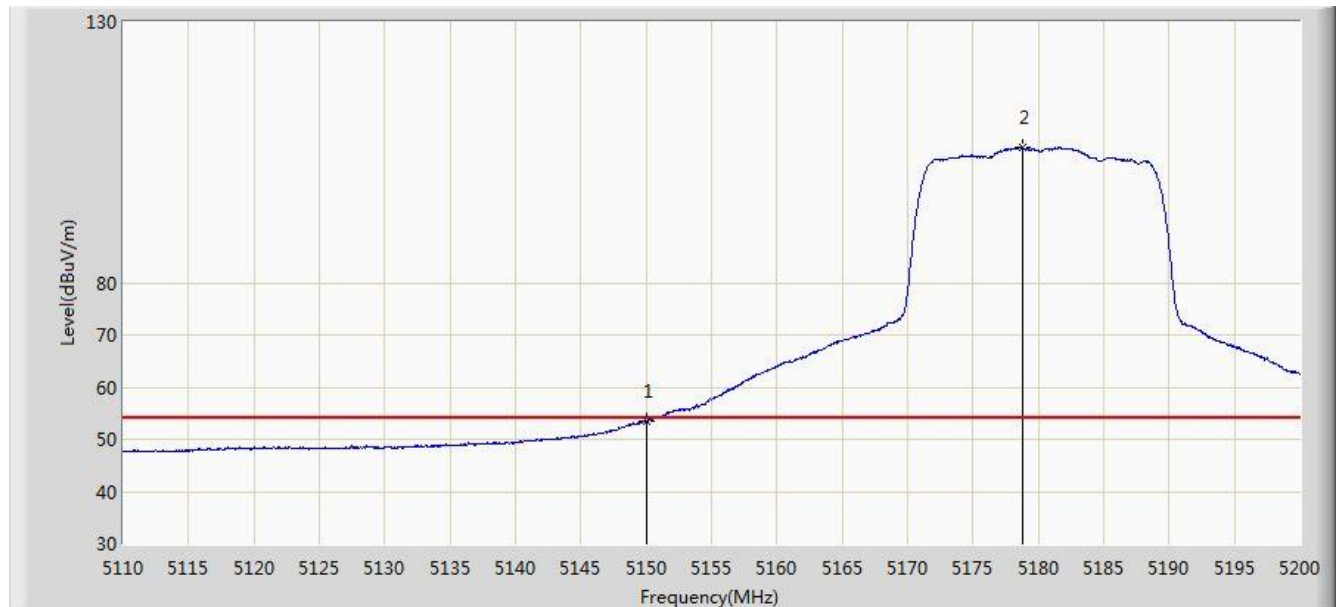


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	72.975	66.852	-1.025	74.000	6.123	PK
2		*	5178.535	115.773	109.678	N/A	N/A	6.095	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

Site: AC2	Time: 2017/12/14 - 23:16
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: G-140W-C	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5180MHz Ant 0 + 1	



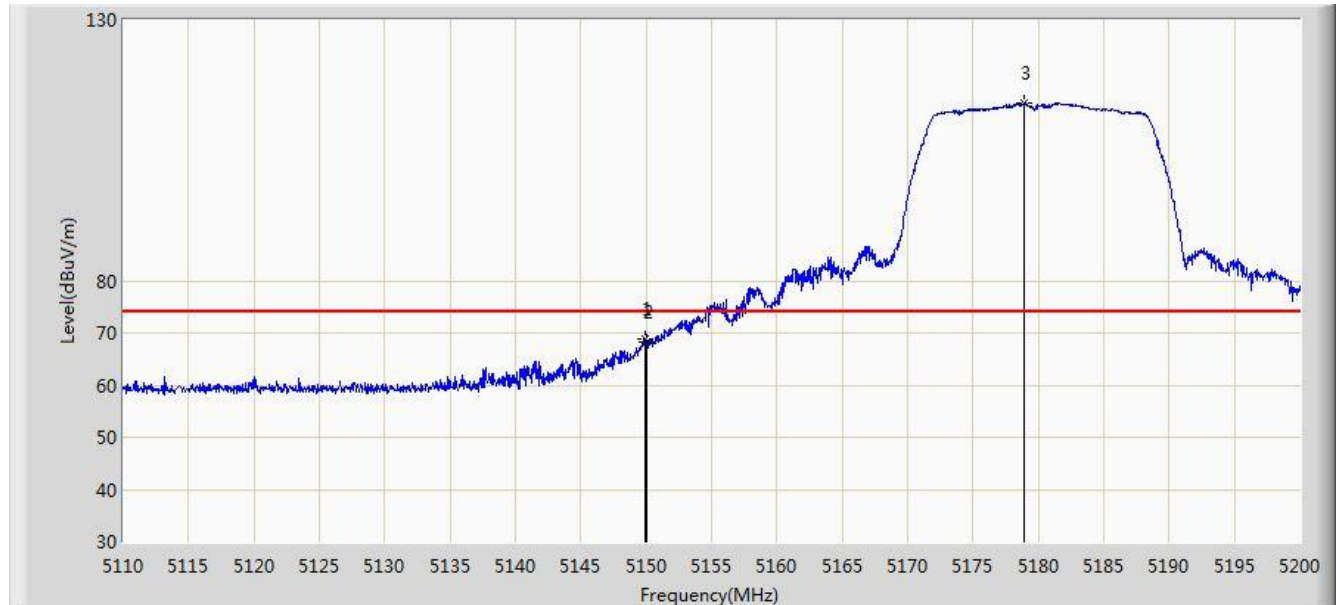
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	53.404	47.281	-0.596	54.000	6.123	AV
2		*	5178.760	105.963	99.869	N/A	N/A	6.094	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)



Site: AC2	Time: 2017/12/14 - 23:17
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: G-140W-C	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5180MHz Ant 0 + 1	

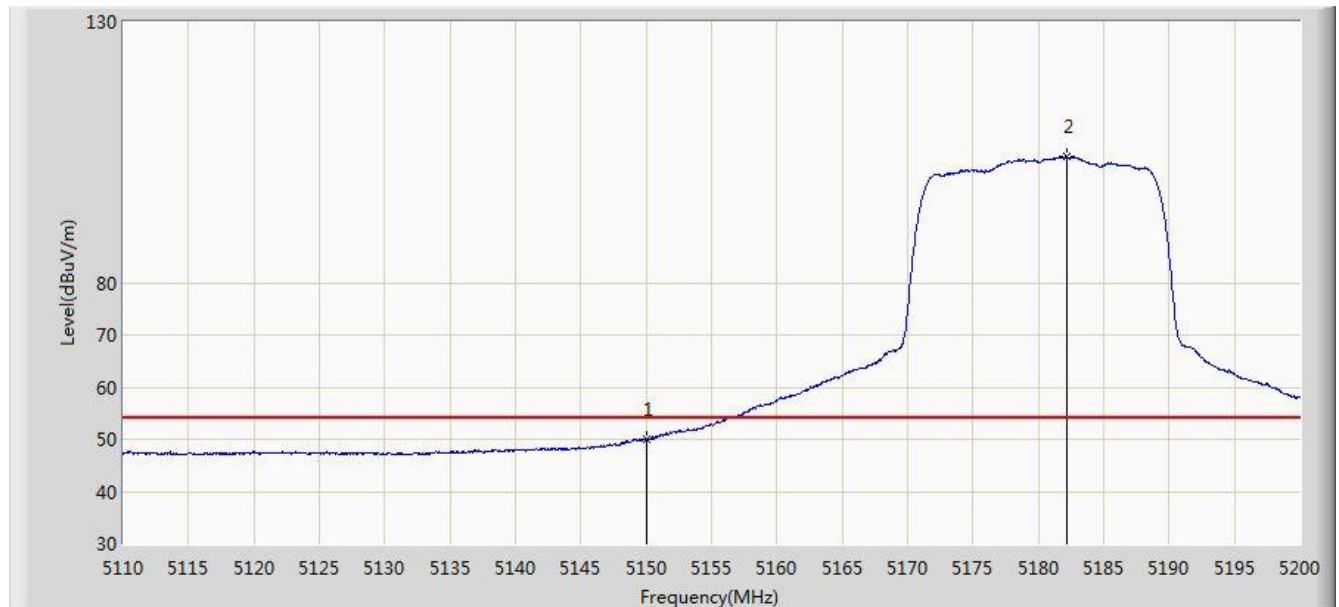


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.960	68.865	62.742	-5.135	74.000	6.123	PK
2			5150.000	68.337	62.214	-5.663	74.000	6.123	PK
3		*	5178.940	114.018	107.924	N/A	N/A	6.094	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

Site: AC2	Time: 2017/12/14 - 23:18
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: G-140W-C	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5180MHz Ant 0 + 1	

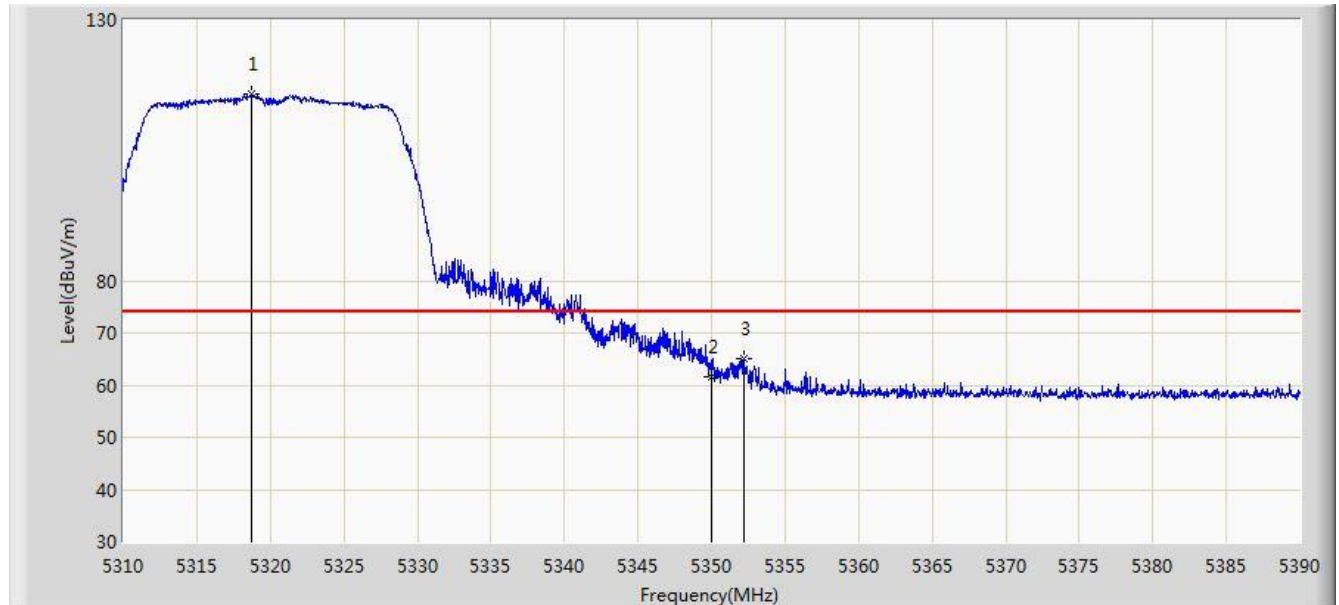


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	49.985	43.862	-4.015	54.000	6.123	AV
2		*	5182.135	104.126	98.042	N/A	N/A	6.084	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

