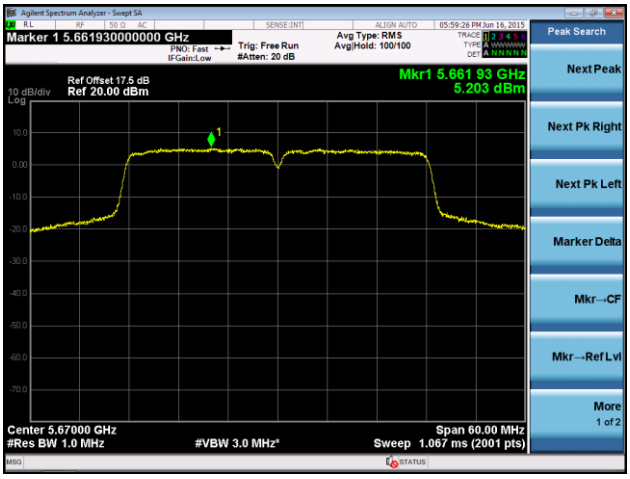
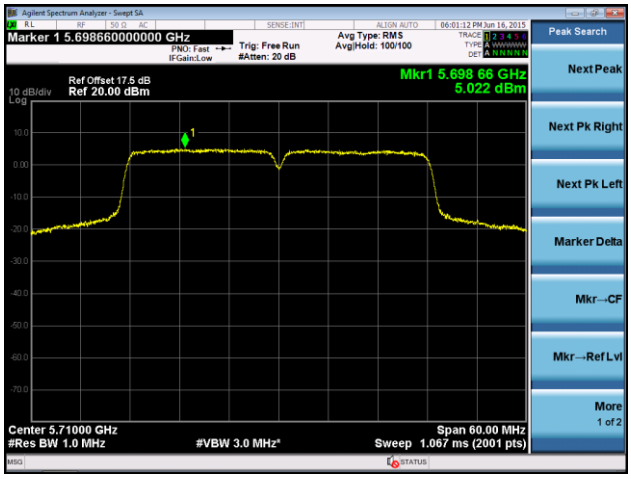
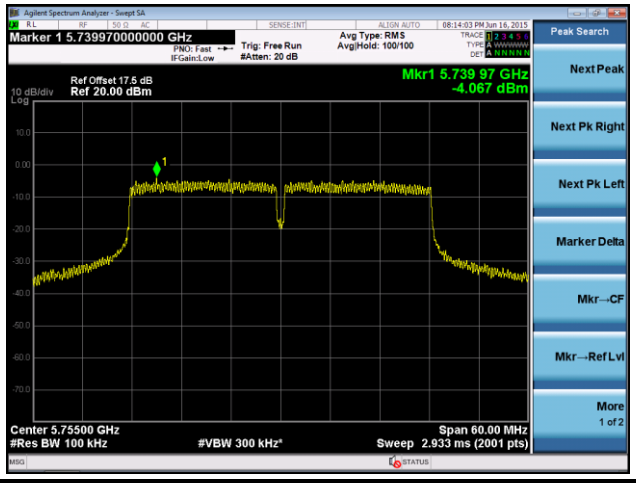
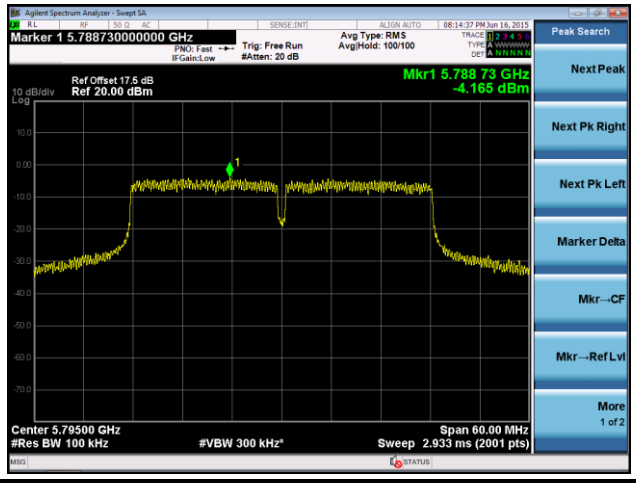
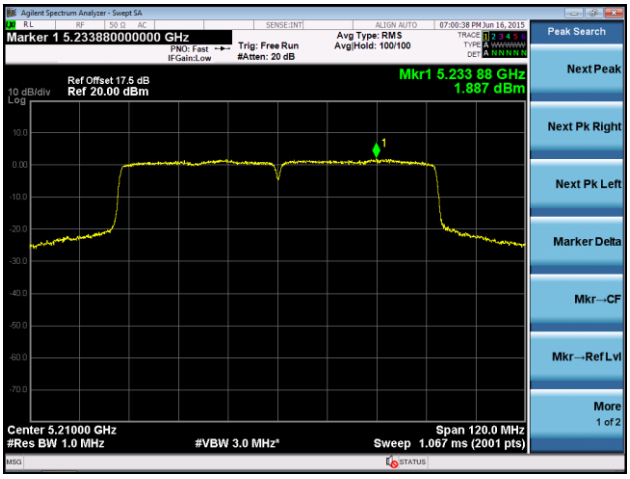
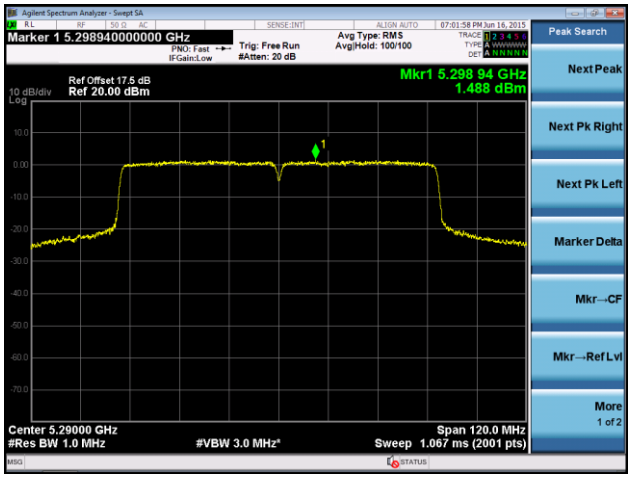
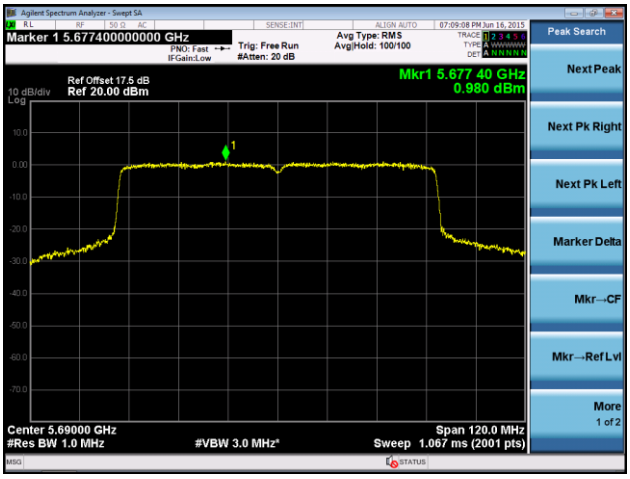
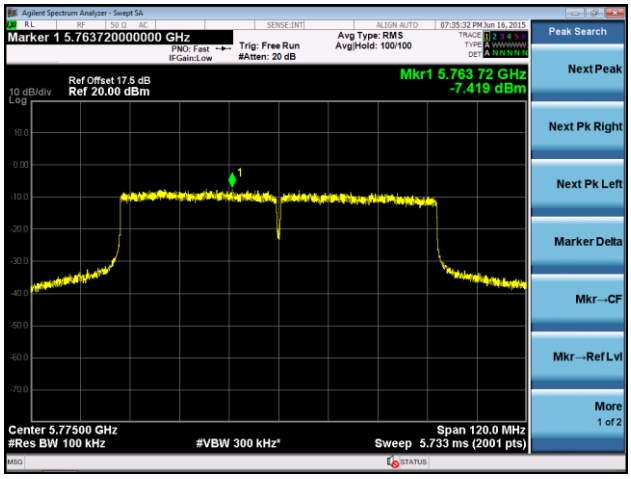
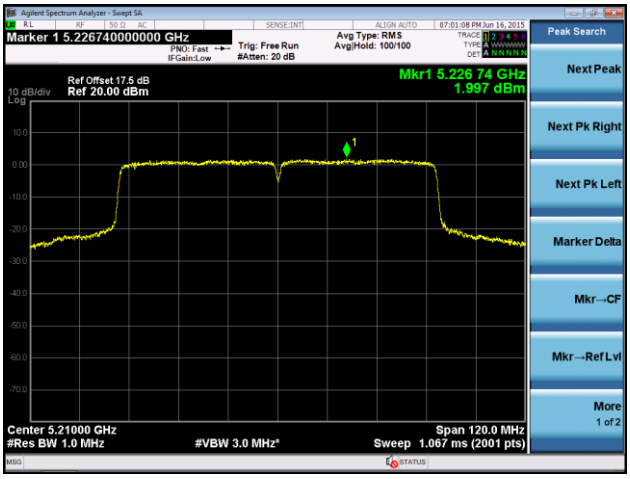
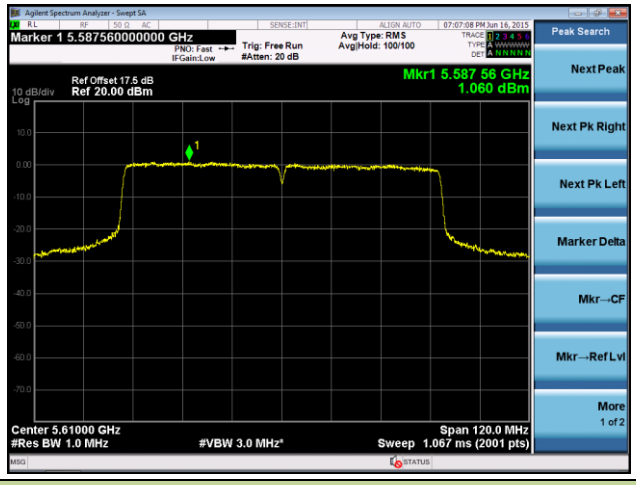
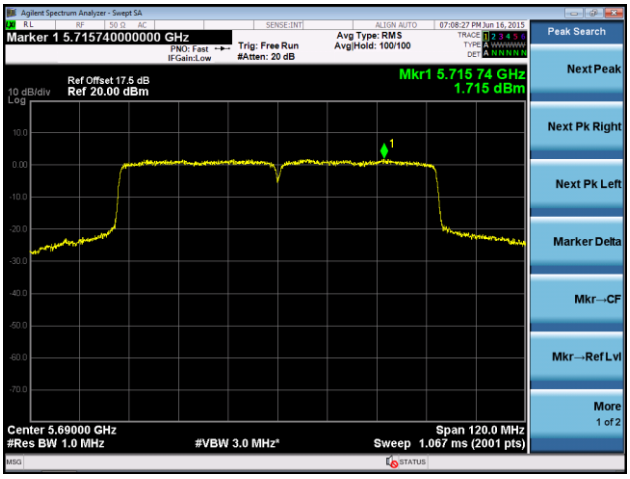
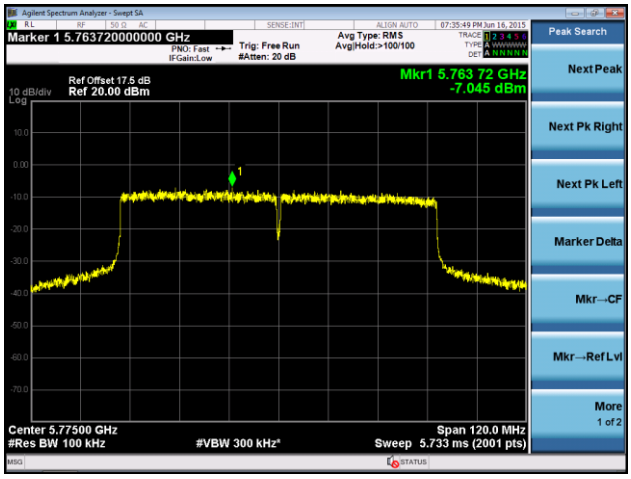
802.11ac-VHT40 Power Spectral Density - Ant 1 / Ant 0 + 1	
Channel 134 (5670MHz)	**Channel 142 (5710MHz)**
	
Channel 151(5755MHz)	**Channel 159 (5795MHz)**
	

802.11ac-VHT80 Power Spectral Density - Ant 0 / Ant 0 + 1	
Channel 42 (5210MHz)	Channel 58 (5290MHz)
	
Channel 106 (5530MHz)	Channel 122 (5610MHz)
	
Channel 138 (5690MHz)	Channel 155 (5775MHz)
	

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 (5755MHz)**
	

7.6. Frequency Stability Measurement

7.6.1. Test Limit

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

7.6.2. Test Procedure Used

Frequency Stability Under Temperature Variations:

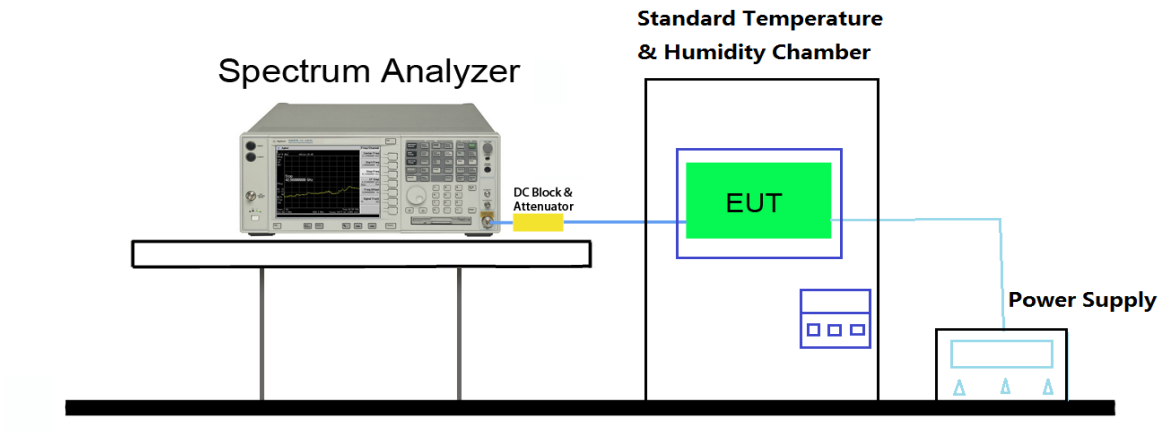
The equipment under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain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

Frequency Stability Under Voltage Variations:

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

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

7.6.3. Test Setup



7.6.4. Test Result

Test Engineer	Milo Li	Temperature	-30 ~ 50°C
Test Time	2015/07/03	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	-1.64	-1.93	-1.68	-1.78
		- 20	-1.52	-1.81	-1.73	-1.72
		- 10	-1.53	-1.84	-1.74	-1.72
		0	-1.15	-1.00	-1.02	-0.34
		+ 10	-0.32	-0.54	-0.35	0.37
		+ 20 (Ref)	0.16	-0.69	-0.48	0.15
		+ 30	-1.51	-1.54	-1.52	-1.61
		+ 40	-1.52	-1.83	-1.74	-1.72
		+ 50	-1.22	-1.73	-1.96	-1.73
115%	138	+ 20	-1.56	-1.78	-1.82	-1.64
85%	102	+ 20	-1.52	-1.25	-0.96	-0.62

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

Test Engineer	Milo Li	Temperature	-30 ~ 50°C
Test Time	2015/07/03	Relative Humidity	48 ~ 55%RH
Test Mode	5785MHz (Carrier Mode)	Test Site	TR3

Voltage (%)	Power (VAC)	Temp (°C)	Frequency Tolerance (ppm)			
			0 minutes	2 minutes	5 minutes	10 minutes
100%	120	- 30	-1.55	-1.91	-1.66	-1.60
		- 20	-1.67	-1.61	-1.74	-1.34
		- 10	-1.63	-1.81	-1.57	-1.43
		0	-1.31	-0.84	-0.81	-0.37
		+ 10	-0.27	-0.40	-0.34	-0.48
		+ 20 (Ref)	-0.32	-0.52	-0.37	-0.25
		+ 30	-1.58	-1.43	-1.41	-1.44
		+ 40	-1.45	-1.72	-1.63	-1.57
		+ 50	-1.12	-1.62	-1.85	-1.58
115%	138	+ 20	-1.37	-1.67	-1.71	-1.73
85%	102	+ 20	-1.73	-1.03	-0.61	-0.74

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

7.7. Radiated Spurious Emission Measurement

7.7.1. Test Limit

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

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

7.7.2. Test Procedure Used

KDB 789033 D02v01r04 – Section G

7.7.3. Test Setting

Peak Measurements above 1GHz

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

Quasi-Peak Measurements below 1GHz

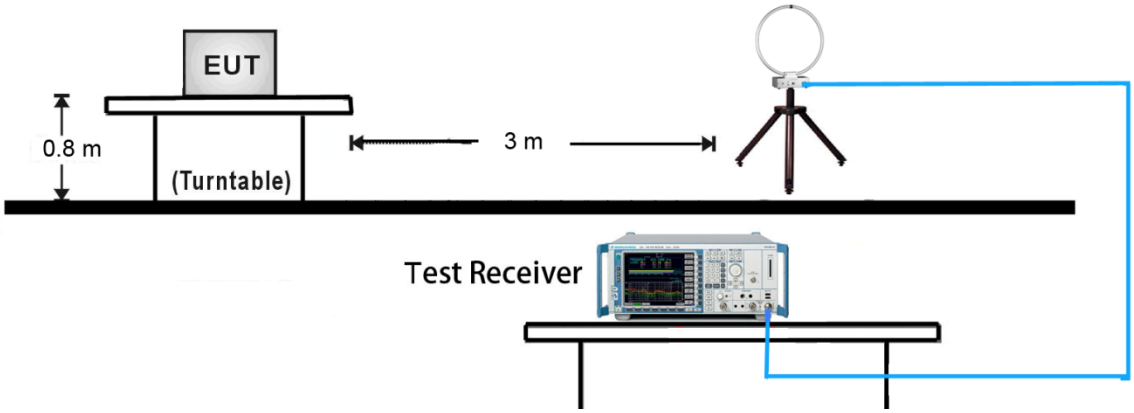
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. Span was set greater than 1MHz
3. RBW = 120 kHz
4. Detector = CISPR quasi-peak
5. Sweep time = auto couple
6. Trace was allowed to stabilize

Average Measurements above 1GHz (Method AD)

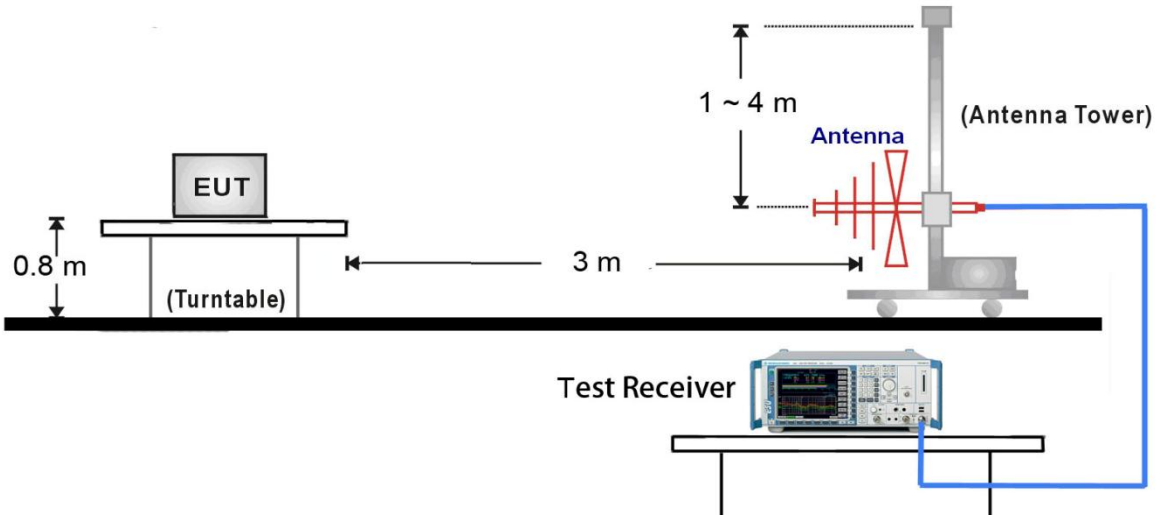
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = power average (Average)
5. Number of measurement points = 1001 (Number of points must be > 2 x span/RBW)
6. Sweep time = auto
7. Trace was averaged over at 100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

7.7.4. Test Setup

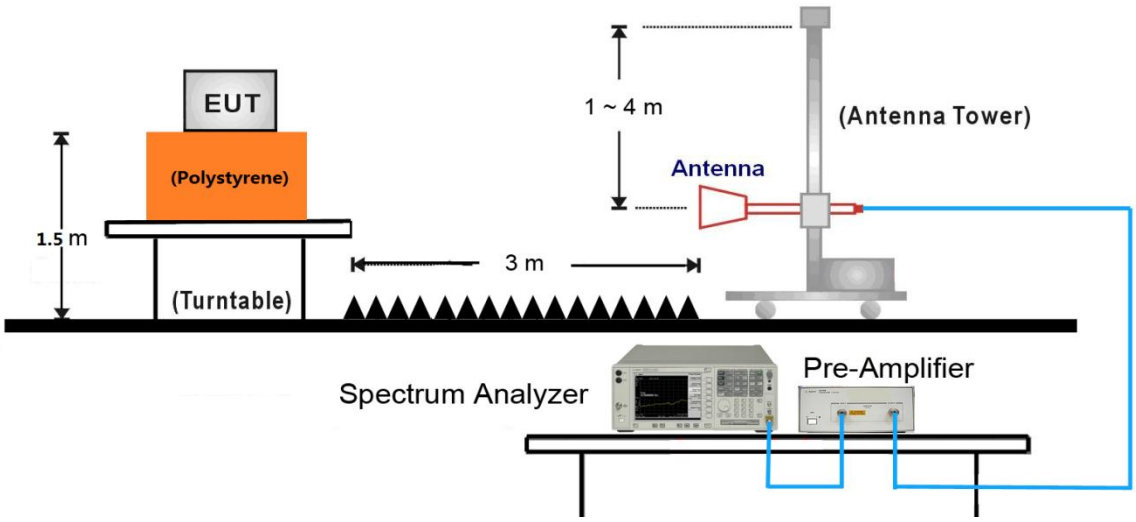
9kHz ~ 30MHz Test Setup:



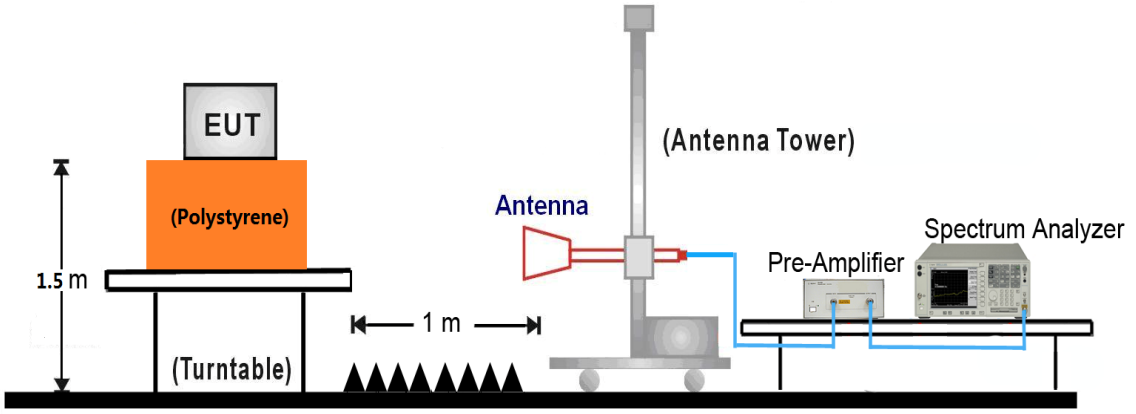
30MHz ~ 1GHz Test Setup:



1GHz ~18GHz Test Setup:



18GHz ~40GHz Test Setup:



7.7.5. Test Result

Product:	WIRELESS ACCESS POINT	Temperature:	25°C
Test Engineer:	Alex Ma	Relative Humidity:	51 ~ 56%
Test Site:	AC1	Test data:	2015/04/16
Test Mode:	802.11a	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
*	7160.5	7.7	37.4	45.1	68.2	-23.2	Peak	Horizontal
*	7934.0	8.6	35.4	44.0	68.2	-24.3	Peak	Horizontal
	8384.5	8.2	37.4	45.6	74.0	-28.5	Peak	Horizontal
	10552.0	12.4	36.3	48.7	74.0	-25.4	Peak	Horizontal
*	7058.5	7.5	36.5	44.0	68.2	-24.3	Peak	Vertical
*	7772.5	8.4	37.0	45.4	68.2	-22.9	Peak	Vertical
	9124.0	9.9	35.6	45.5	74.0	-28.6	Peak	Vertical
	9396.0	10.4	36.7	47.1	74.0	-27.0	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:	WIRELESS ACCESS POINT	Temperature:	25°C
Test Engineer:	Alex Ma	Relative Humidity:	51 ~ 56%
Test Site:	AC1	Test data:	2015/04/16
Test Mode:	802.11a	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
*	7050.0	7.4	36.3	43.7	68.2	-24.5	Peak	Horizontal
*	7789.5	8.3	35.5	43.8	68.2	-24.4	Peak	Horizontal
	9438.5	10.5	37.0	47.5	74.0	-26.5	Peak	Horizontal
	10807.0	12.7	35.4	48.1	74.0	-25.9	Peak	Horizontal
*	7186.0	7.7	35.9	43.6	68.2	-24.6	Peak	Vertical
*	7730.0	8.2	36.1	44.3	68.2	-23.9	Peak	Vertical
	9260.0	10.3	35.9	46.2	74.0	-27.8	Peak	Vertical
	10926.0	12.9	35.4	48.3	74.0	-25.7	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:	WIRELESS ACCESS POINT	Temperature:	25°C
Test Engineer:	Alex Ma	Relative Humidity:	51 ~ 56%
Test Site:	AC1	Test data:	2015/04/16
Test Mode:	802.11a	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
*	7101.0	7.6	35.9	43.5	68.2	-24.7	Peak	Horizontal
*	7874.5	8.4	36.6	45.0	68.2	-23.2	Peak	Horizontal
	9047.5	9.2	36.3	45.5	74.0	-28.5	Peak	Horizontal
	10560.5	12.3	36.2	48.5	74.0	-25.5	Peak	Horizontal
*	7101.0	7.6	36.0	43.6	68.2	-24.6	Peak	Vertical
*	7713.0	8.1	35.8	43.9	68.2	-24.3	Peak	Vertical
	9132.5	9.9	35.8	45.7	74.0	-28.3	Peak	Vertical
	10994.0	12.8	36.4	49.2	74.0	-24.8	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:	WIRELESS ACCESS POINT	Temperature:	25°C
Test Engineer:	Alex Ma	Relative Humidity:	51 ~ 56%
Test Site:	AC1	Test data:	2015/04/16
Test Mode:	802.11a	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
*	7101.0	7.6	36.2	43.8	68.2	-24.4	Peak	Horizontal
*	7925.5	8.6	35.6	44.2	68.2	-24.0	Peak	Horizontal
	9285.5	10.3	33.7	44.0	74.0	-30.0	Peak	Horizontal
	11240.5	12.4	37.1	49.5	74.0	-24.5	Peak	Horizontal
*	7186.0	7.7	36.2	43.9	68.2	-24.3	Peak	Vertical
*	7789.5	8.3	35.8	44.1	68.2	-24.1	Peak	Vertical
	9311.0	10.4	34.9	45.3	74.0	-28.7	Peak	Vertical
	10900.5	13.0	35.2	48.2	74.0	-25.8	Peak	Vertical

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

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

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

Product:	WIRELESS ACCESS POINT	Temperature:	25°C
Test Engineer:	Alex Ma	Relative Humidity:	51 ~ 56%
Test Site:	AC1	Test data:	2015/04/16
Test Mode:	802.11a	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
*	7118.0	7.7	34.5	42.2	68.2	-26.0	Peak	Horizontal
*	7738.5	8.3	36.1	44.4	68.2	-23.8	Peak	Horizontal
	9081.5	9.7	34.4	44.1	74.0	-29.9	Peak	Horizontal
	10926.0	13.0	35.1	48.1	74.0	-25.9	Peak	Horizontal
*	7050.0	7.5	35.9	43.4	68.2	-24.8	Peak	Vertical
*	7798.0	8.4	35.5	43.9	68.2	-24.3	Peak	Vertical
	9132.5	10.0	34.2	44.2	74.0	-29.8	Peak	Vertical
	10815.5	12.8	35.1	47.9	74.0	-26.1	Peak	Vertical

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

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

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

Product:	WIRELESS ACCESS POINT	Temperature:	25°C
Test Engineer:	Alex Ma	Relative Humidity:	51 ~ 56%
Test Site:	AC1	Test data:	2015/04/16
Test Mode:	802.11a	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
*	7118.0	7.7	35.6	43.3	68.2	-24.9	Peak	Horizontal
*	7806.5	8.4	36.1	44.5	68.2	-23.7	Peak	Horizontal
	9387.5	10.5	36.9	47.4	74.0	-26.6	Peak	Horizontal
	10977.0	13.0	35.8	48.8	74.0	-25.2	Peak	Horizontal
*	7033.0	7.3	37.1	44.4	68.2	-23.8	Peak	Vertical
*	7781.0	8.4	35.6	44.0	68.2	-24.2	Peak	Vertical
	8129.5	8.3	37.3	45.6	74.0	-28.4	Peak	Vertical
	10960.0	13.0	35.7	48.7	74.0	-25.3	Peak	Vertical

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

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

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

Product:	WIRELESS ACCESS POINT	Temperature:	25°C
Test Engineer:	Alex Ma	Relative Humidity:	51 ~ 56%
Test Site:	AC1	Test data:	2015/04/16
Test Mode:	802.11n-HT20	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
*	7135.0	7.8	35.6	43.4	68.2	-24.8	Peak	Horizontal
*	7764.0	8.4	36.0	44.4	68.2	-23.8	Peak	Horizontal
	8248.5	8.0	36.3	44.3	74.0	-29.7	Peak	Horizontal
	10960.0	13.0	35.0	48.0	74.0	-26.0	Peak	Horizontal
*	7186.0	7.8	34.7	42.5	68.2	-25.7	Peak	Vertical
*	7874.5	8.5	36.8	45.3	68.2	-22.9	Peak	Vertical
	8112.5	8.4	35.1	43.5	74.0	-30.5	Peak	Vertical
	10764.5	12.7	35.1	47.8	74.0	-26.2	Peak	Vertical