Site: AC2	Time: 2017/12/21 - 02:25
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: G-140W-C	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5320MHz Ant 0 + 1	

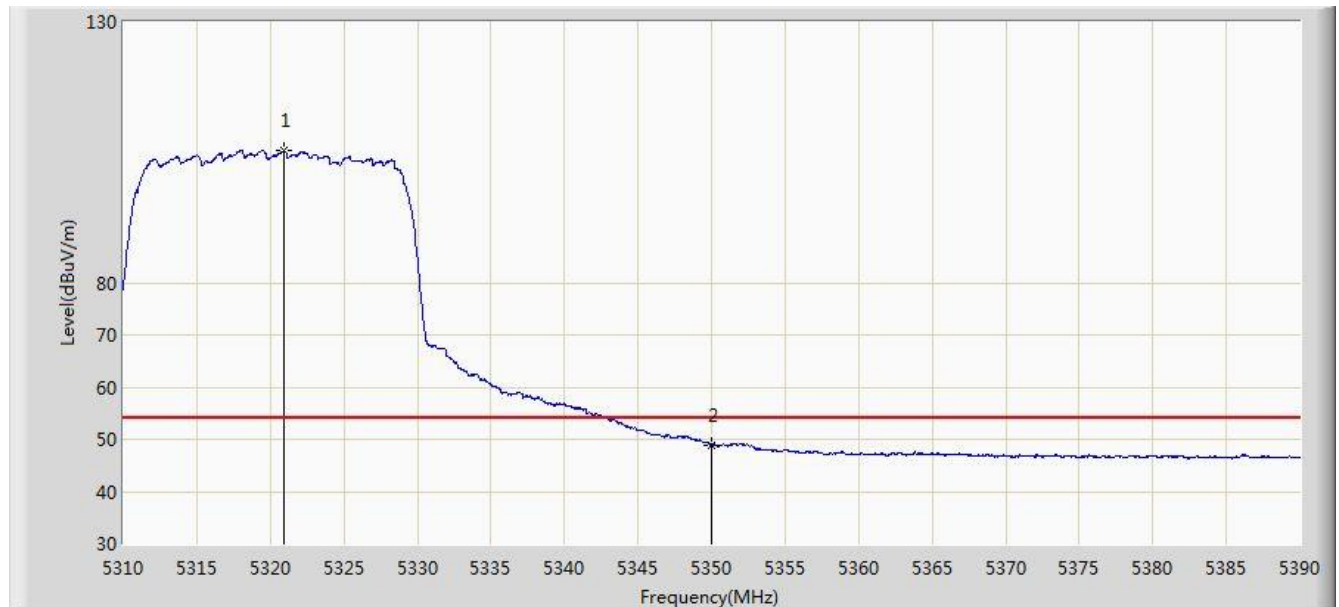


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5318.680	115.686	109.957	N/A	N/A	5.728	PK
2			5350.000	61.641	55.658	-12.359	74.000	5.983	PK
3			5352.200	64.964	58.960	-9.036	74.000	6.003	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

Site: AC2	Time: 2017/12/21 - 02:27
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: G-140W-C	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5320MHz Ant 0 + 1	

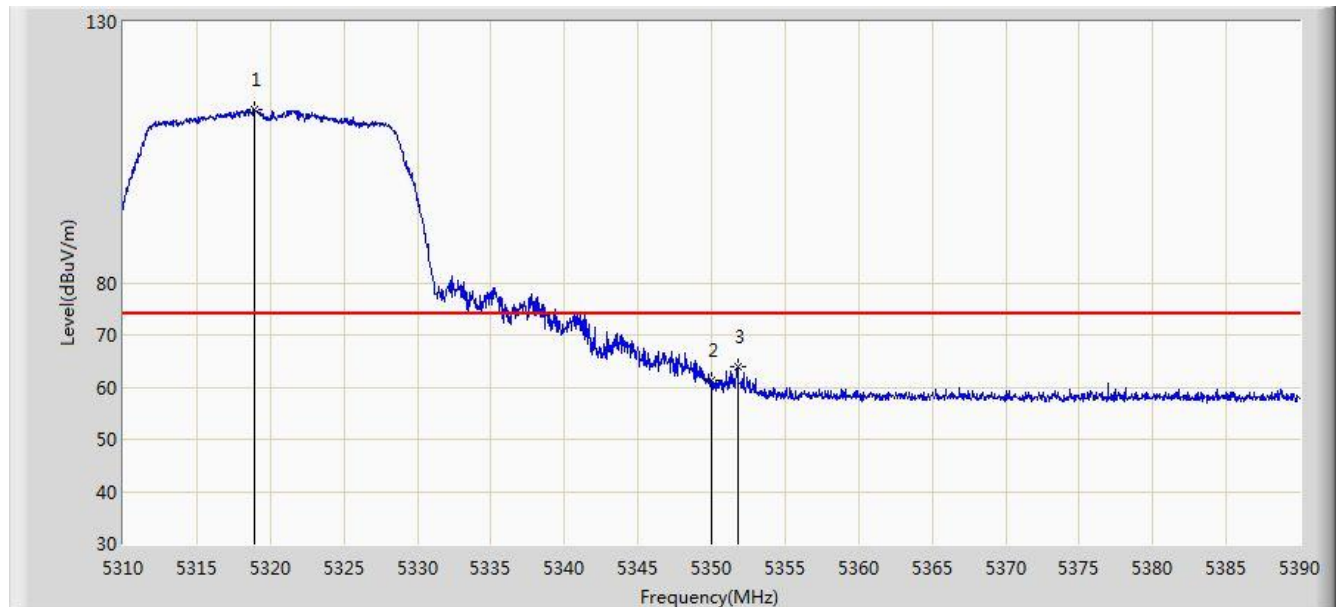


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5320.960	105.353	99.609	N/A	N/A	5.743	AV
2			5350.000	48.974	42.991	-5.026	54.000	5.983	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

Site: AC2	Time: 2017/12/21 - 02:28
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: G-140W-C	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5320MHz Ant 0 + 1	

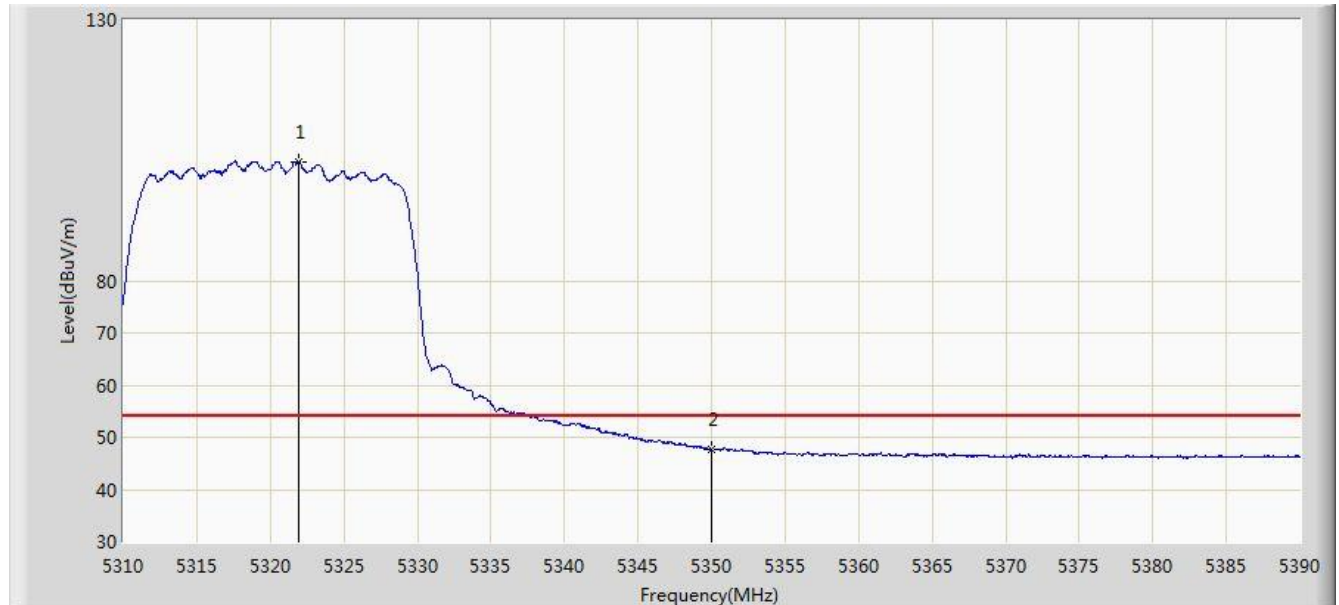


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5318.960	113.088	107.358	N/A	N/A	5.730	PK
2			5350.000	61.213	55.230	-12.787	74.000	5.983	PK
3			5351.760	63.980	57.980	-10.020	74.000	6.000	PK

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: 2017/12/21 - 02:29
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: G-140W-C	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5320MHz Ant 0 + 1	

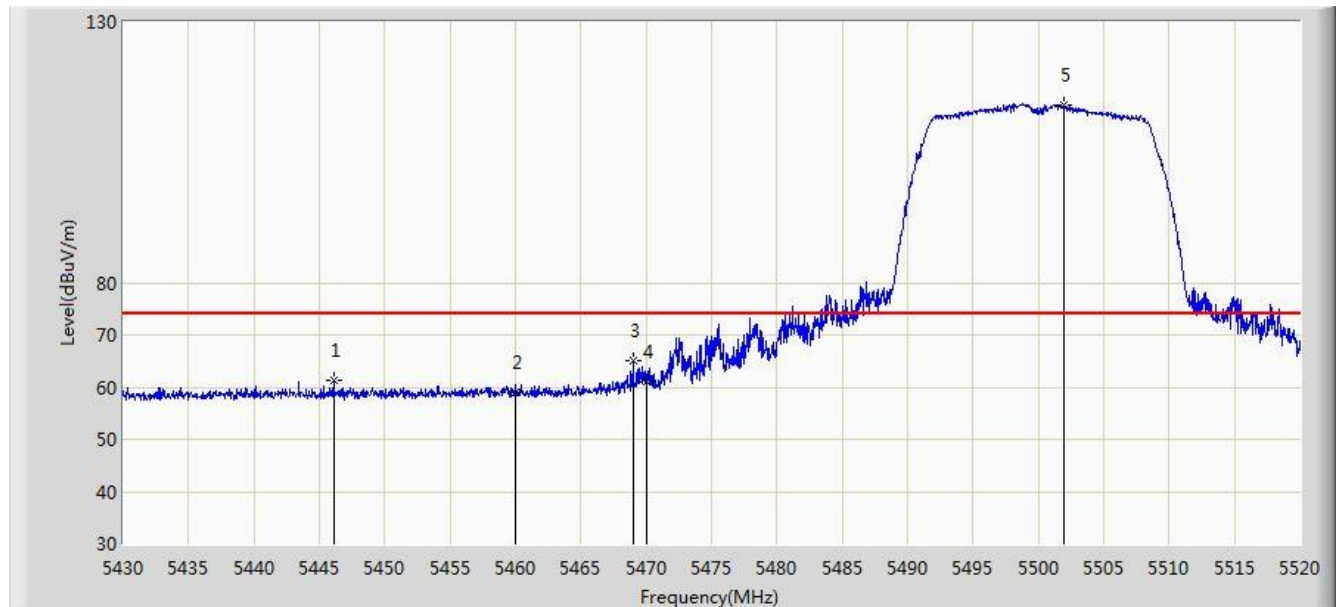


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5321.960	102.897	97.147	N/A	N/A	5.750	AV
2			5350.000	47.616	41.633	-6.384	54.000	5.983	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

Site: AC2	Time: 2017/12/21 - 02:30
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: G-140W-C	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5500MHz Ant 0 + 1	

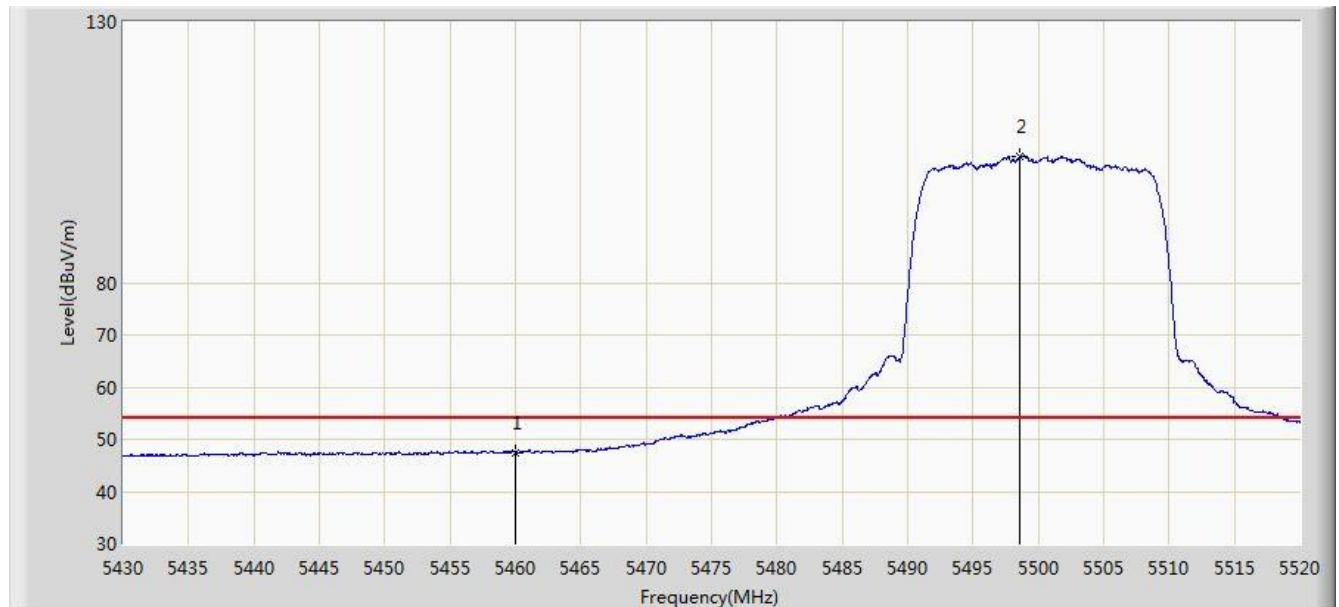


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5446.110	61.228	54.828	-12.772	74.000	6.400	PK
2			5460.000	58.905	52.452	-15.095	74.000	6.452	PK
3			5468.970	65.006	58.555	-8.994	74.000	6.450	PK
4			5470.000	61.136	54.686	-12.864	74.000	6.451	PK
5		*	5501.955	114.018	107.596	N/A	N/A	6.423	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

Site: AC2	Time: 2017/12/21 - 02:32
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: G-140W-C	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5500MHz Ant 0 + 1	



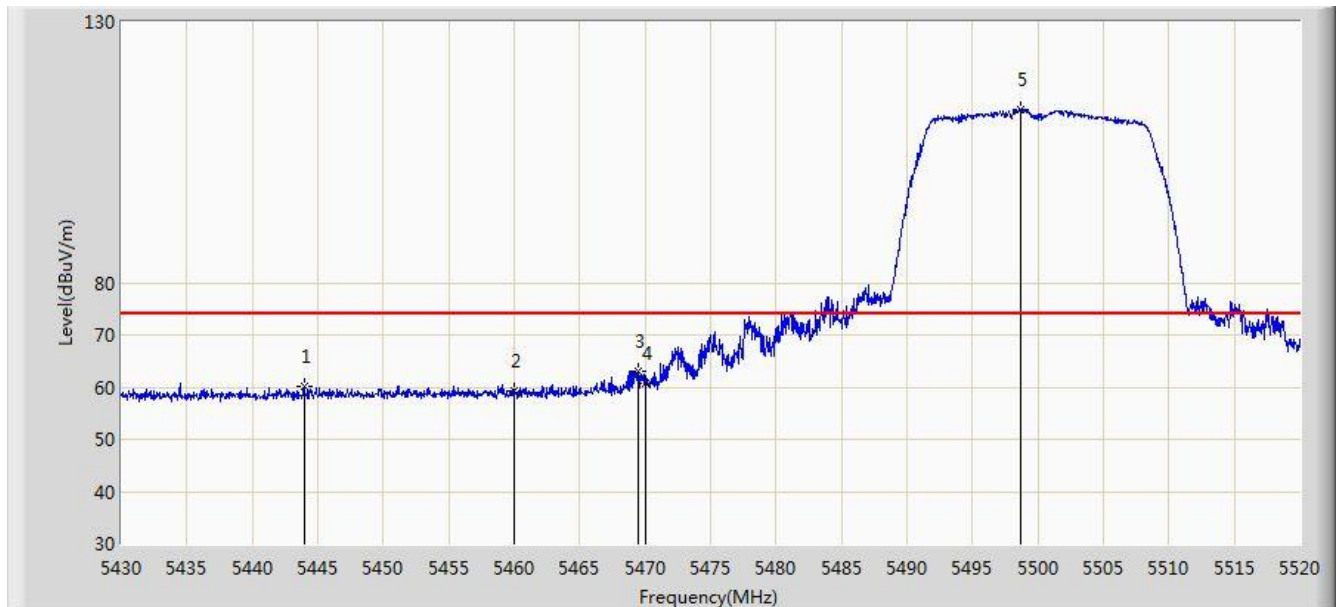
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	47.470	41.017	-6.530	54.000	6.452	AV
2		*	5498.625	104.073	97.654	N/A	N/A	6.419	AV

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)



Site: AC2	Time: 2017/12/21 - 02:33
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: G-140W-C	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5500MHz Ant 0 + 1	

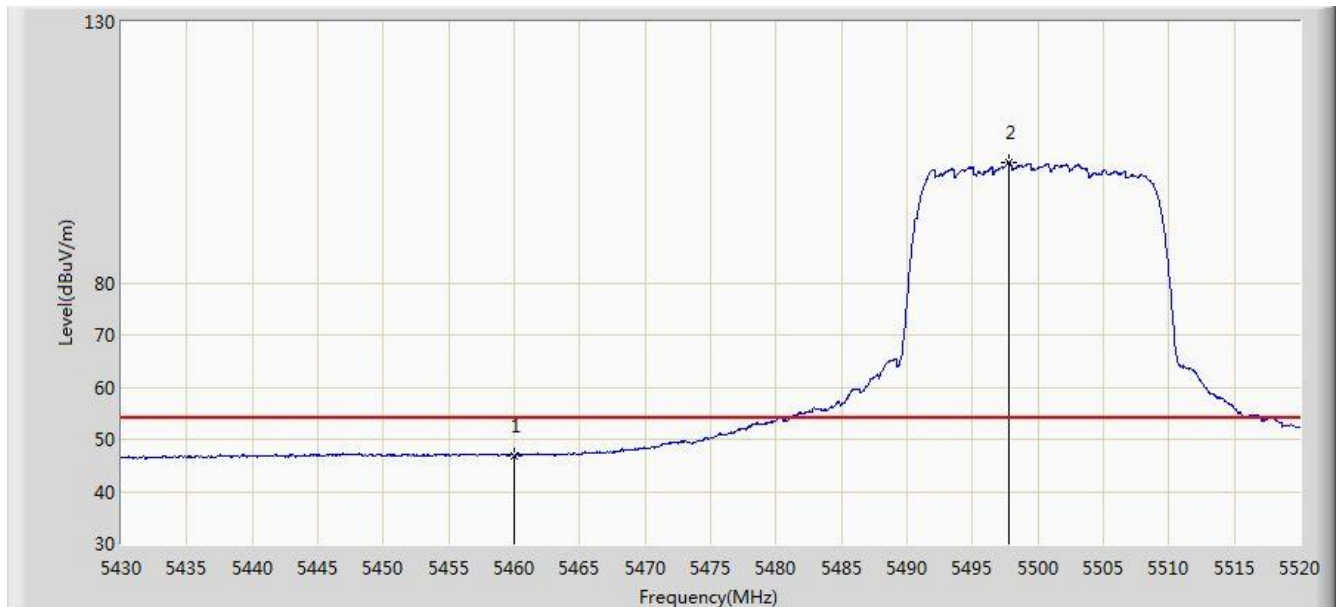


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5443.950	60.289	53.903	-13.711	74.000	6.386	PK
2			5460.000	59.375	52.922	-14.625	74.000	6.452	PK
3			5469.420	63.056	56.605	-10.944	74.000	6.451	PK
4			5470.000	60.675	54.225	-13.325	74.000	6.451	PK
5		*	5498.715	113.237	106.818	N/A	N/A	6.419	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