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

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

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

Product:	WIRELESS ACCESS POINT	Temperature:	25°C
Test Engineer:	Alex Ma	Relative Humidity:	51 ~ 56%
Test Site:	AC1	Test data:	2015/04/16
Test Mode:	802.11n-HT20	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
*	7041.5	36.8	6.6	43.4	68.2	-24.8	Peak	Horizontal
*	7789.5	35.2	7.6	42.8	68.2	-25.4	Peak	Horizontal
	8189.0	35.5	7.3	42.8	74.0	-31.2	Peak	Horizontal
	11393.5	37.7	11.9	49.6	74.0	-24.4	Peak	Horizontal
*	7186.0	36.9	7.0	43.9	68.2	-24.3	Peak	Vertical
*	7781.0	37.1	7.6	44.7	68.2	-23.5	Peak	Vertical
	8248.5	36.7	7.2	43.9	74.0	-30.1	Peak	Vertical
	10739.0	36.4	11.8	48.2	74.0	-25.8	Peak	Vertical

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

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

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

Product:	WIRELESS ACCESS POINT	Temperature:	25°C
Test Engineer:	Alex Ma	Relative Humidity:	51 ~ 56%
Test Site:	AC1	Test data:	2015/04/16
Test Mode:	802.11n-HT20	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
*	7135.0	35.9	7.0	42.9	68.2	-25.3	Peak	Horizontal
*	7849.0	36.7	7.5	44.2	68.2	-24.0	Peak	Horizontal
	8240.0	36.6	7.2	43.8	74.0	-30.2	Peak	Horizontal
	10722.0	36.4	11.7	48.1	74.0	-25.9	Peak	Horizontal
*	7789.5	36.0	7.6	43.6	68.2	-24.6	Peak	Vertical
*	8716.0	34.9	8.1	43.0	68.2	-25.2	Peak	Vertical
	9370.5	34.6	9.8	44.4	74.0	-29.6	Peak	Vertical
	11223.5	36.2	11.6	47.8	74.0	-26.2	Peak	Vertical

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

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

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

Product:	WIRELESS ACCESS POINT	Temperature:	25°C
Test Engineer:	Alex Ma	Relative Humidity:	51 ~ 56%
Test Site:	AC1	Test data:	2015/04/16
Test Mode:	802.11n-HT20	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
*	7101.0	36.8	6.9	43.7	68.2	-24.5	Peak	Horizontal
*	7900.0	36.7	7.8	44.5	68.2	-23.7	Peak	Horizontal
	9438.5	35.8	9.8	45.6	74.0	-28.4	Peak	Horizontal
	10594.5	36.1	11.5	47.6	74.0	-26.4	Peak	Horizontal
*	6956.5	36.1	6.1	42.2	68.2	-26.0	Peak	Vertical
*	7823.5	36.9	7.6	44.5	68.2	-23.7	Peak	Vertical
	9370.5	35.4	9.8	45.2	74.0	-28.8	Peak	Vertical
	10866.5	35.9	12.2	48.1	74.0	-25.9	Peak	Vertical

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

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

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

Product:	WIRELESS ACCESS POINT	Temperature:	25°C
Test Engineer:	Alex Ma	Relative Humidity:	51 ~ 56%
Test Site:	AC1	Test data:	2015/04/16
Test Mode:	802.11n-HT20	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
*	6982.0	37.4	6.2	43.6	68.2	-24.6	Peak	Horizontal
*	7849.0	38.3	7.5	45.8	68.2	-22.4	Peak	Horizontal
	9379.0	35.1	9.7	44.8	74.0	-29.2	Peak	Horizontal
	10943.0	35.9	12.2	48.1	74.0	-25.9	Peak	Horizontal
*	7050.0	36.8	6.7	43.5	68.2	-24.7	Peak	Vertical
*	7925.5	36.2	7.9	44.1	68.2	-24.1	Peak	Vertical
	9090.0	36.3	9.0	45.3	74.0	-28.7	Peak	Vertical
	10926.0	35.1	12.2	47.3	74.0	-26.7	Peak	Vertical

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

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

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

Product:	WIRELESS ACCESS POINT	Temperature:	25°C
Test Engineer:	Alex Ma	Relative Humidity:	51 ~ 56%
Test Site:	AC1	Test data:	2015/04/16
Test Mode:	802.11n-HT20	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
*	6990.5	36.2	6.2	42.4	68.2	-25.8	Peak	Horizontal
*	7917.0	36.6	7.8	44.4	68.2	-23.8	Peak	Horizontal
	9090.0	36.5	9.0	45.5	74.0	-28.5	Peak	Horizontal
	10968.5	35.4	12.2	47.6	74.0	-26.4	Peak	Horizontal
*	7075.5	37.3	6.9	44.2	68.2	-24.0	Peak	Vertical
*	7738.5	37.3	7.5	44.8	68.2	-23.4	Peak	Vertical
	8299.5	35.4	7.2	42.6	74.0	-31.4	Peak	Vertical
	10934.5	35.6	12.2	47.8	74.0	-26.2	Peak	Vertical

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

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

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

Product:	WIRELESS ACCESS POINT	Temperature:	25°C
Test Engineer:	Alex Ma	Relative Humidity:	51 ~ 56%
Test Site:	AC1	Test data:	2015/04/16
Test Mode:	802.11n-HT40	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
*	6990.5	36.0	6.2	42.2	68.2	-26.0	Peak	Horizontal
*	7840.5	37.0	7.5	44.5	68.2	-23.7	Peak	Horizontal
	9064.5	36.1	8.7	44.8	74.0	-29.2	Peak	Horizontal
	10611.5	36.3	11.5	47.8	74.0	-26.2	Peak	Horizontal
*	7084.0	36.2	6.9	43.1	68.2	-25.1	Peak	Vertical
*	7840.5	37.5	7.5	45.0	68.2	-23.2	Peak	Vertical
	9260.0	36.2	9.6	45.8	74.0	-28.2	Peak	Vertical
	10883.5	35.9	12.2	48.1	74.0	-25.9	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:	WIRELESS ACCESS POINT	Temperature:	25°C
Test Engineer:	Alex Ma	Relative Humidity:	51 ~ 56%
Test Site:	AC1	Test data:	2015/04/16
Test Mode:	802.11n-HT40	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
*	6999.0	36.6	6.3	42.9	68.2	-25.4	Peak	Horizontal
*	7798.0	36.6	7.6	44.2	68.2	-24.1	Peak	Horizontal
	8333.5	37.0	7.3	44.3	74.0	-29.8	Peak	Horizontal
	10977.0	35.3	12.2	47.5	74.0	-26.6	Peak	Horizontal
*	7118.0	35.4	6.9	42.3	68.2	-26.0	Peak	Vertical
*	7823.5	37.4	7.6	45.0	68.2	-23.3	Peak	Vertical
	9438.5	35.9	9.8	45.7	74.0	-28.4	Peak	Vertical
	10909.0	35.2	12.3	47.5	74.0	-26.6	Peak	Vertical

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

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

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

Product:	WIRELESS ACCESS POINT	Temperature:	25°C
Test Engineer:	Alex Ma	Relative Humidity:	51 ~ 56%
Test Site:	AC1	Test data:	2015/04/16
Test Mode:	802.11n-HT40	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
*	7024.5	36.9	6.5	43.4	68.2	-24.8	Peak	Horizontal
*	7781.0	36.9	7.6	44.5	68.2	-23.7	Peak	Horizontal
	9396.0	35.7	9.7	45.4	74.0	-28.6	Peak	Horizontal
	11028.0	36.1	12.1	48.2	74.0	-25.8	Peak	Horizontal
*	7873.4	35.3	7.7	43.0	68.2	-25.2	Peak	Vertical
*	8600.5	35.2	8.0	43.2	68.2	-25.0	Peak	Vertical
	9400.6	35.0	9.7	44.7	74.0	-29.3	Peak	Vertical
	11492.5	35.4	11.9	47.3	74.0	-26.7	Peak	Vertical

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

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

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

Product:	WIRELESS ACCESS POINT	Temperature:	25°C
Test Engineer:	Alex Ma	Relative Humidity:	51 ~ 56%
Test Site:	AC1	Test data:	2015/04/16
Test Mode:	802.11n-HT40	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
*	7605.8	35.9	7.2	43.1	68.2	-25.1	Peak	Horizontal
*	8595.4	35.7	8.0	43.7	68.2	-24.5	Peak	Horizontal
	9102.8	35.1	9.0	44.1	74.0	-29.9	Peak	Horizontal
	11212.4	35.8	11.6	47.4	74.0	-26.6	Peak	Horizontal
*	7050.5	35.5	6.7	42.2	68.2	-26.0	Peak	Vertical
*	7797.5	35.7	7.6	43.3	68.2	-24.9	Peak	Vertical
	9077.0	34.7	8.9	43.6	74.0	-30.4	Peak	Vertical
	10949.5	35.3	12.2	47.5	74.0	-26.5	Peak	Vertical

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

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

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

Product:	WIRELESS ACCESS POINT	Temperature:	25°C
Test Engineer:	Alex Ma	Relative Humidity:	51 ~ 56%
Test Site:	AC1	Test data:	2015/04/16
Test Mode:	802.11ac-VHT20	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
*	7070.6	35.2	6.8	42.0	68.2	-26.2	Peak	Horizontal
*	8248.5	35.3	7.2	42.5	68.2	-25.7	Peak	Horizontal
	9379.5	34.8	9.7	44.5	74.0	-29.5	Peak	Horizontal
	11377.5	35.0	11.8	46.8	74.0	-27.2	Peak	Horizontal
*	7097.0	35.5	6.9	42.4	68.2	-25.8	Peak	Vertical
*	7857.5	36.3	7.6	43.9	68.2	-24.3	Peak	Vertical
	9287.5	34.7	9.6	44.3	74.0	-29.7	Peak	Vertical
	10852.5	35.5	12.2	47.7	74.0	-26.3	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:	WIRELESS ACCESS POINT	Temperature:	25°C
Test Engineer:	Alex Ma	Relative Humidity:	51 ~ 56%
Test Site:	AC1	Test data:	2015/04/16
Test Mode:	802.11ac-VHT20	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
*	7097.5	35.3	6.9	42.2	68.2	-26.1	Peak	Horizontal
*	7797.5	35.8	7.6	43.4	68.2	-24.9	Peak	Horizontal
	8400.5	35.4	7.4	42.8	74.0	-31.3	Peak	Horizontal
	10600.5	34.5	11.5	46.0	74.0	-28.1	Peak	Horizontal
*	6977.0	35.9	6.1	42.0	68.2	-26.3	Peak	Vertical
*	7732.5	35.5	7.5	43.0	68.2	-25.3	Peak	Vertical
	9079.0	35.0	8.9	43.9	74.0	-30.2	Peak	Vertical
	10742.0	34.6	11.8	46.4	74.0	-27.7	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:	WIRELESS ACCESS POINT	Temperature:	25°C
Test Engineer:	Alex Ma	Relative Humidity:	51 ~ 56%
Test Site:	AC1	Test data:	2015/04/16
Test Mode:	802.11ac-VHT20	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
*	7097.5	35.5	6.9	42.4	68.2	-25.8	Peak	Horizontal
*	7877.5	36.2	7.7	43.9	68.2	-24.3	Peak	Horizontal
	8292.5	36.1	7.2	43.3	74.0	-30.7	Peak	Horizontal
	9400.0	35.7	9.7	45.4	74.0	-28.6	Peak	Horizontal
*	6977.5	35.7	6.1	41.8	68.2	-26.4	Peak	Vertical
*	7711.5	35.1	7.4	42.5	68.2	-25.7	Peak	Vertical
	9050.5	34.9	8.5	43.4	74.0	-30.6	Peak	Vertical
	11077.5	34.9	11.9	46.8	74.0	-27.2	Peak	Vertical

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

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

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

Product:	WIRELESS ACCESS POINT	Temperature:	25°C
Test Engineer:	Alex Ma	Relative Humidity:	51 ~ 56%
Test Site:	AC1	Test data:	2015/04/16
Test Mode:	802.11ac-VHT20	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
*	7023.0	35.2	6.5	41.7	68.2	-26.5	Peak	Horizontal
*	7745.0	35.0	7.6	42.6	68.2	-25.6	Peak	Horizontal
	8399.5	35.2	7.4	42.6	74.0	-31.4	Peak	Horizontal
	11182.0	35.1	11.6	46.7	74.0	-27.3	Peak	Horizontal
*	7177.0	35.4	7.0	42.4	68.2	-25.8	Peak	Vertical
*	7923.0	35.6	7.9	43.5	68.2	-24.7	Peak	Vertical
	9117.0	35.2	9.1	44.3	74.0	-29.7	Peak	Vertical
	10636.5	35.3	11.6	46.9	74.0	-27.1	Peak	Vertical

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

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

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

Product:	WIRELESS ACCESS POINT	Temperature:	25°C
Test Engineer:	Alex Ma	Relative Humidity:	51 ~ 56%
Test Site:	AC1	Test data:	2015/04/16
Test Mode:	802.11ac-VHT20	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
*	7095.5	35.1	6.9	42.0	68.2	-26.3	Peak	Horizontal
*	7915.0	35.1	7.8	42.9	68.2	-25.4	Peak	Horizontal
	9079.5	35.4	8.9	44.3	74.0	-29.8	Peak	Horizontal
	11182.3	34.8	11.6	46.4	74.0	-27.7	Peak	Horizontal
*	6948.5	35.3	6.1	41.4	68.2	-26.9	Peak	Vertical
*	7706.5	35.3	7.3	42.6	68.2	-25.7	Peak	Vertical
	9137.0	35.0	9.3	44.3	74.0	-29.8	Peak	Vertical
	10612.0	34.8	11.5	46.3	74.0	-27.8	Peak	Vertical

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

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

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

Product:	WIRELESS ACCESS POINT	Temperature:	25°C
Test Engineer:	Alex Ma	Relative Humidity:	51 ~ 56%
Test Site:	AC1	Test data:	2015/04/16
Test Mode:	802.11ac-VHT20	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
*	6952.0	35.3	6.1	41.4	68.2	-26.8	Peak	Horizontal
*	7745.5	35.2	7.6	42.8	68.2	-25.4	Peak	Horizontal
	8417.0	35.2	7.4	42.6	74.0	-31.4	Peak	Horizontal
	9436.5	35.0	9.8	44.8	74.0	-29.2	Peak	Horizontal
*	6950.5	35.4	6.1	41.5	68.2	-26.7	Peak	Vertical
*	7920.5	34.9	7.9	42.8	68.2	-25.4	Peak	Vertical
	9410.0	35.1	9.7	44.8	74.0	-29.2	Peak	Vertical
	11077.0	34.3	11.9	46.2	74.0	-27.8	Peak	Vertical

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

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

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

Product:	WIRELESS ACCESS POINT	Temperature:	25°C
Test Engineer:	Alex Ma	Relative Humidity:	51 ~ 56%
Test Site:	AC1	Test data:	2015/04/16
Test Mode:	802.11ac-VHT40	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
*	7117.0	36.3	6.9	43.2	68.2	-25.0	Peak	Horizontal
*	7917.0	35.0	7.8	42.8	68.2	-25.4	Peak	Horizontal
	8097.0	34.7	7.6	42.3	74.0	-31.7	Peak	Horizontal
	9326.5	34.2	9.7	43.9	74.0	-30.1	Peak	Horizontal
*	6950.5	35.3	6.1	41.4	68.2	-26.8	Peak	Vertical
*	7743.5	35.5	7.5	43.0	68.2	-25.2	Peak	Vertical
	9079.5	35.5	8.9	44.4	74.0	-29.6	Peak	Vertical
	10017.5	34.1	10.7	44.8	74.0	-29.2	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:	WIRELESS ACCESS POINT	Temperature:	25°C
Test Engineer:	Alex Ma	Relative Humidity:	51 ~ 56%
Test Site:	AC1	Test data:	2015/04/16
Test Mode:	802.11ac-VHT40	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
*	7100.5	34.8	6.9	41.7	68.2	-26.5	Peak	Horizontal
*	7923.5	35.2	7.9	43.1	68.2	-25.1	Peak	Horizontal
	9433.0	35.2	9.8	45.0	74.0	-29.0	Peak	Horizontal
	11273.0	35.1	11.7	46.8	74.0	-27.2	Peak	Horizontal
*	6962.5	35.2	6.1	41.3	68.2	-26.9	Peak	Vertical
*	7766.0	34.8	7.6	42.4	68.2	-25.8	Peak	Vertical
	8289.5	35.6	7.2	42.8	74.0	-31.2	Peak	Vertical
	9323.5	34.0	9.7	43.7	74.0	-30.3	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:	WIRELESS ACCESS POINT	Temperature:	25°C
Test Engineer:	Alex Ma	Relative Humidity:	51 ~ 56%
Test Site:	AC1	Test data:	2015/04/16
Test Mode:	802.11ac-VHT40	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
*	6951.5	35.3	6.1	41.4	68.2	-26.8	Peak	Horizontal
*	7797.5	35.5	7.6	43.1	68.2	-25.1	Peak	Horizontal
	9097.5	35.3	9.0	44.3	74.0	-29.7	Peak	Horizontal
	10820.0	34.3	12.0	46.3	74.0	-27.7	Peak	Horizontal
*	7092.5	35.2	6.9	42.1	68.2	-26.1	Peak	Vertical
*	7920.5	35.8	7.9	43.7	68.2	-24.5	Peak	Vertical
	9410.5	35.1	9.7	44.8	74.0	-29.2	Peak	Vertical
	10705.5	34.8	11.7	46.5	74.0	-27.5	Peak	Vertical

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

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

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

Product:	WIRELESS ACCESS POINT	Temperature:	25°C
Test Engineer:	Alex Ma	Relative Humidity:	51 ~ 56%
Test Site:	AC1	Test data:	2015/04/16
Test Mode:	802.11ac-VHT40	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
*	7079.5	35.3	6.9	42.2	68.2	-26.0	Peak	Horizontal
*	7962.5	35.1	7.9	43.0	68.2	-25.2	Peak	Horizontal
	9384.5	35.6	9.7	45.3	74.0	-28.7	Peak	Horizontal
	11182.5	36.6	11.6	48.2	74.0	-25.8	Peak	Horizontal
*	6950.0	35.2	6.1	41.3	68.2	-26.9	Peak	Vertical
*	7910.0	35.6	7.8	43.4	68.2	-24.8	Peak	Vertical
	9079.0	35.6	8.9	44.5	74.0	-29.5	Peak	Vertical
	10728.0	35.0	11.8	46.8	74.0	-27.2	Peak	Vertical

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

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

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

Product:	WIRELESS ACCESS POINT	Temperature:	25°C
Test Engineer:	Alex Ma	Relative Humidity:	51 ~ 56%
Test Site:	AC1	Test data:	2015/04/16
Test Mode:	802.11ac-VHT80	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
*	7047.0	35.4	6.7	42.1	68.2	-26.1	Peak	Horizontal
*	7880.0	35.4	7.7	43.1	68.2	-25.1	Peak	Horizontal
	8399.0	35.9	7.4	43.3	74.0	-30.7	Peak	Horizontal
	9326.5	34.4	9.7	44.1	74.0	-29.9	Peak	Horizontal
*	7182.0	35.4	7.0	42.4	68.2	-25.8	Peak	Vertical
*	7862.0	35.5	7.6	43.1	68.2	-25.1	Peak	Vertical
	9081.0	35.9	8.9	44.8	74.0	-29.2	Peak	Vertical
	11038.5	34.6	12.0	46.6	74.0	-27.4	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:	WIRELESS ACCESS POINT	Temperature:	25°C
Test Engineer:	Alex Ma	Relative Humidity:	51 ~ 56%
Test Site:	AC1	Test data:	2015/04/16
Test Mode:	802.11ac-VHT80	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
*	7056.5	34.8	6.7	41.5	68.2	-26.7	Peak	Horizontal
*	7892.0	35.8	7.7	43.5	68.2	-24.7	Peak	Horizontal
	8294.0	34.8	7.2	42.0	74.0	-32.0	Peak	Horizontal
	9426.5	35.2	9.8	45.0	74.0	-29.0	Peak	Horizontal
*	7047.0	35.4	6.7	42.1	68.2	-26.1	Peak	Vertical
*	7922.5	35.6	7.9	43.5	68.2	-24.7	Peak	Vertical
	8410.5	34.7	7.4	42.1	74.0	-31.9	Peak	Vertical
	11177.5	34.4	11.6	46.0	74.0	-28.0	Peak	Vertical

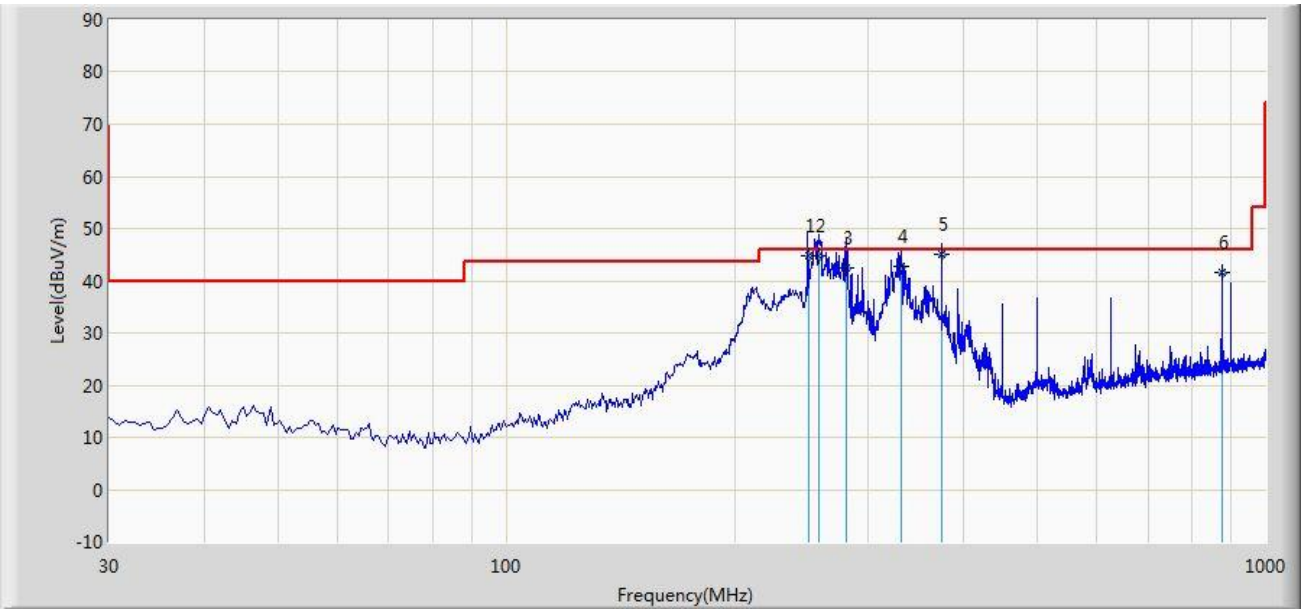
Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

The worst case of Radiated Emission below 1GHz:

Site: AC1	Time: 2017/08/02 - 22:36
Limit: FCC_Part15.209_RE(3m)	Engineer: Lewis Huang
Probe: VULB 9168 _20-2000MHz	Polarity: Horizontal
EUT: WIRELESS ACCESS POINT	Power: AC 120V/60Hz
Worst Mode: Transmit by 802.11a at channel 5745MHz Ant 0 + 1	



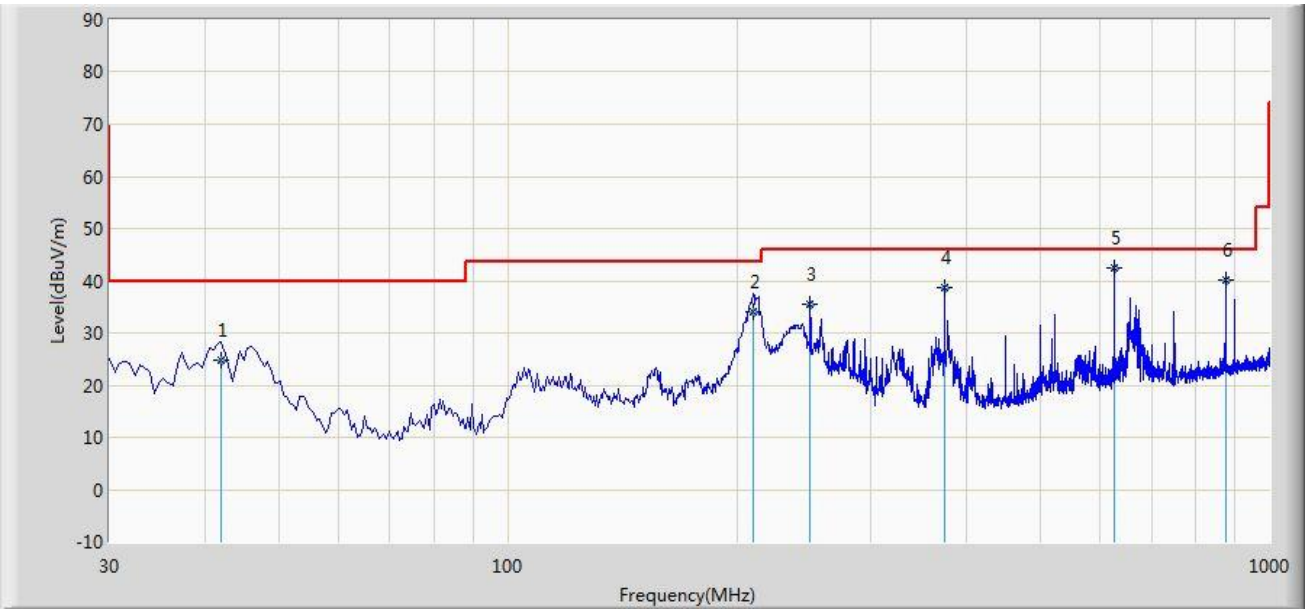
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			250.000	44.790	31.860	-1.210	46.000	12.930	QP
2			258.435	44.729	31.620	-1.271	46.000	13.109	QP
3			280.745	42.524	28.690	-3.476	46.000	13.834	QP
4			330.700	42.745	27.650	-3.255	46.000	15.095	QP
5		*	374.835	44.960	28.960	-1.040	46.000	16.000	QP
6			875.355	41.690	17.680	-4.310	46.000	24.010	QP

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

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

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

Site: AC1	Time: 2017/08/02 - 22:30
Limit: FCC_Part15.209_RE(3m)	Engineer: Lewis Huang
Probe: VULB 9168 _20-2000MHz	Polarity: Vertical
EUT: WIRELESS ACCESS POINT	Power: AC 120V/60Hz
Worst Mode: Transmit by 802.11a at channel 5745MHz Ant 0 + 1	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			42.125	24.641	10.250	-15.359	40.000	14.391	QP
2			210.420	33.957	22.630	-9.543	43.500	11.327	QP
3			249.705	35.601	22.680	-10.399	46.000	12.921	QP
4			374.835	38.630	22.630	-7.370	46.000	16.000	QP
5		*	625.095	42.586	21.560	-3.414	46.000	21.026	QP
6			875.355	40.260	16.250	-5.740	46.000	24.010	QP

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

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

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

7.8. Radiated Restricted Band Edge Measurement

7.8.1. Test Limit

For 15.205 requirement:

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

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

For 15.407(b) requirement:

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

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.

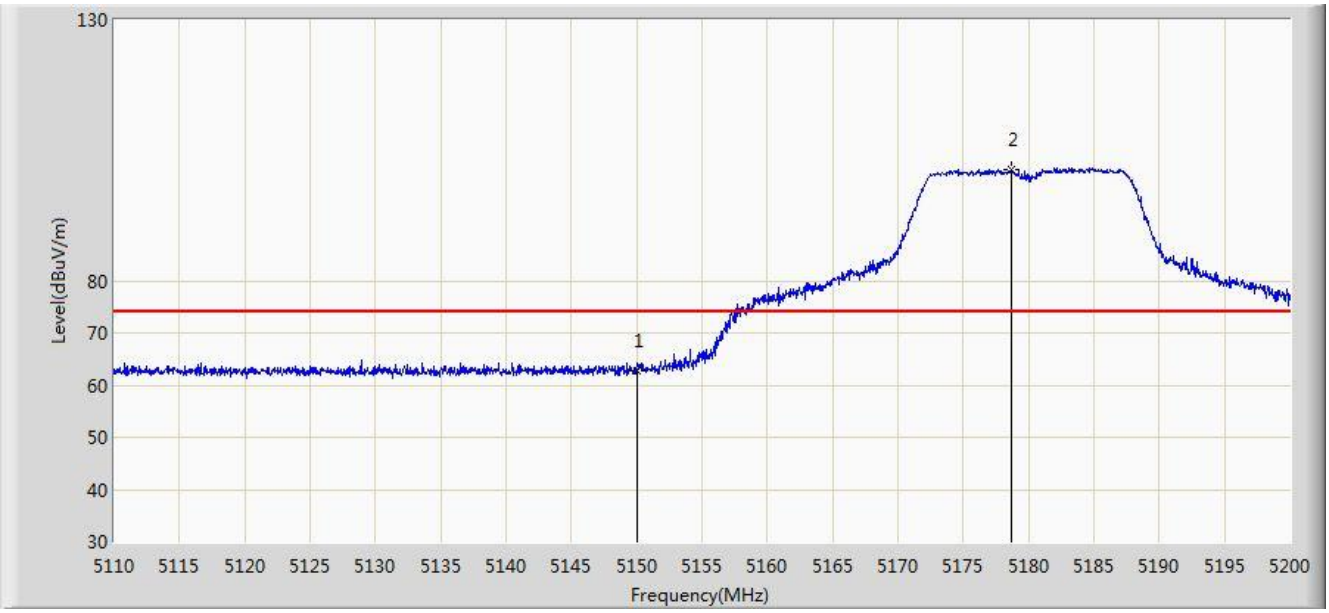
Refer to KDB 789033 D02v01r04 G)2)c), as specified in § 15.407(b), emissions above 1000 MHz that are outside of the restricted bands are subject to a maximum emission limit of -27 dBm/MHz (or -17 dBm/MHz as specified in § 15.407(b)(4)). However, an out-of-band emission that complies with both the peak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

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

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

7.8.2. Test Result of Radiated Restricted Band Edge

Site: AC1	Time: 2015/04/24 - 02:55
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5180MHz by 802.11a 1TX	