Site: AC2	Time: 2017/12/21 - 02:35
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: G-140W-C	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5500MHz Ant 0 + 1	

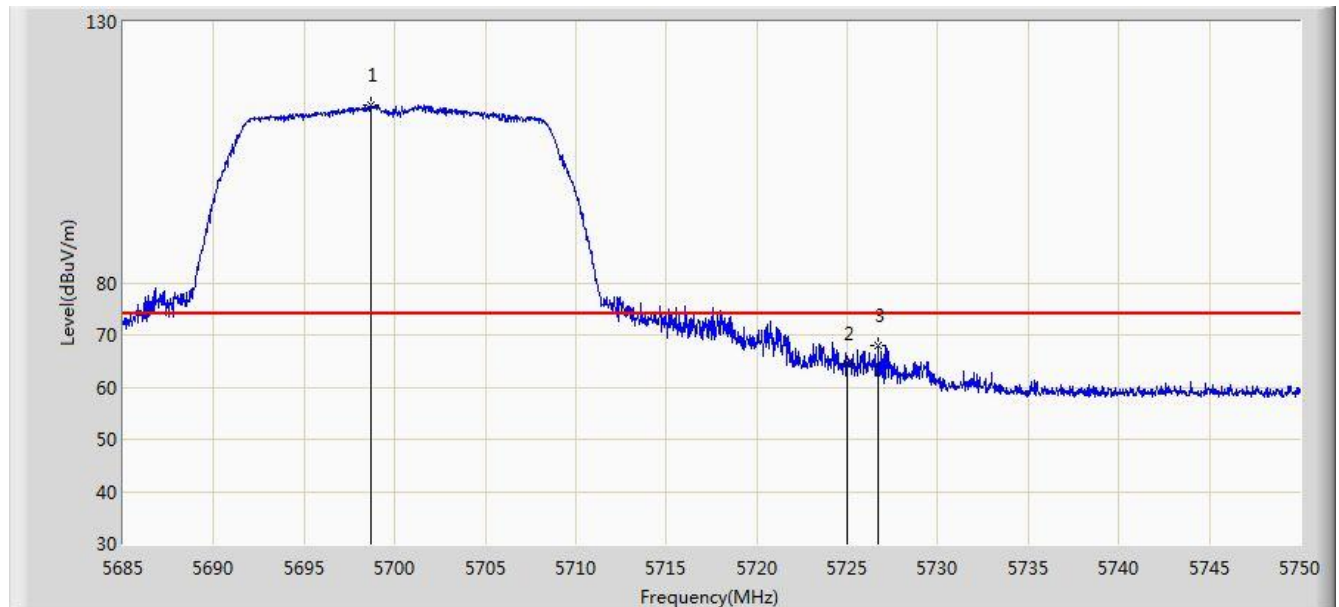


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	46.944	40.491	-7.056	54.000	6.452	AV
2		*	5497.815	103.001	96.583	N/A	N/A	6.417	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

Site: AC2	Time: 2017/12/21 - 02:36
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: G-140W-C	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5700MHz Ant 0 + 1	

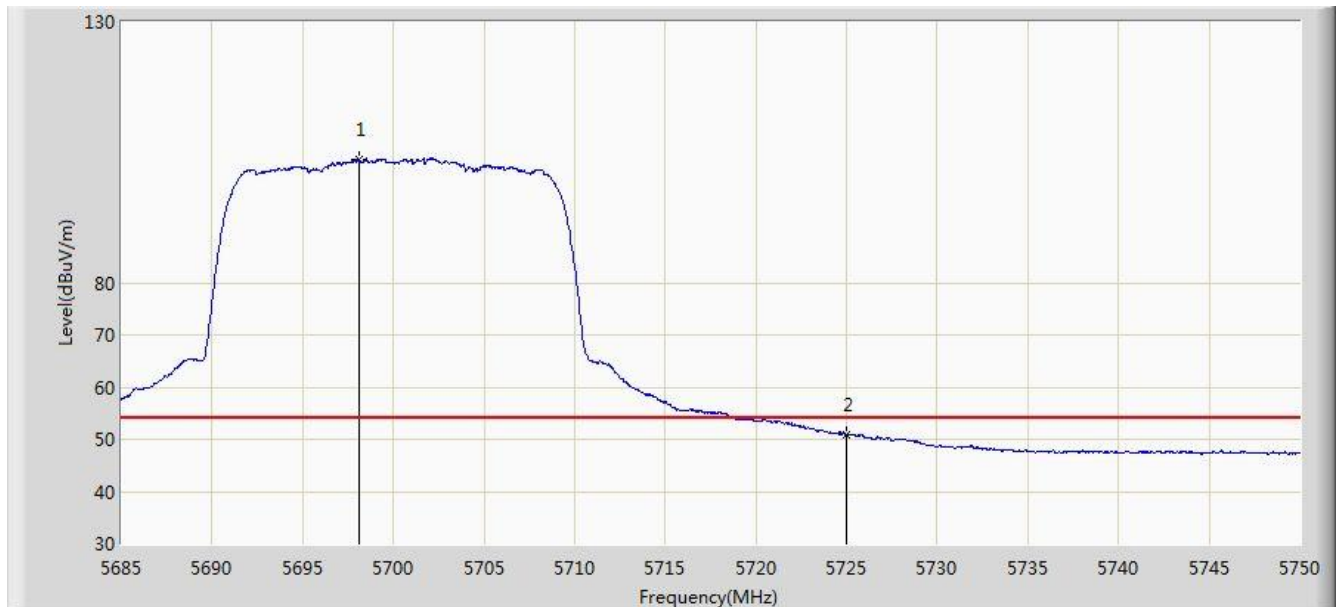


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5698.683	113.954	106.978	N/A	N/A	6.976	PK
2			5725.000	64.436	57.271	-9.564	74.000	7.165	PK
3			5726.730	67.934	60.751	-6.066	74.000	7.184	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

Site: AC2	Time: 2017/12/21 - 02:38
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: G-140W-C	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5700MHz Ant 0 + 1	

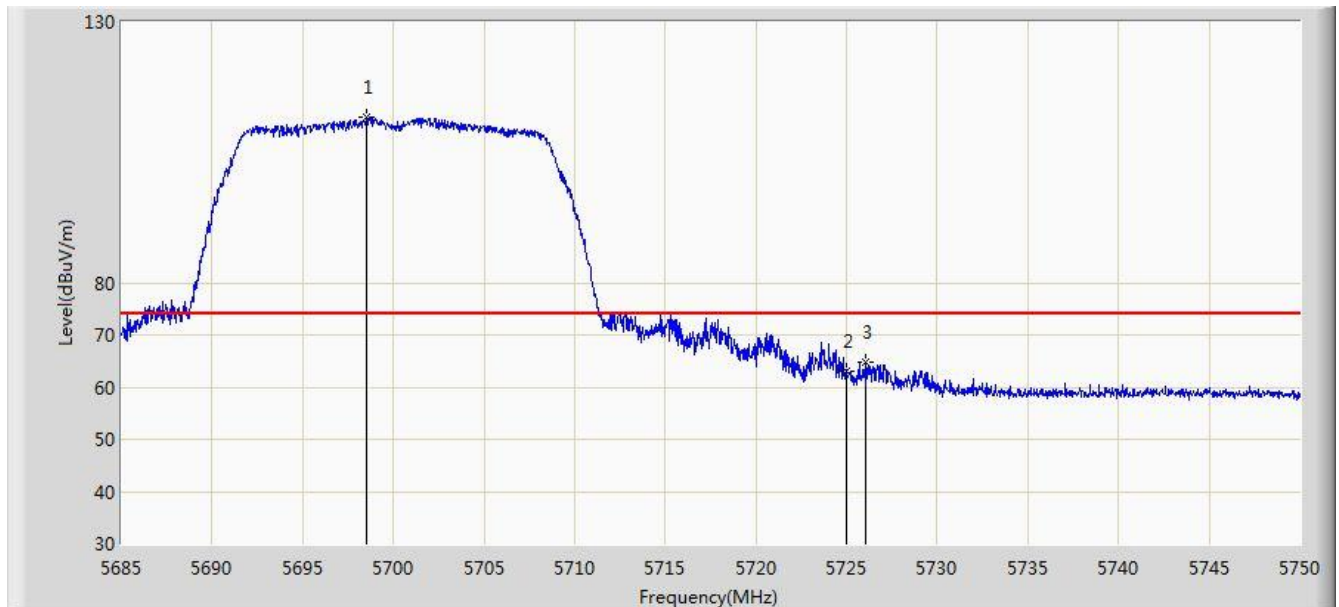


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5698.098	103.768	96.793	N/A	N/A	6.976	AV
2			5725.000	50.842	43.677	-3.158	54.000	7.165	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

Site: AC2	Time: 2017/12/21 - 02:39
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: G-140W-C	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5700MHz Ant 0 + 1	