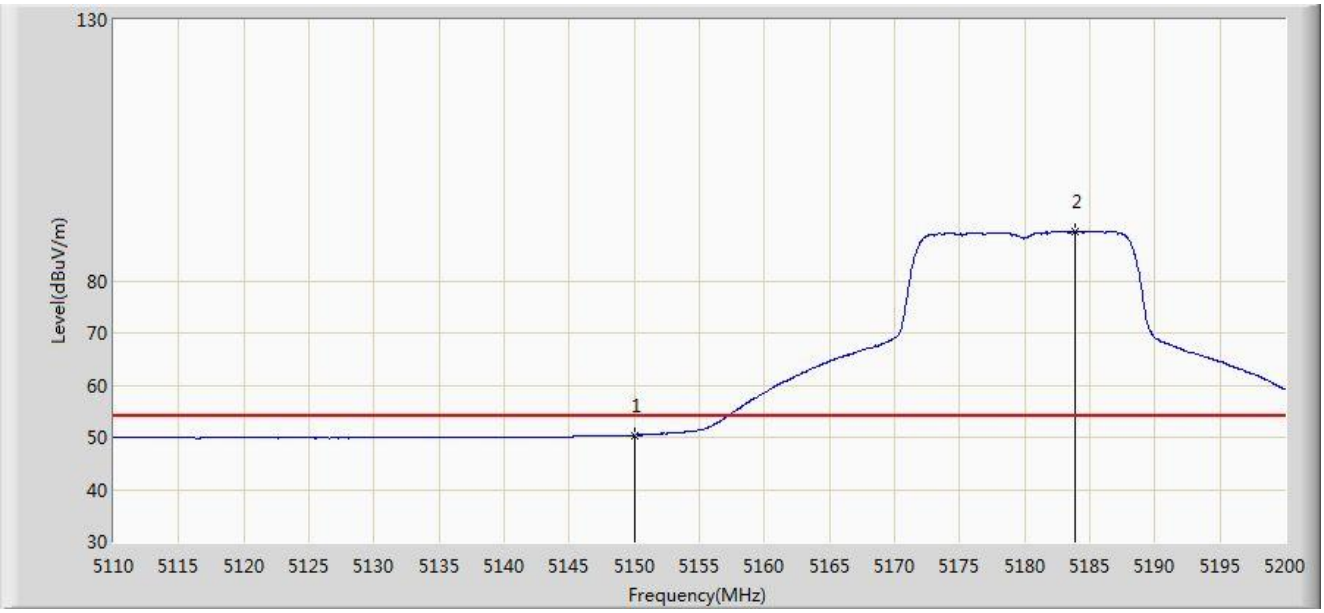


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	62.801	25.349	-11.199	74.000	37.452	PK
2		*	5178.670	101.305	63.928	N/A	N/A	37.377	PK

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

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

Site: AC1	Time: 2015/04/24 - 02:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5180MHz by 802.11a 1TX	

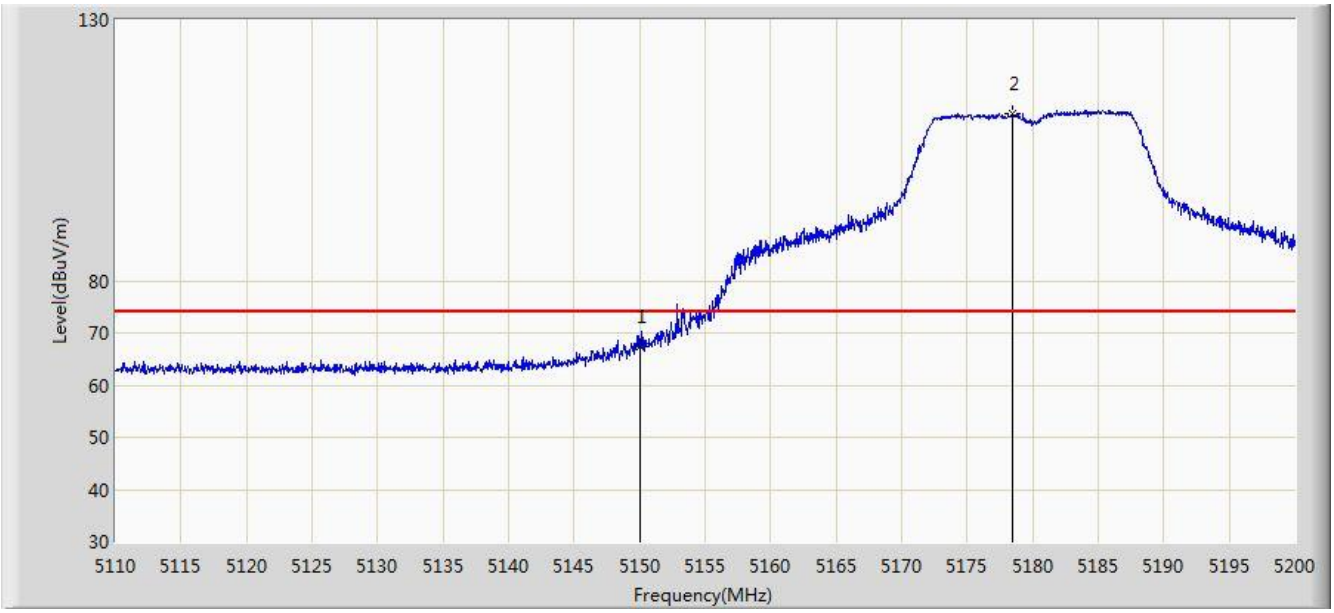


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.424	12.972	-3.576	54.000	37.452	AV
2		*	5183.890	89.475	52.111	N/A	N/A	37.365	AV

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

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

Site: AC1	Time: 2015/04/24 - 02:53
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5180MHz by 802.11a 1TX	

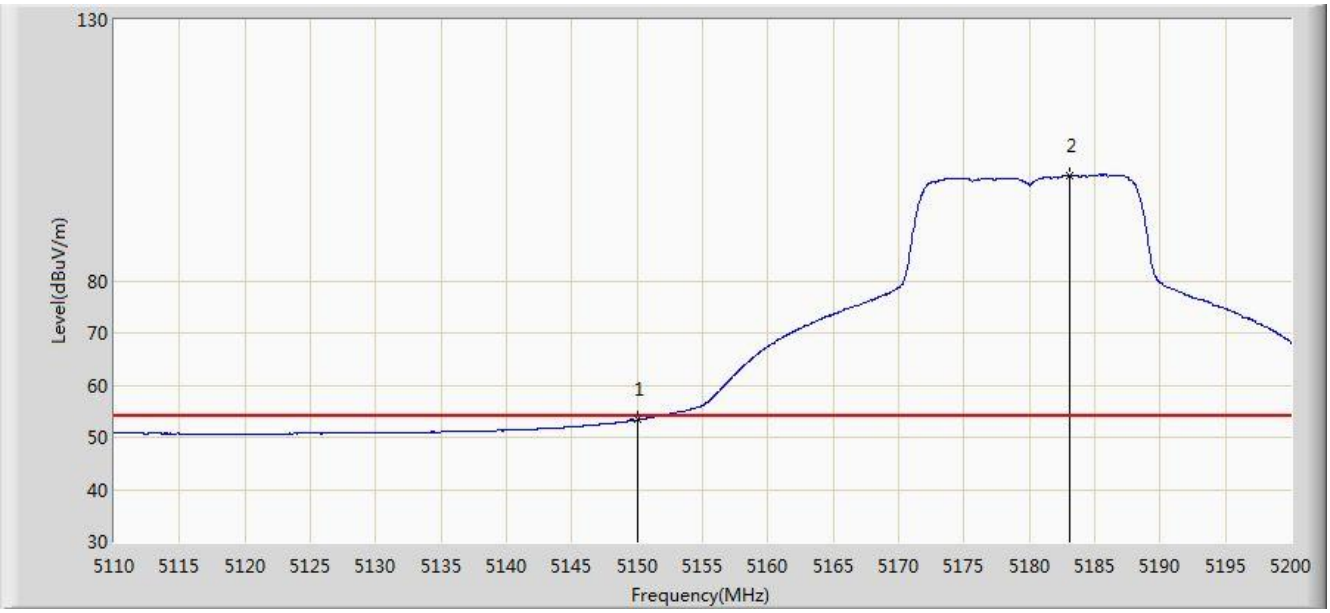


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	67.448	29.996	-6.552	74.000	37.452	PK
2		*	5178.445	111.906	74.529	N/A	N/A	37.377	PK

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

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

Site: AC1	Time: 2015/04/24 - 02:52
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5180MHz by 802.11a 1TX	

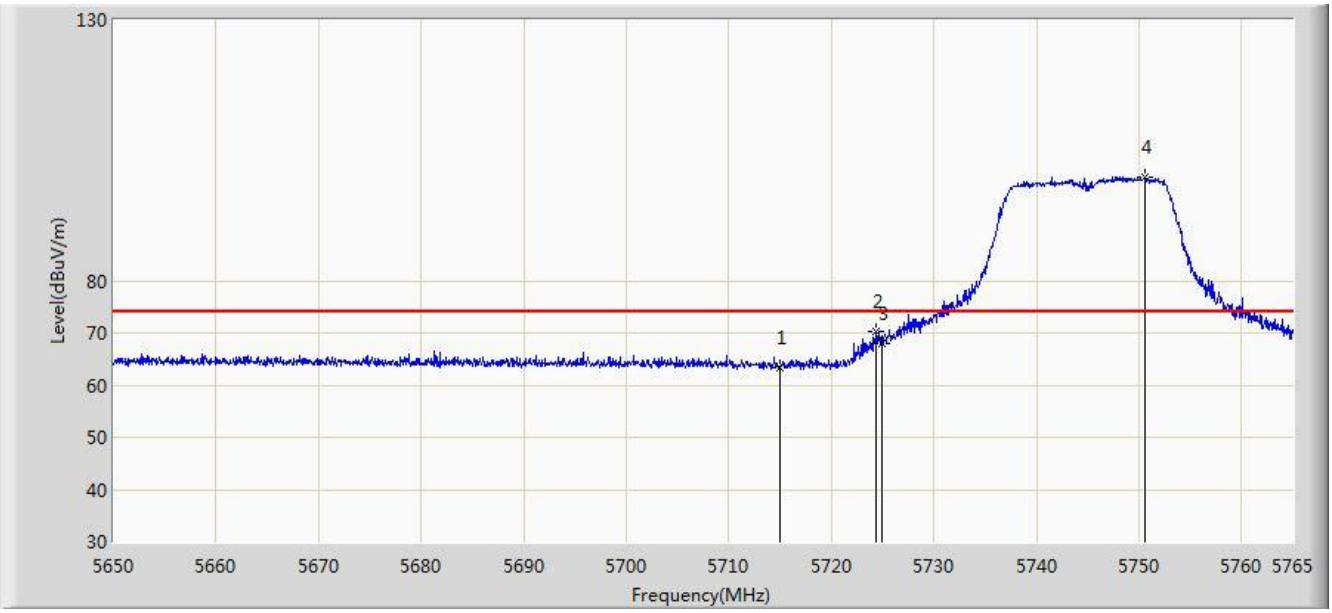


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	53.336	15.884	-0.664	54.000	37.452	AV
2		*	5183.035	100.089	62.722	N/A	N/A	37.367	AV

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

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

Site: AC1	Time: 2015/05/06 - 01:10
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5745MHz by 802.11a 1TX	

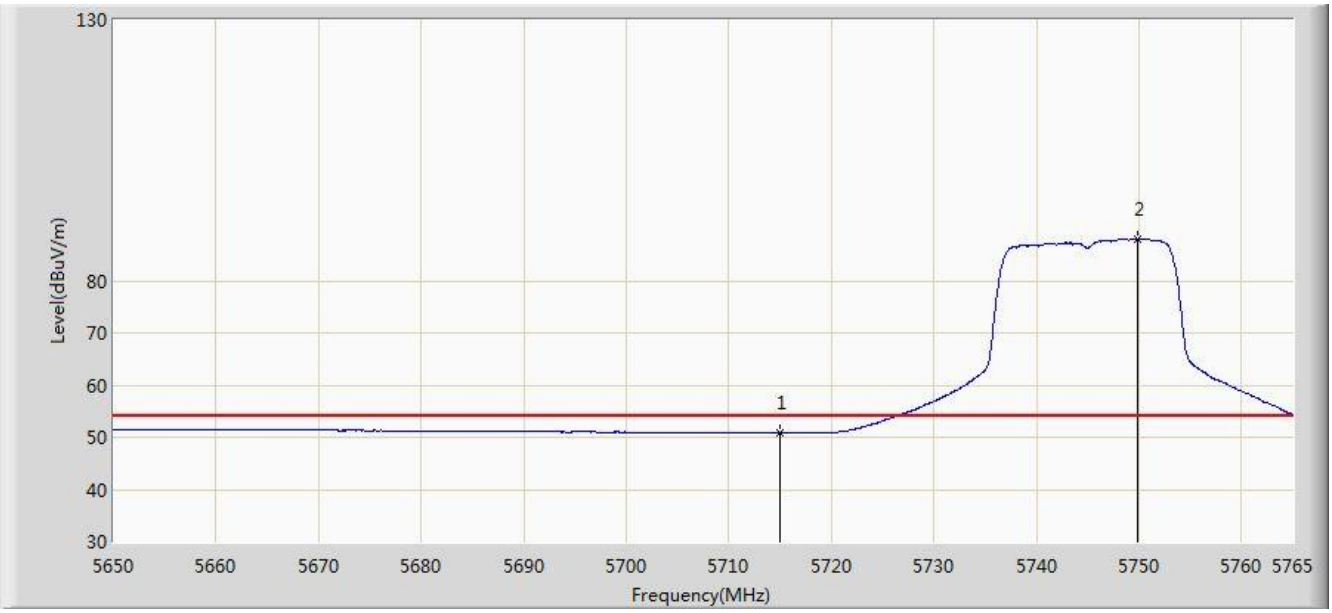


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	63.453	25.504	-10.547	74.000	37.949	PK
2			5724.405	70.287	32.300	-7.913	78.200	37.988	PK
3			5725.000	68.097	30.107	-10.103	78.200	37.990	PK
4		*	5750.625	99.759	61.660	N/A	N/A	38.098	PK

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

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

Site: AC1	Time: 2015/05/06 - 01:12
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5745MHz by 802.11a 1TX	

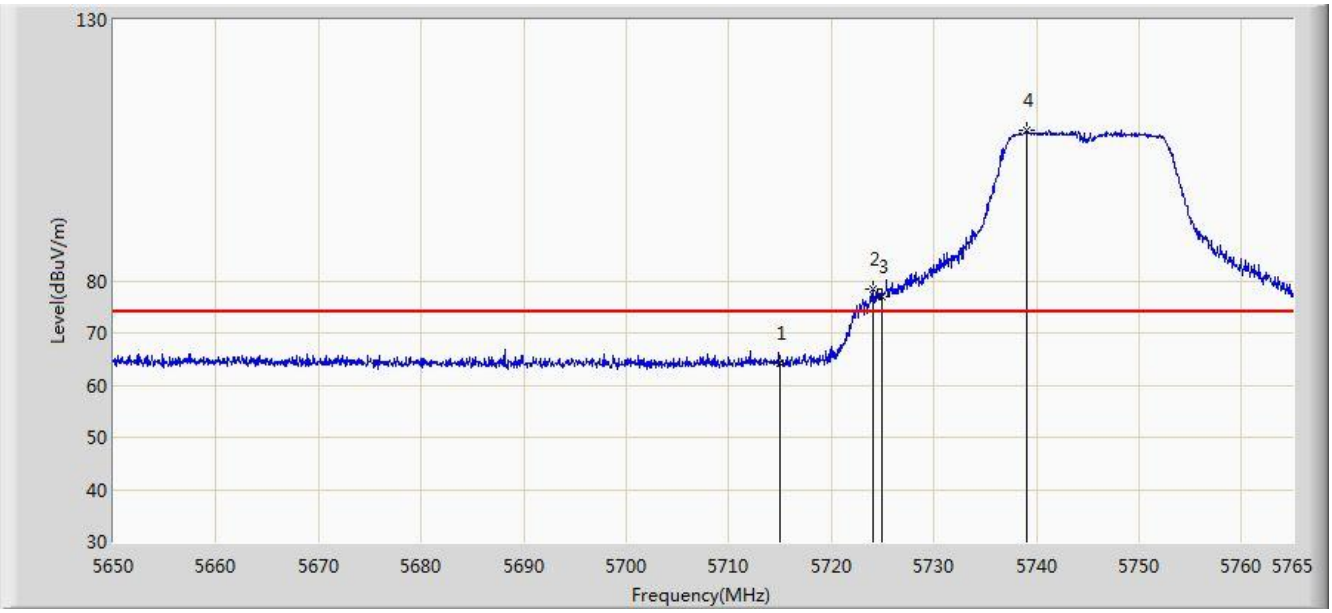


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	50.857	12.908	-3.143	54.000	37.949	AV
2		*	5749.935	87.963	49.868	N/A	N/A	38.095	AV