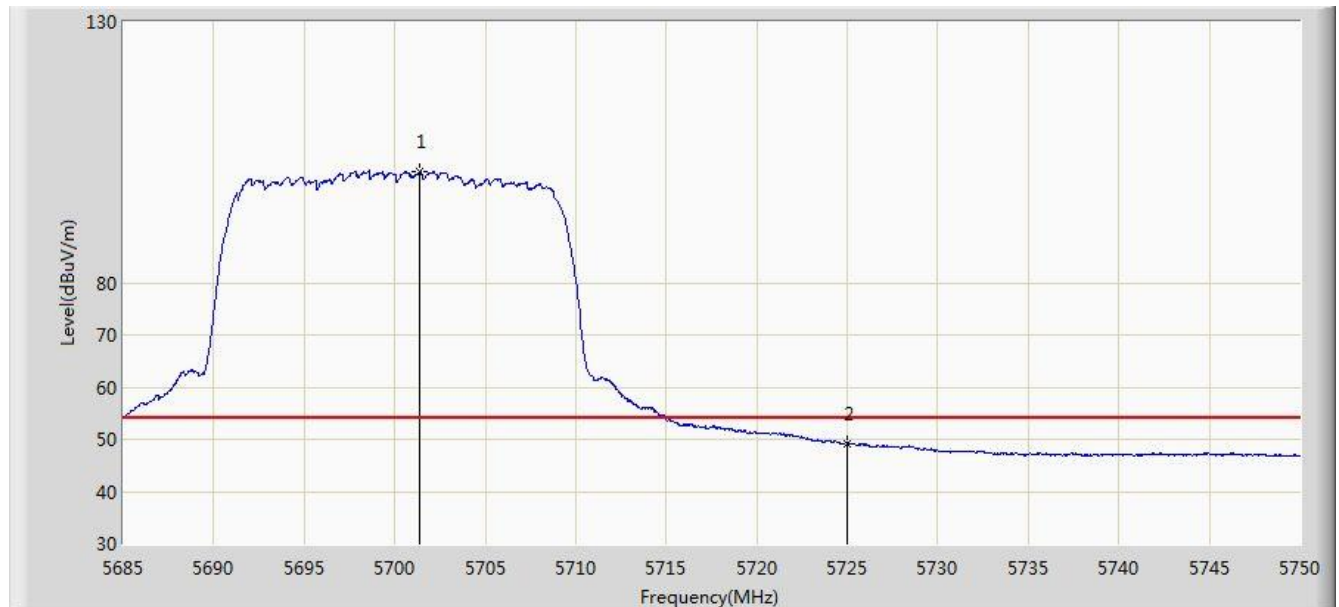


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5698.553	111.628	104.652	N/A	N/A	6.975	PK
2			5725.000	62.978	55.813	-11.022	74.000	7.165	PK
3			5726.015	64.894	57.718	-9.106	74.000	7.176	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

Site: AC2	Time: 2017/12/21 - 02:40
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: G-140W-C	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5700MHz Ant 0 + 1	

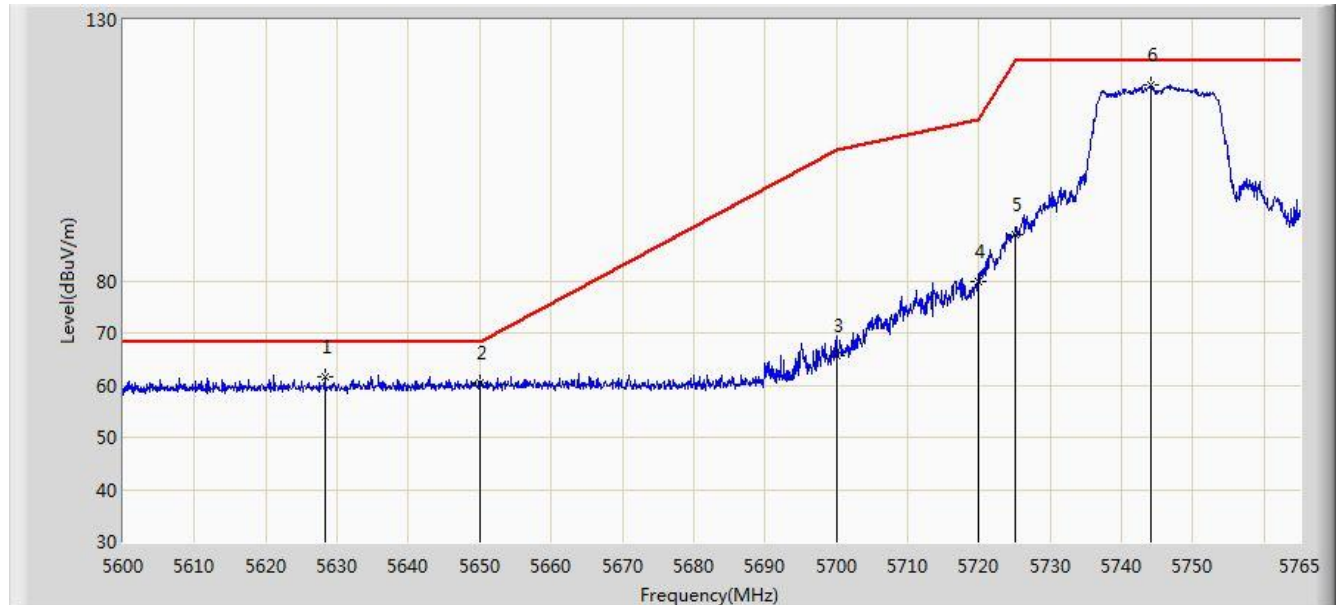


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5701.380	101.318	94.338	N/A	N/A	6.980	AV
2			5725.000	49.231	42.066	-4.769	54.000	7.165	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

Site: AC2	Time: 2017/12/14 - 23:44
Limit: FCC_Part15.407_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: G-140W-C	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5745MHz Ant 0 + 1	

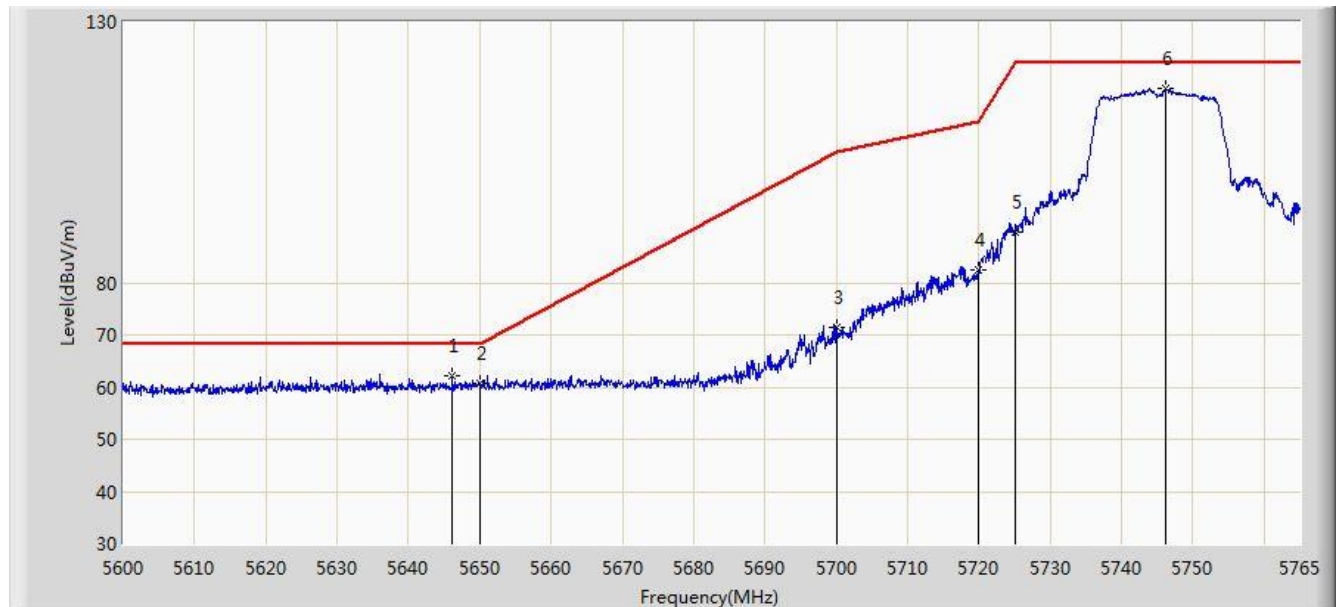


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5628.297	61.668	54.842	-6.532	68.200	6.826	PK
2			5650.000	60.385	53.402	-7.815	68.200	6.983	PK
3			5700.000	65.691	58.713	-39.509	105.200	6.978	PK
4			5720.000	79.809	72.695	-30.991	110.800	7.114	PK
5			5725.000	88.803	81.638	-33.397	122.200	7.165	PK
6		*	5744.210	117.536	110.189	N/A	N/A	7.347	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

Site: AC2	Time: 2017/12/14 - 23:46
Limit: FCC_Part15.407_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: G-140W-C	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5745MHz Ant 0 + 1	



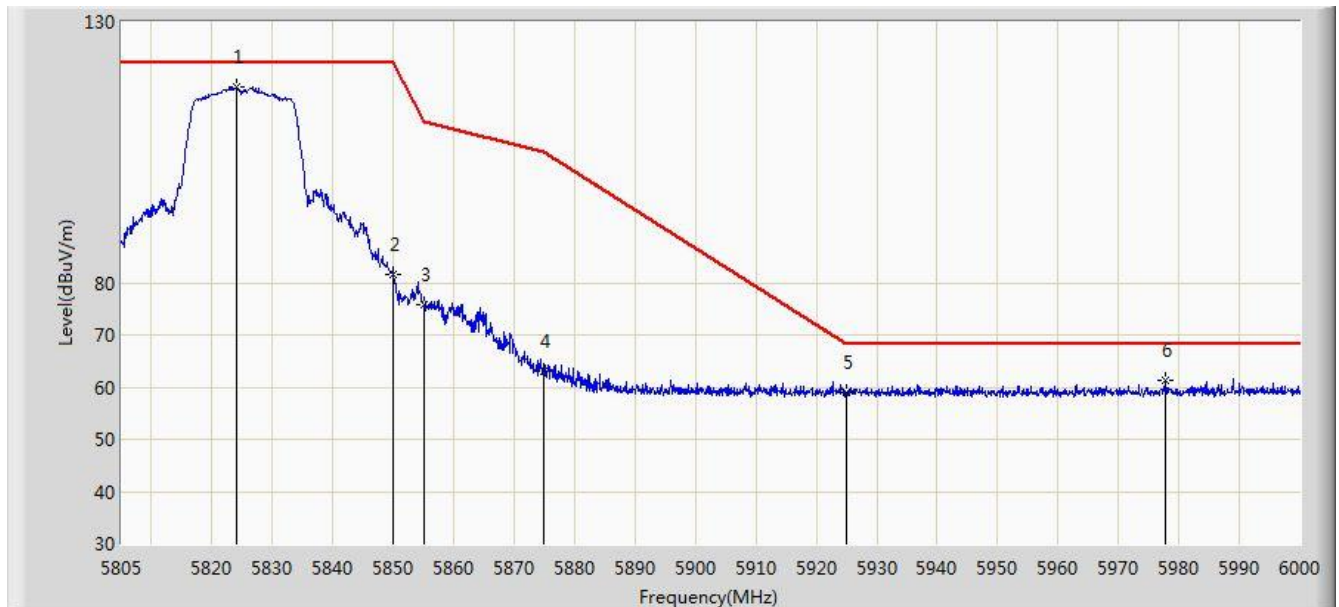
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5646.118	62.186	55.225	-6.014	68.200	6.961	PK
2			5650.000	60.621	53.638	-7.579	68.200	6.983	PK
3			5700.000	71.367	64.389	-33.833	105.200	6.978	PK
4			5720.000	82.511	75.397	-28.289	110.800	7.114	PK
5			5725.000	89.626	82.461	-32.574	122.200	7.165	PK
6		*	5746.272	117.187	109.825	N/A	N/A	7.361	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)



Site: AC2	Time: 2017/12/14 - 23:47
Limit: FCC_Part15.407_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: G-140W-C	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5825MHz Ant 0 + 1	

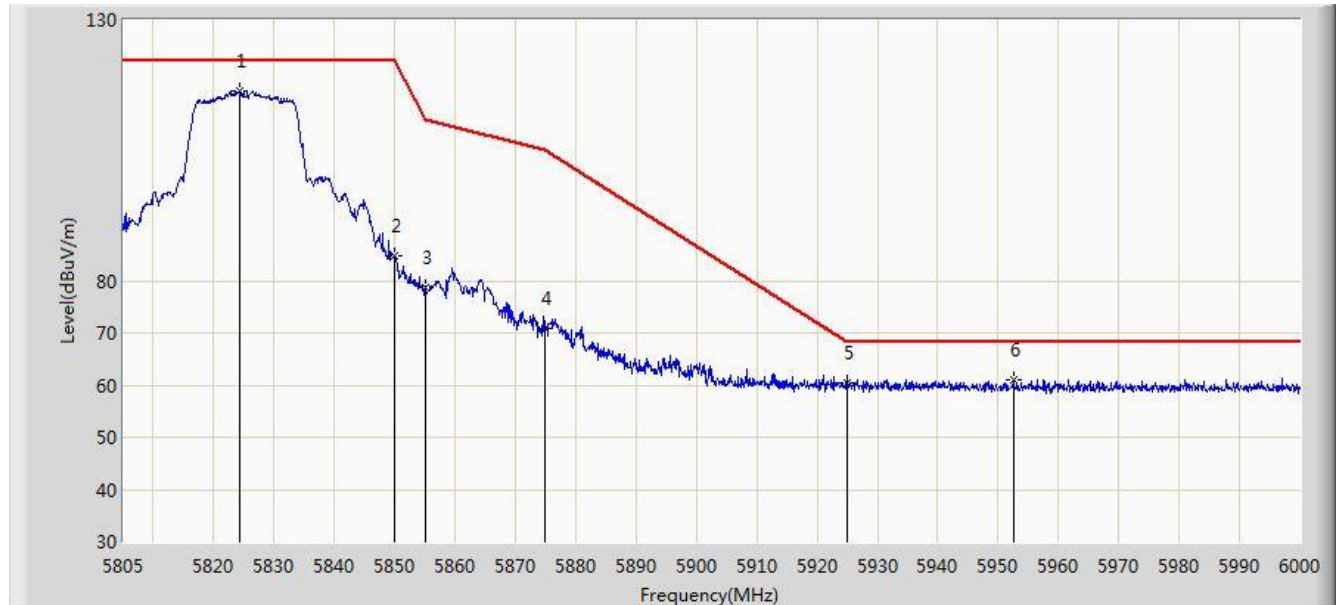


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5824.110	117.490	109.761	N/A	N/A	7.729	PK
2			5850.000	81.530	73.631	-40.670	122.200	7.899	PK
3			5855.000	75.916	68.010	-34.884	110.800	7.905	PK
4			5875.000	63.175	55.267	-42.025	105.200	7.909	PK
5			5925.000	59.105	51.072	-9.095	68.200	8.033	PK
6			5977.868	61.387	53.318	-6.813	68.200	8.069	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

Site: AC2	Time: 2017/12/14 - 23:48
Limit: FCC_Part15.407_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: G-140W-C	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5825MHz Ant 0 + 1	

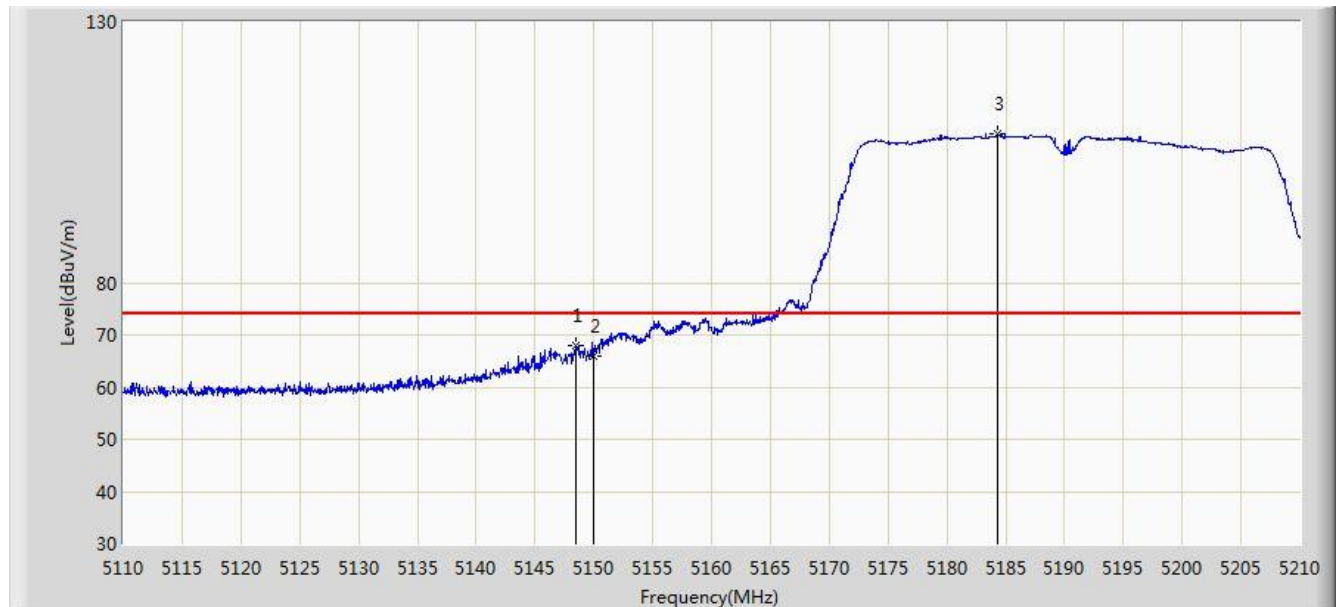


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5824.305	116.464	108.732	N/A	N/A	7.732	PK
2			5850.000	84.895	76.996	-37.305	122.200	7.899	PK
3			5855.000	78.641	70.735	-32.159	110.800	7.905	PK
4			5875.000	70.958	63.050	-34.242	105.200	7.909	PK
5			5925.000	60.560	52.527	-7.640	68.200	8.033	PK
6			5952.518	60.981	52.889	-7.219	68.200	8.092	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

Site: AC2	Time: 2017/12/14 - 23:55
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: G-140W-C	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5190MHz Ant 0 + 1	

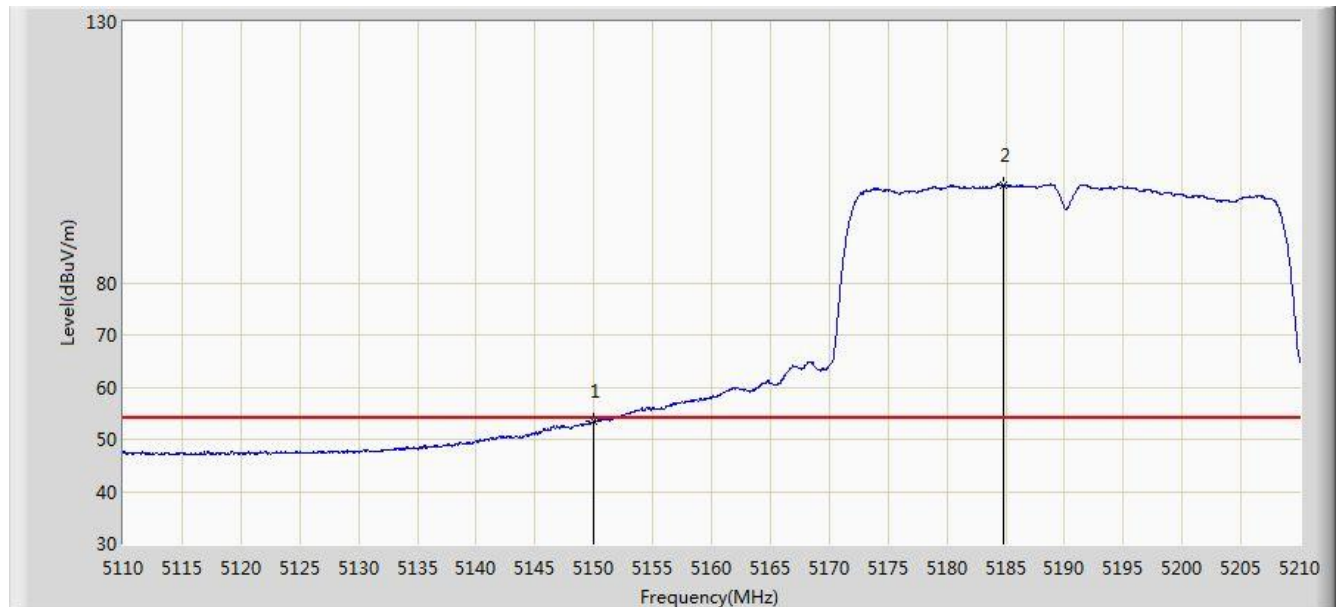


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.450	68.072	61.952	-5.928	74.000	6.120	PK
2			5150.000	65.970	59.847	-8.030	74.000	6.123	PK
3		*	5184.250	108.544	102.477	N/A	N/A	6.067	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