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

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

Site: AC1	Time: 2015/05/06 - 01:08
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5745MHz by 802.11a 1TX	

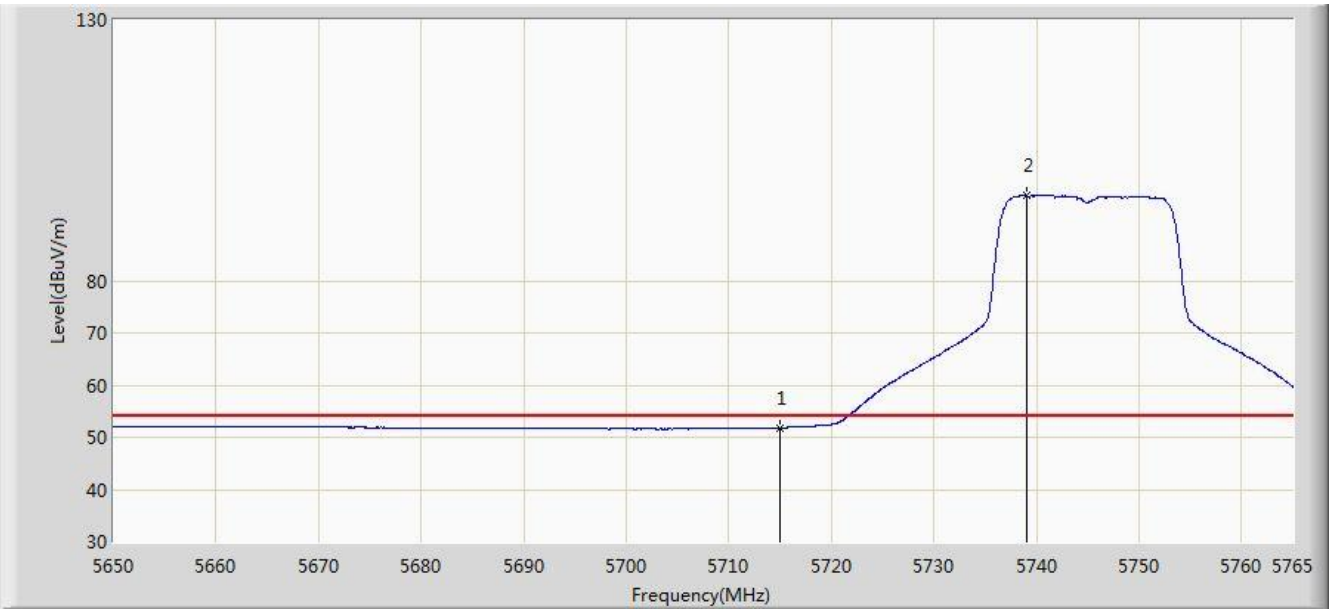


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	64.313	26.364	-9.687	74.000	37.949	PK
2			5724.002	78.041	40.055	-0.159	78.200	37.986	PK
3			5725.000	77.068	39.078	-1.132	78.200	37.990	PK
4		*	5739.010	108.767	70.720	N/A	N/A	38.047	PK

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

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

Site: AC1	Time: 2015/05/06 - 01:09
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5745MHz by 802.11a 1TX	

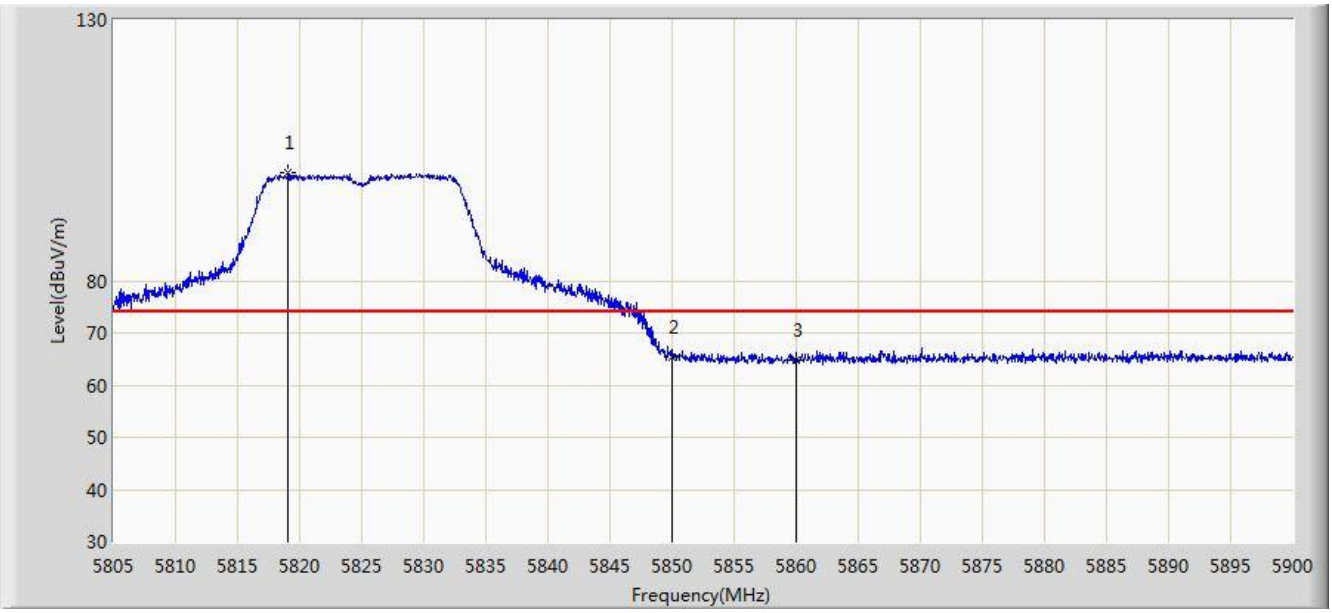


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	51.861	13.912	-2.139	54.000	37.949	AV
2		*	5739.010	96.343	58.296	N/A	N/A	38.047	AV

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

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

Site: AC1	Time: 2015/05/06 - 01:15
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5825MHz by 802.11a 1TX	

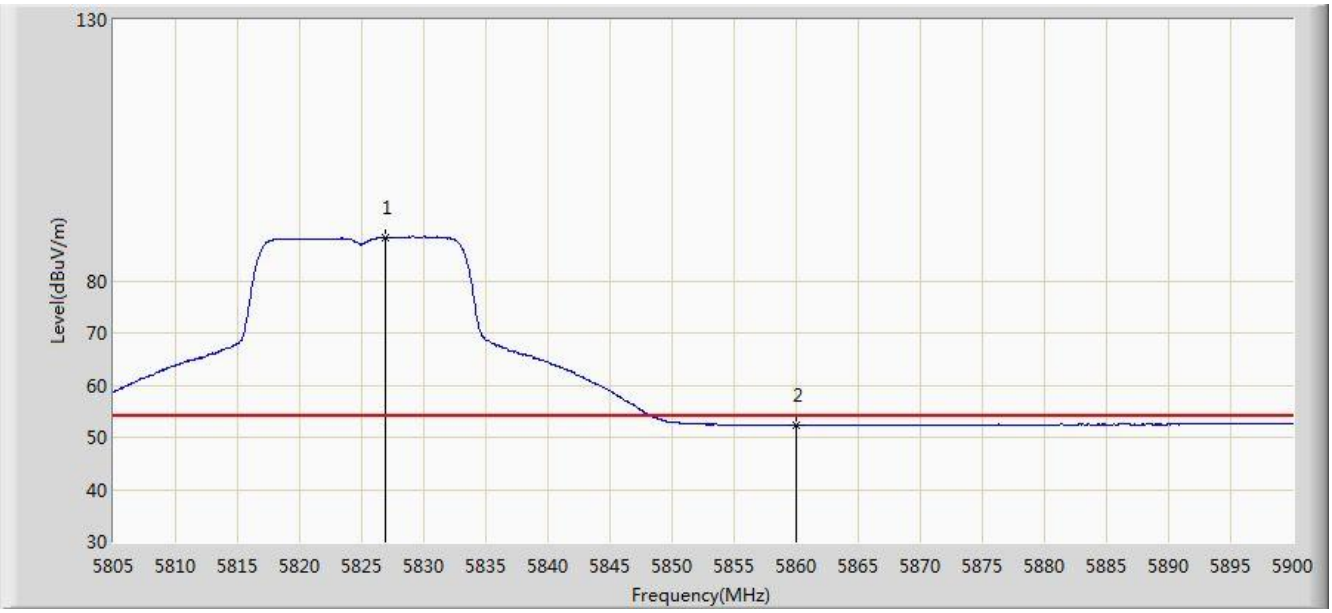


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5819.060	100.631	62.300	N/A	N/A	38.331	PK
2			5850.000	65.334	26.881	-12.866	78.200	38.454	PK
3			5860.000	64.823	26.345	-9.177	74.000	38.478	PK

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

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

Site: AC1	Time: 2015/05/06 - 01:16
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5825MHz by 802.11a 1TX	

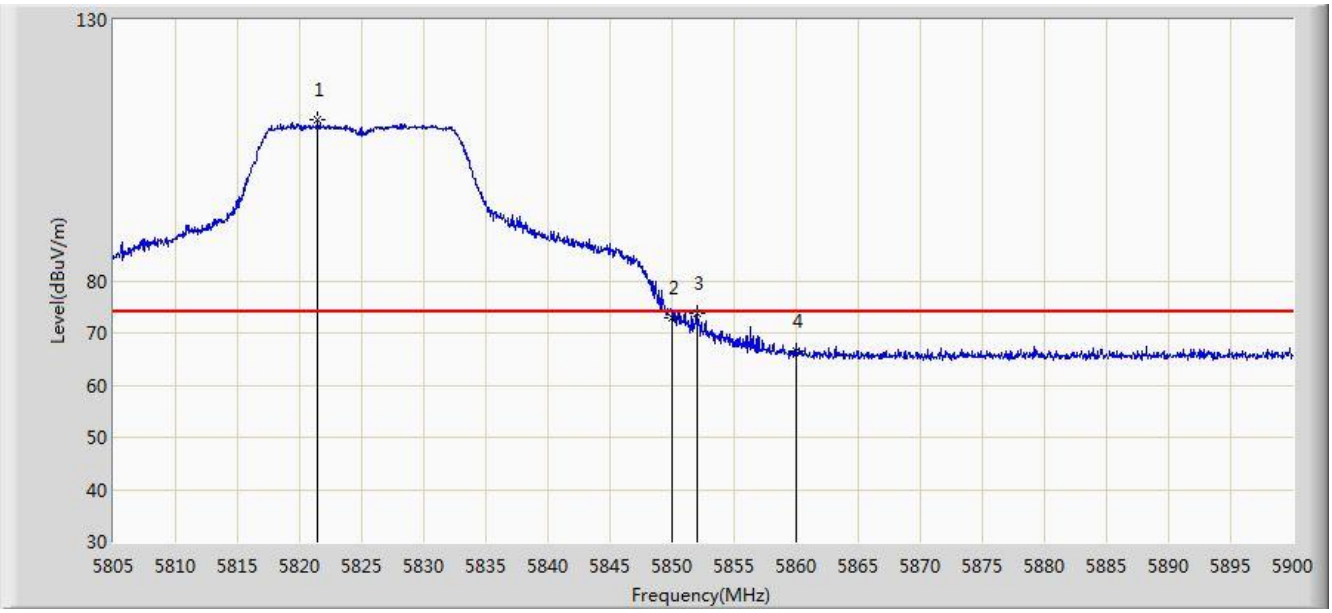


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5826.945	88.280	49.916	N/A	N/A	38.363	AV
2			5860.000	52.313	13.835	-1.687	54.000	38.478	AV

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

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

Site: AC1	Time: 2015/05/06 - 01:13
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5825MHz by 802.11a 1TX	

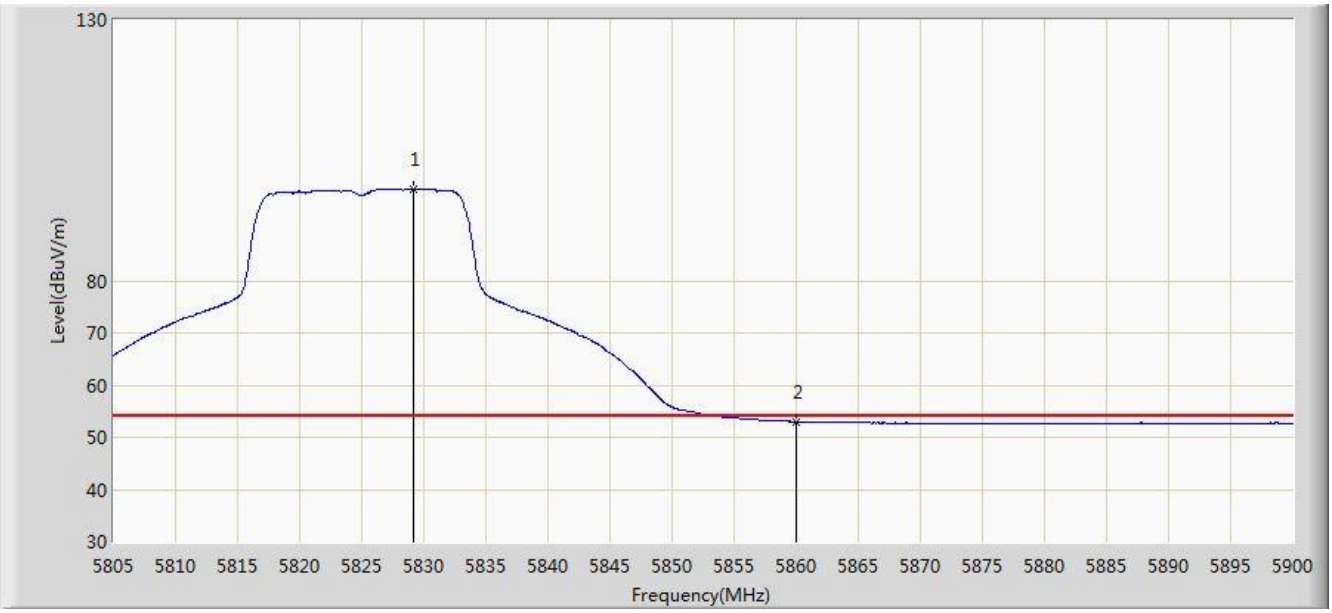


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5821.482	110.812	72.471	N/A	N/A	38.341	PK
2			5850.000	73.035	34.582	-5.165	78.200	38.454	PK
3			5852.025	73.799	35.341	-4.401	78.200	38.458	PK
4			5860.000	66.572	28.094	-7.428	74.000	38.478	PK

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

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

Site: AC1	Time: 2015/05/06 - 01:15
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5825MHz by 802.11a 1TX	

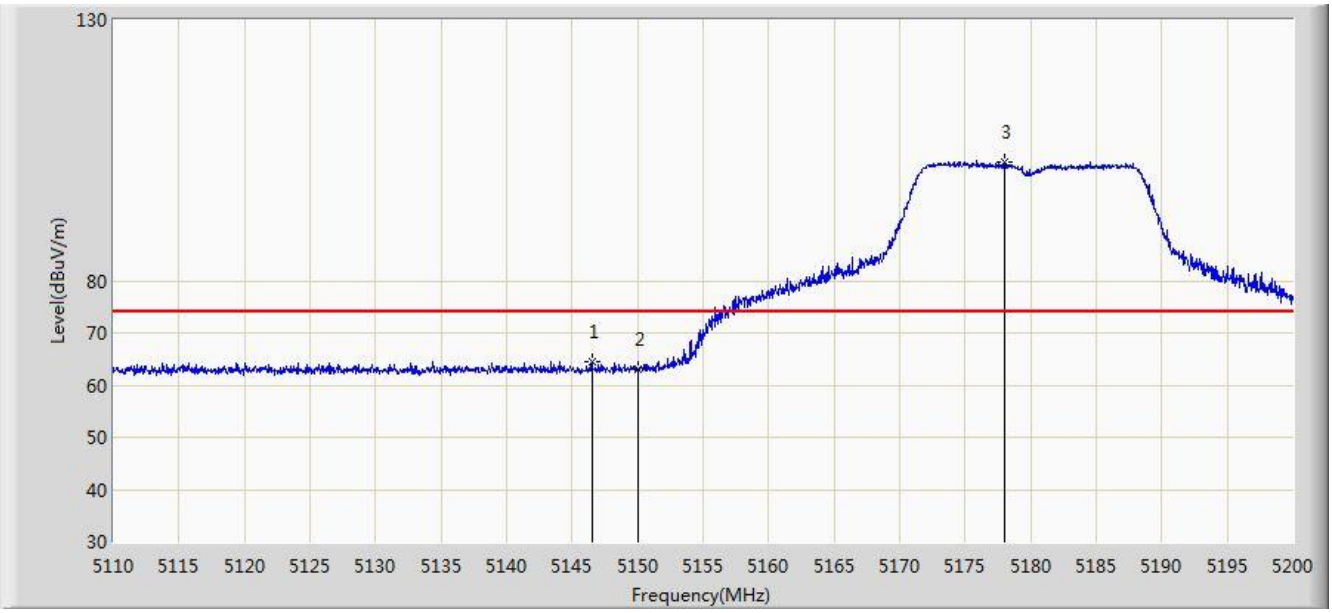


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5829.178	97.605	59.232	N/A	N/A	38.373	AV
2			5860.000	52.982	14.504	-1.018	54.000	38.478	AV

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

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

Site: AC1	Time: 2015/04/25 - 00:23
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5180MHz by 802.11n-HT20 2TX	

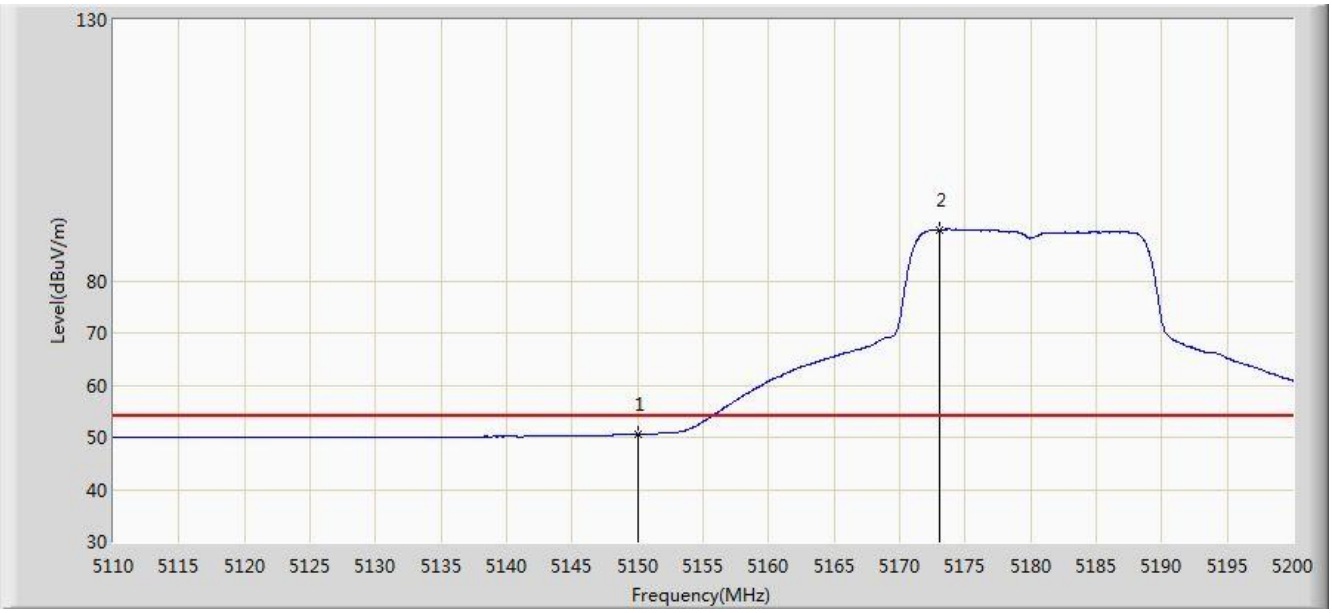


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5146.495	64.569	27.112	-9.431	74.000	37.457	PK
2			5150.000	63.107	25.655	-10.893	74.000	37.452	PK
3		*	5177.995	102.828	65.450	N/A	N/A	37.378	PK

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

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

Site: AC1	Time: 2015/04/25 - 00:25
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5180MHz by 802.11n-HT20 2TX	

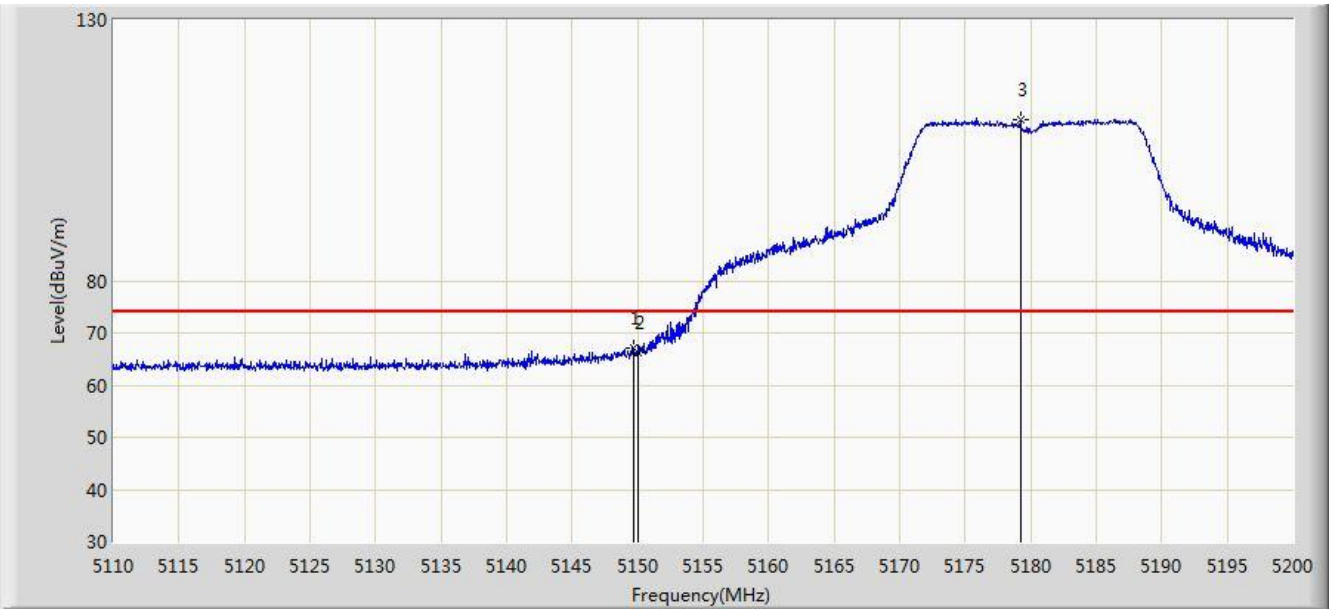


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.563	13.111	-3.437	54.000	37.452	AV
2		*	5173.045	89.828	52.438	N/A	N/A	37.389	AV

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

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

Site: AC1	Time: 2015/04/25 - 00:20
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5180MHz by 802.11n-HT20 2TX	

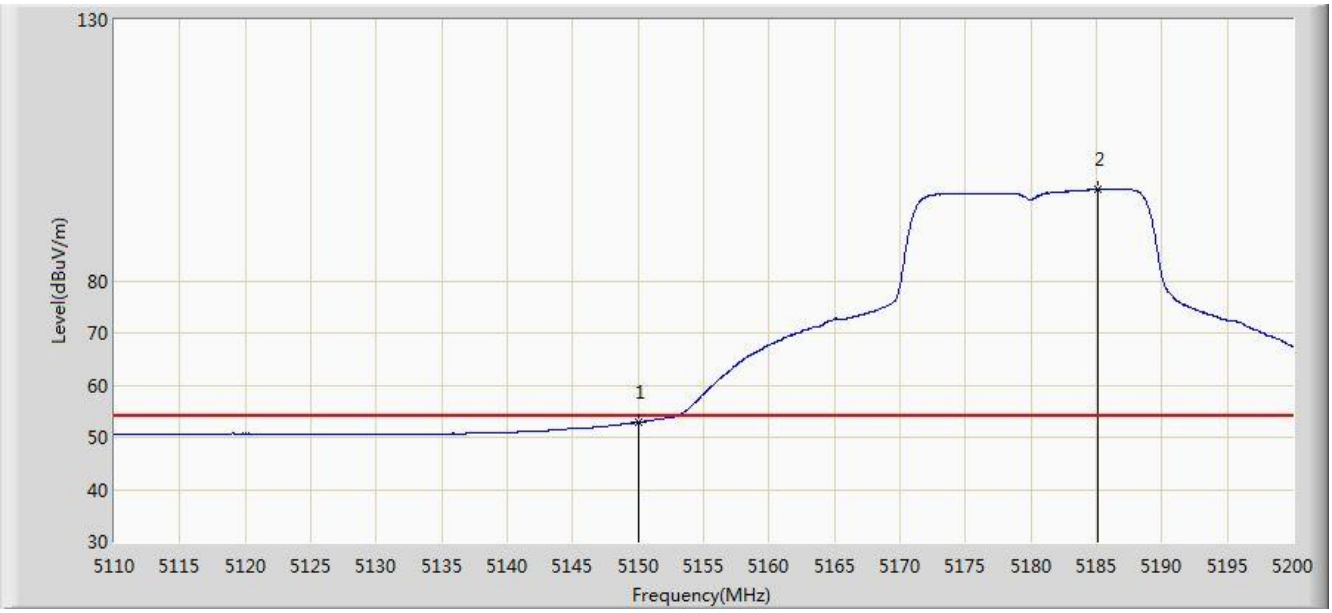


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.690	67.229	29.777	-6.771	74.000	37.452	PK
2			5150.000	66.373	28.921	-7.627	74.000	37.452	PK
3		*	5179.210	110.876	73.500	N/A	N/A	37.376	PK

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

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

Site: AC1	Time: 2015/04/25 - 00:22
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5180MHz by 802.11n-HT20 2TX	

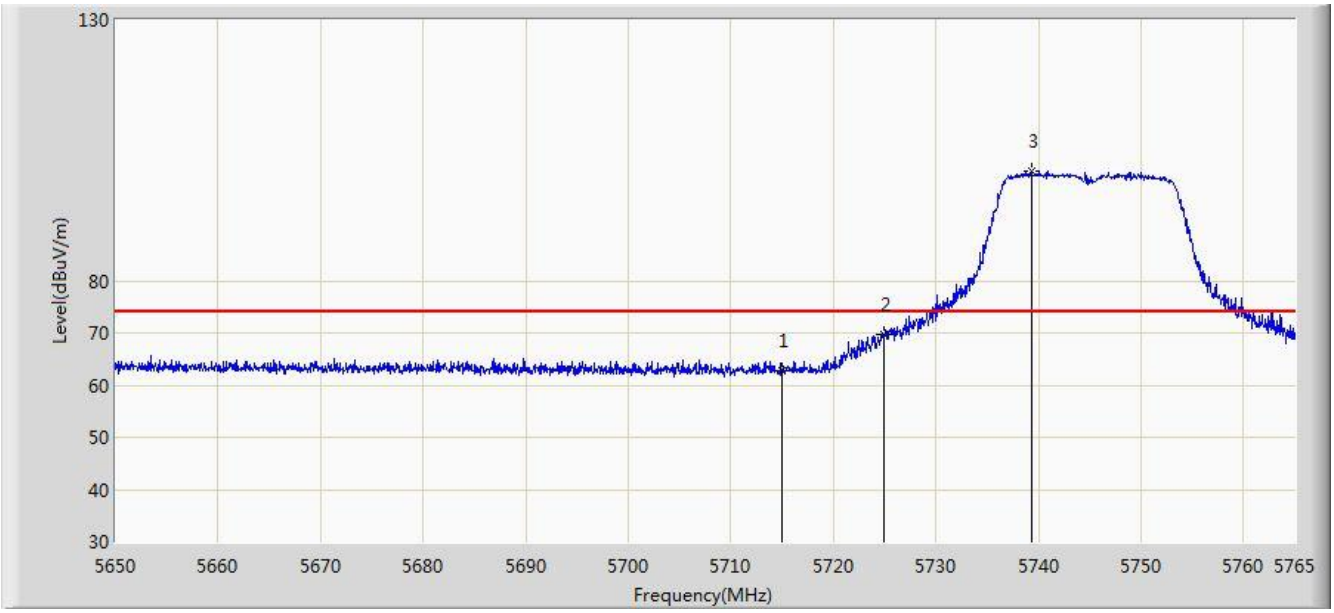


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	52.825	15.373	-1.175	54.000	37.452	AV
2		*	5185.105	97.550	60.189	N/A	N/A	37.361	AV

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

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

Site: AC1	Time: 2015/05/06 - 02:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5745MHz by 802.11n-HT20 2TX	

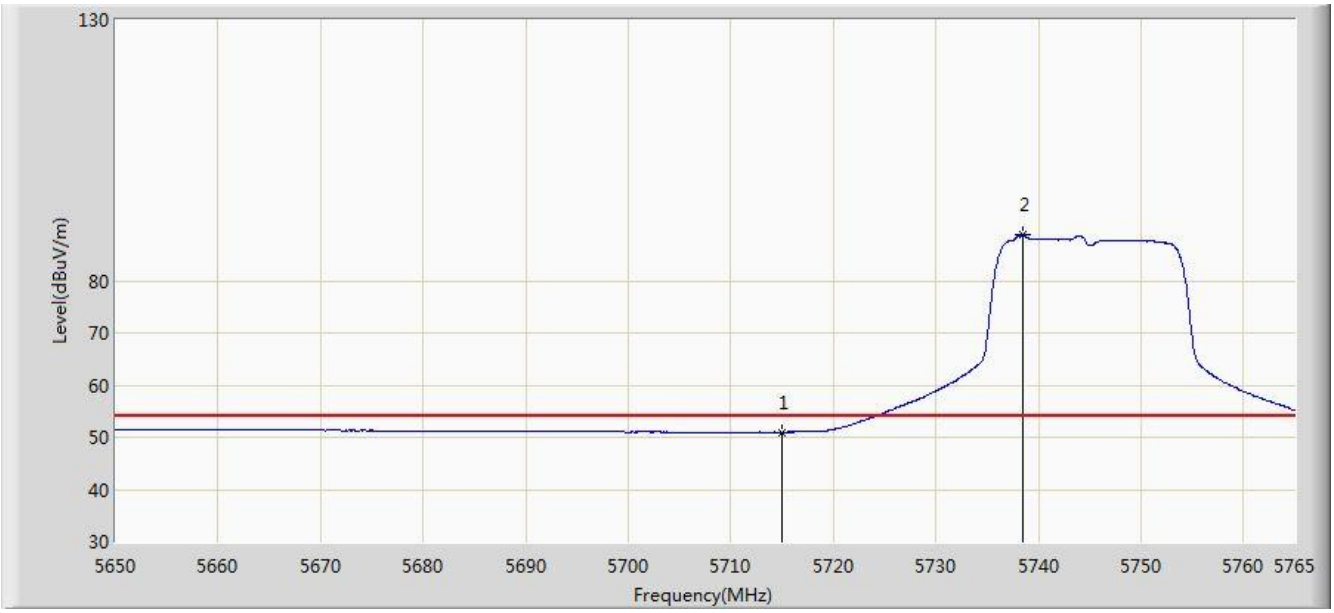


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	62.756	24.807	-11.244	74.000	37.949	PK
2			5725.000	69.647	31.657	-8.553	78.200	37.990	PK
3		*	5739.297	101.036	62.988	N/A	N/A	38.048	PK