Site: AC2	Time: 2017/12/14 - 23:54
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: G-140W-C	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5190MHz Ant 0 + 1	

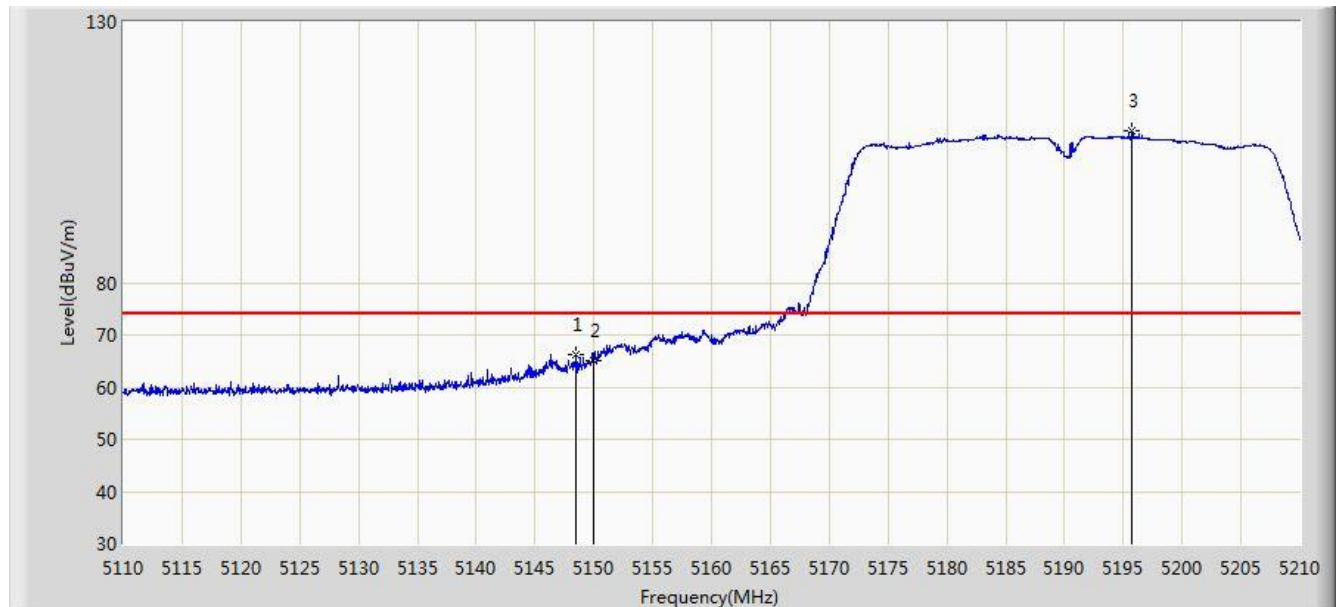


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	53.447	47.324	-0.553	54.000	6.123	AV
2		*	5184.850	98.833	92.771	N/A	N/A	6.062	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

Site: AC2	Time: 2017/12/14 - 23:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: G-140W-C	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5190MHz Ant 0 + 1	

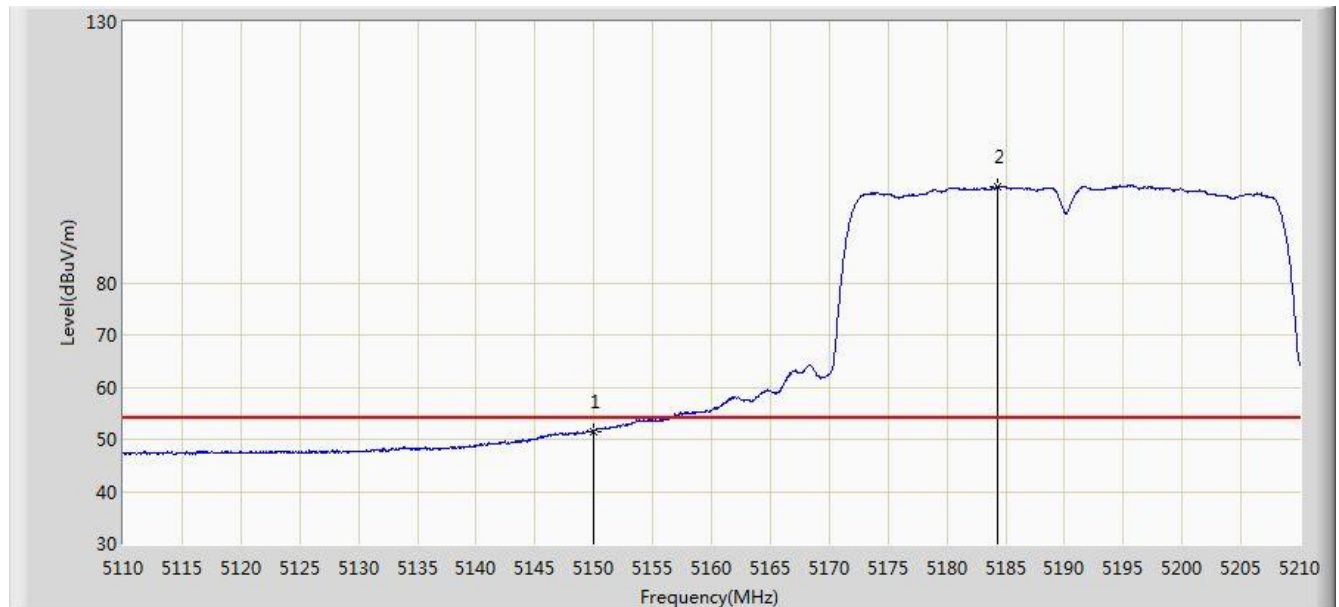


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.500	66.315	60.195	-7.685	74.000	6.120	PK
2			5150.000	65.017	58.894	-8.983	74.000	6.123	PK
3		*	5195.750	109.140	103.164	N/A	N/A	5.975	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

Site: AC2	Time: 2017/12/14 - 23:57
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: G-140W-C	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5190MHz Ant 0 + 1	

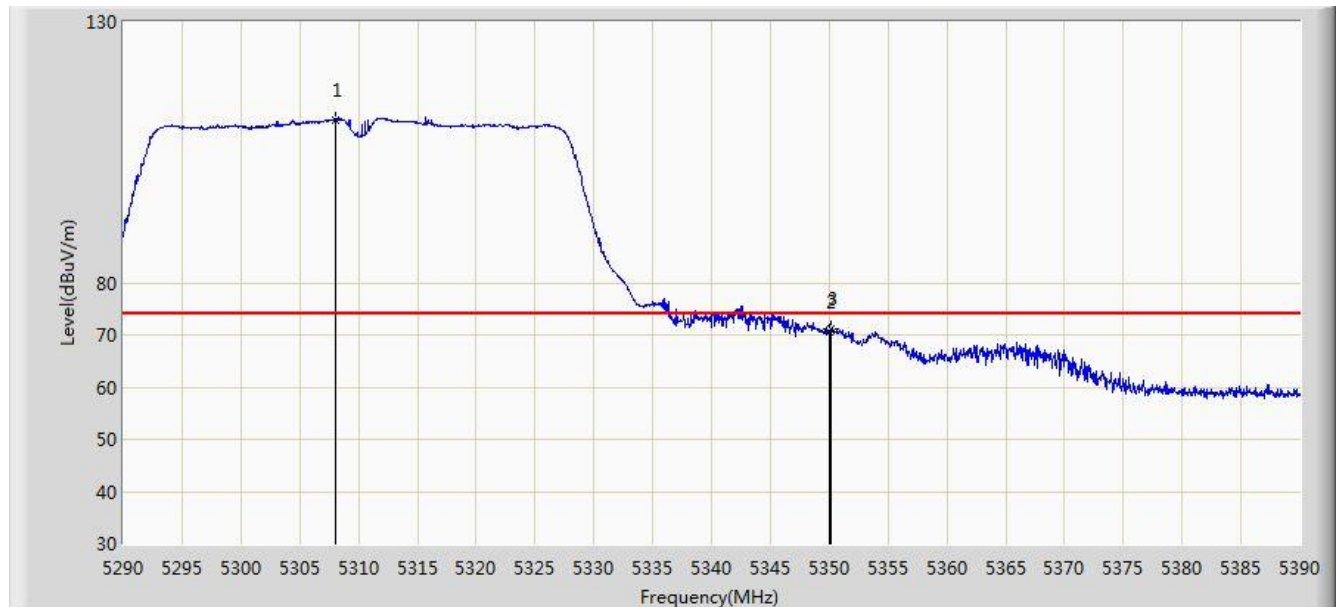


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	51.567	45.444	-2.433	54.000	6.123	AV
2		*	5184.300	98.527	92.460	N/A	N/A	6.066	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

Site: AC2	Time: 2017/12/15 - 00:02
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: G-140W-C	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5310MHz Ant 0 + 1	

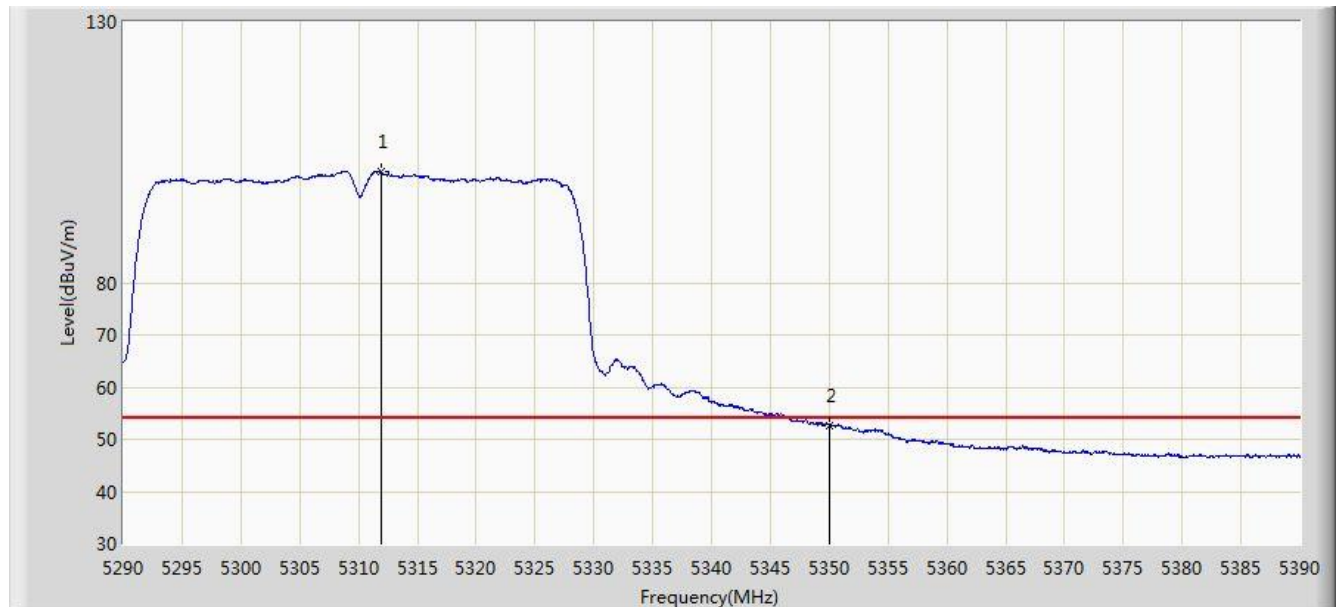


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5308.000	111.245	105.557	N/A	N/A	5.687	PK
2			5350.000	70.638	64.655	-3.362	74.000	5.983	PK
3			5350.150	71.064	65.080	-2.936	74.000	5.984	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

Site: AC2	Time: 2017/12/15 - 00:00
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: G-140W-C	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5310MHz Ant 0 + 1	



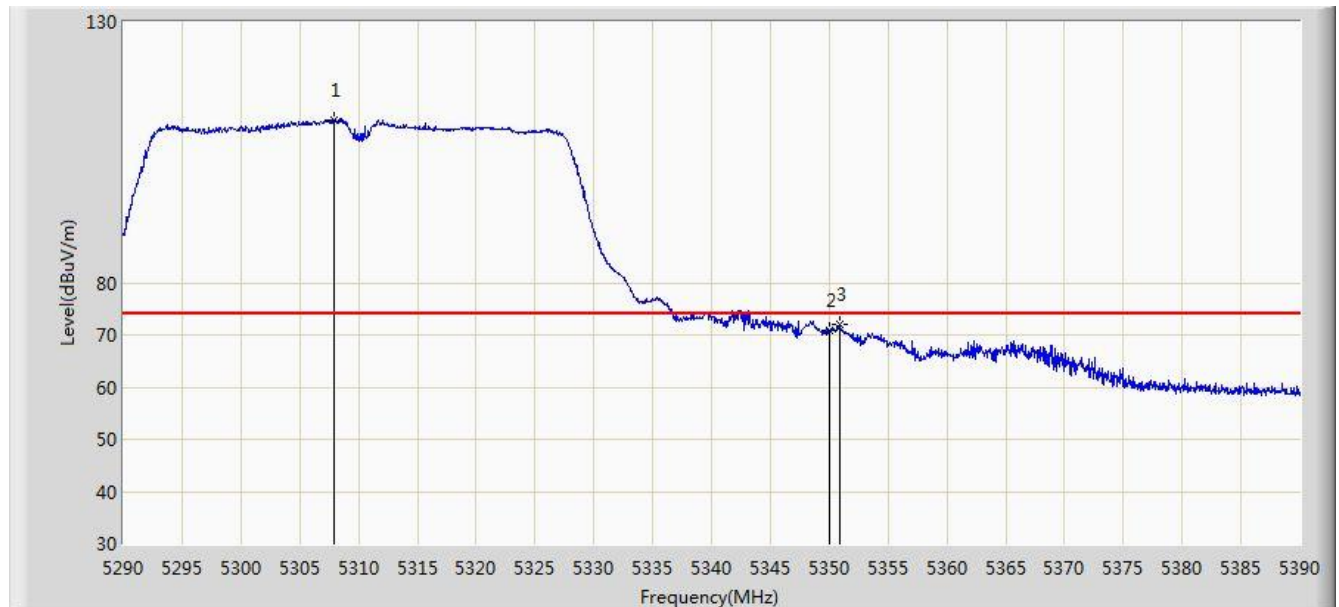
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5311.900	101.304	95.603	N/A	N/A	5.701	AV
2			5350.000	52.727	46.744	-1.273	54.000	5.983	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)



Site: AC2	Time: 2017/12/15 - 00:03
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: G-140W-C	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5310MHz Ant 0 + 1	

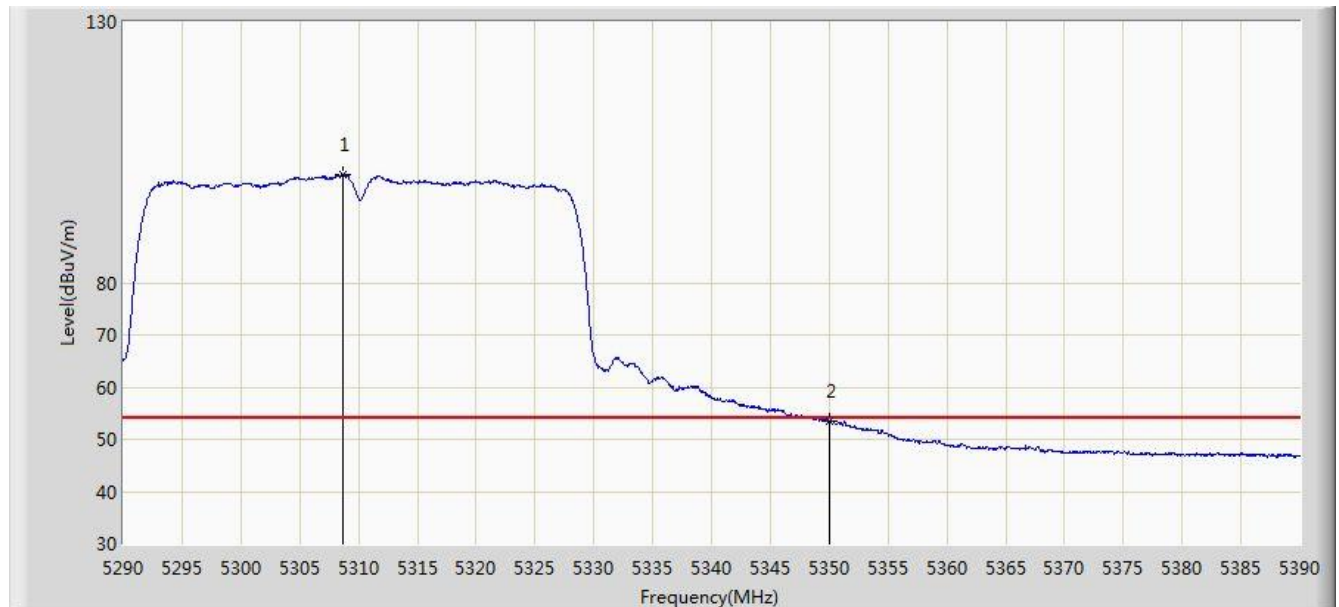


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5307.950	111.213	105.525	N/A	N/A	5.687	PK
2			5350.000	70.923	64.940	-3.077	74.000	5.983	PK
3			5350.850	71.924	65.933	-2.076	74.000	5.992	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

Site: AC2	Time: 2017/12/15 - 00:04
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: G-140W-C	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5310MHz Ant 0 + 1	

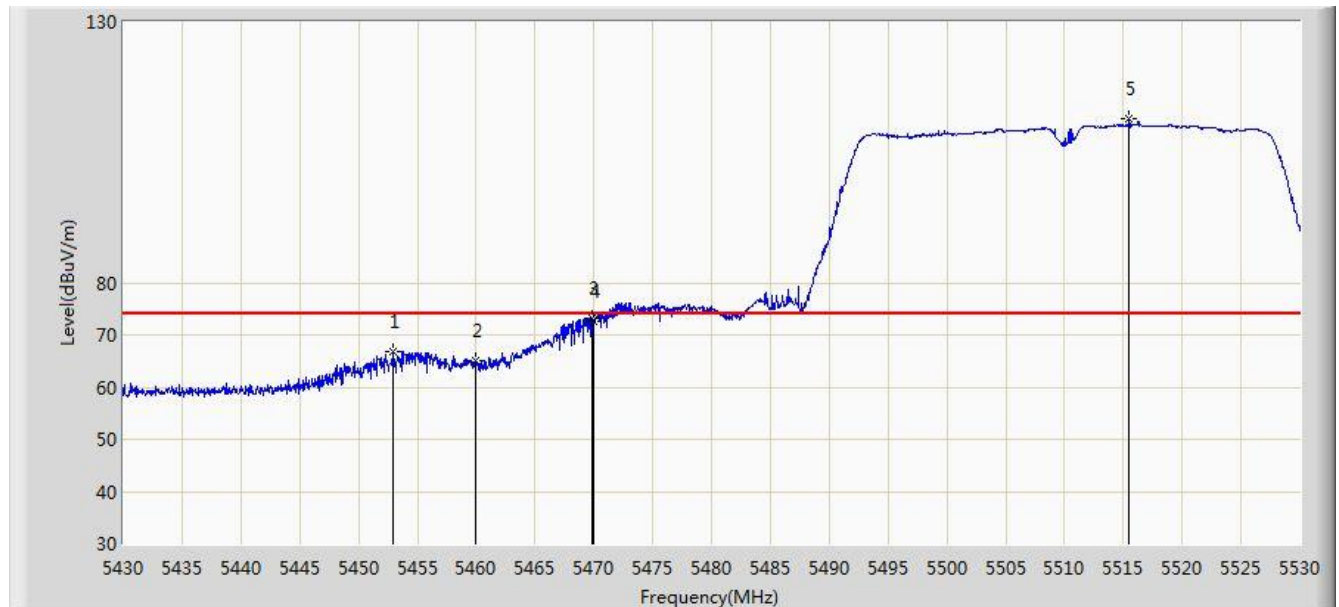


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5308.700	100.724	95.034	N/A	N/A	5.690	AV
2			5350.000	53.591	47.608	-0.409	54.000	5.983	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

Site: AC2	Time: 2017/12/15 - 00:08
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: G-140W-C	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5510MHz Ant 0 + 1	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5452.900	66.918	60.473	-7.082	74.000	6.446	PK
2			5460.000	65.160	58.707	-8.840	74.000	6.452	PK
3			5469.850	73.148	66.698	-0.852	74.000	6.451	PK
4			5470.000	72.732	66.282	-1.268	74.000	6.451	PK
5		*	5515.500	111.374	104.893	N/A	N/A	6.481	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)