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

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

Site: AC1	Time: 2015/05/06 - 02:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5745MHz by 802.11n-HT20 2TX	

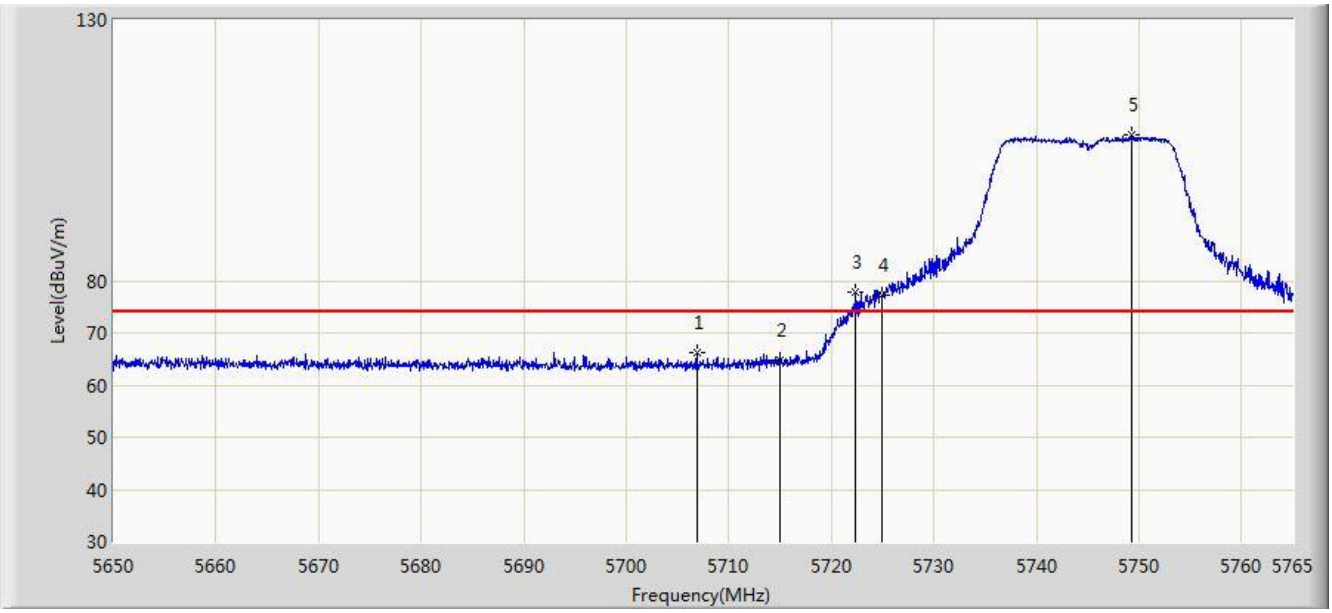


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	51.007	13.058	-2.993	54.000	37.949	AV
2		*	5738.493	88.852	50.807	N/A	N/A	38.046	AV

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

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

Site: AC1	Time: 2015/05/06 - 02:35
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5745MHz by 802.11n-HT20 2TX	

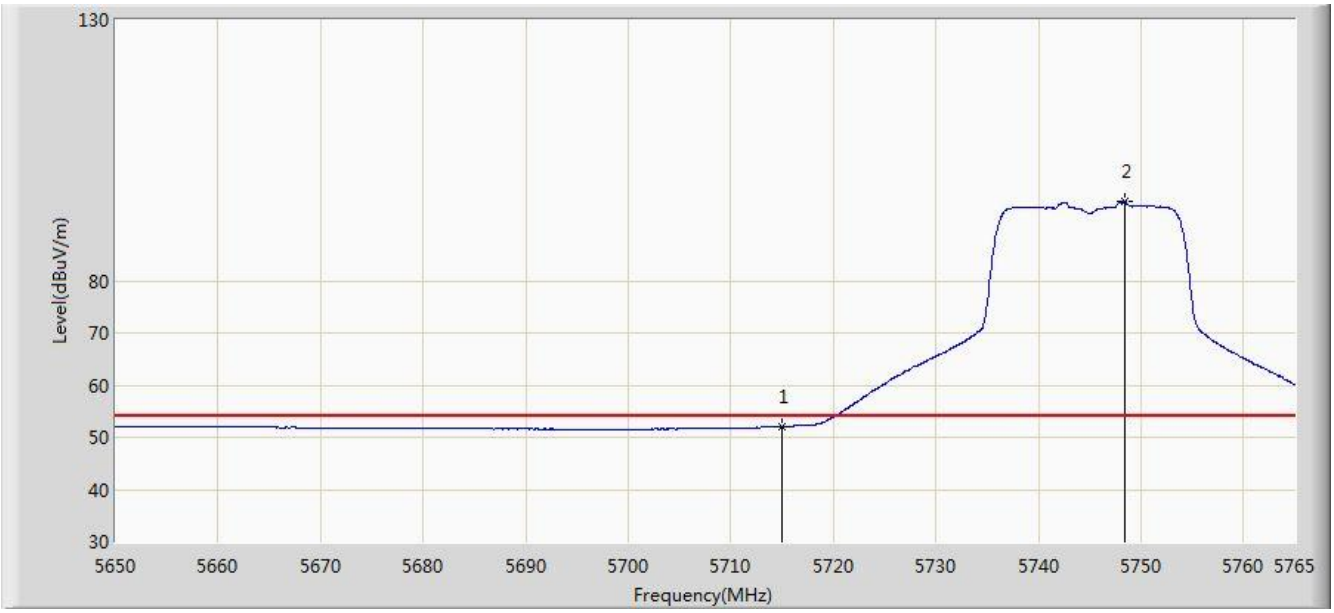


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5706.868	66.373	28.457	-7.627	74.000	37.916	PK
2			5715.000	64.827	26.878	-9.173	74.000	37.949	PK
3			5722.393	77.773	39.794	-0.427	78.200	37.979	PK
4			5725.000	77.141	39.151	-1.059	78.200	37.990	PK
5		*	5749.360	108.026	69.933	N/A	N/A	38.093	PK

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

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

Site: AC1	Time: 2015/05/06 - 02:36
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5745MHz by 802.11n-HT20 2TX	

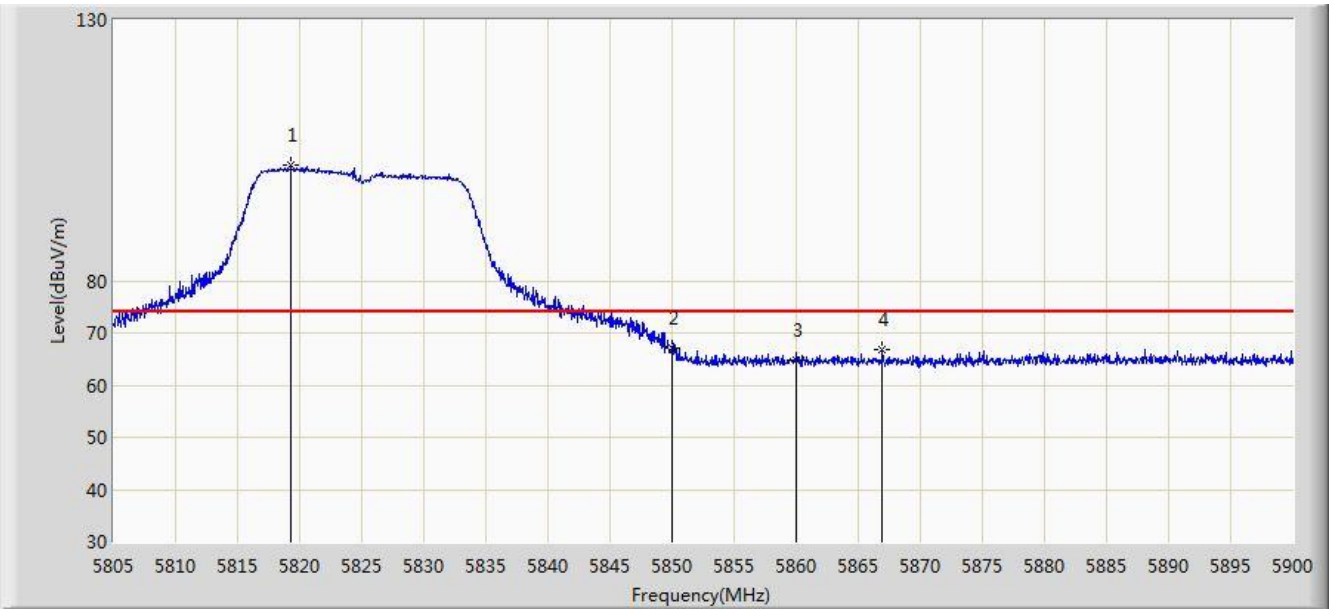


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	52.004	14.055	-1.996	54.000	37.949	AV
2		*	5748.498	95.112	57.023	N/A	N/A	38.088	AV

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

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

Site: AC1	Time: 2015/05/06 - 02:40
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5825MHz by 802.11n-HT20 2TX	

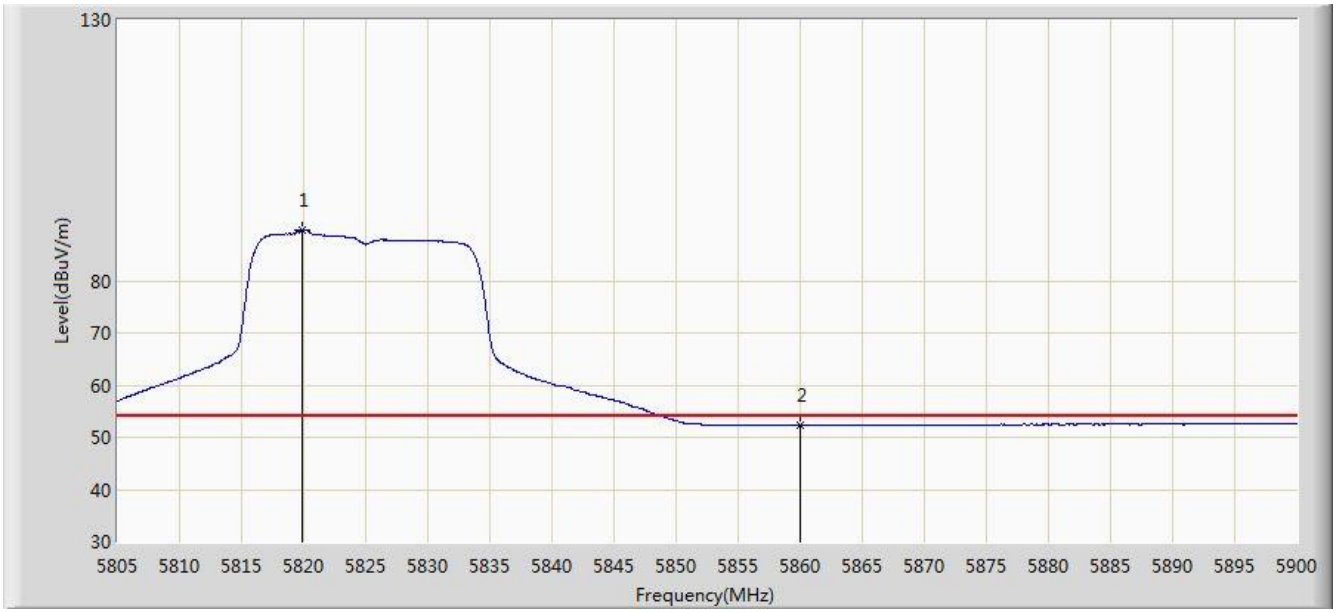


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5819.297	102.055	63.723	N/A	N/A	38.332	PK
2			5850.000	67.052	28.599	-11.148	78.200	38.454	PK
3			5860.000	64.903	26.425	-9.097	74.000	38.478	PK
4			5866.940	66.885	28.397	-7.115	74.000	38.488	PK

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

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

Site: AC1	Time: 2015/05/06 - 02:41
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5825MHz by 802.11n-HT20 2TX	

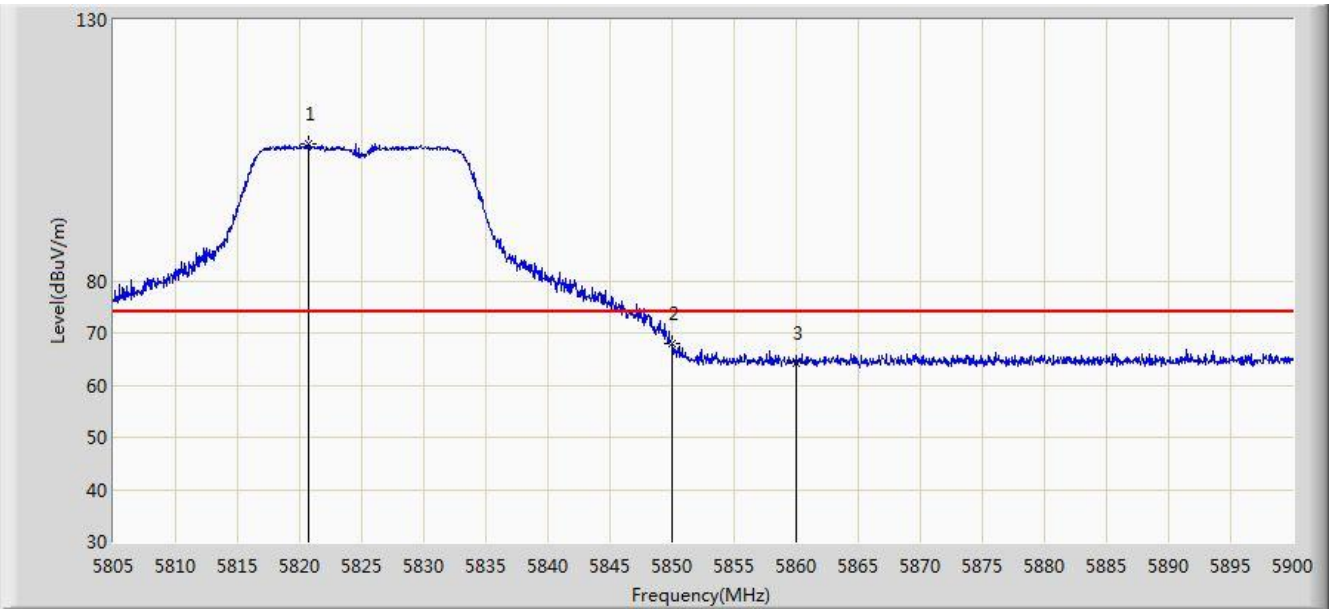


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5819.868	89.641	51.307	N/A	N/A	38.335	AV
2			5860.000	52.349	13.871	-1.651	54.000	38.478	AV

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

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

Site: AC1	Time: 2015/05/06 - 02:39
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5825MHz by 802.11n-HT20 2TX	

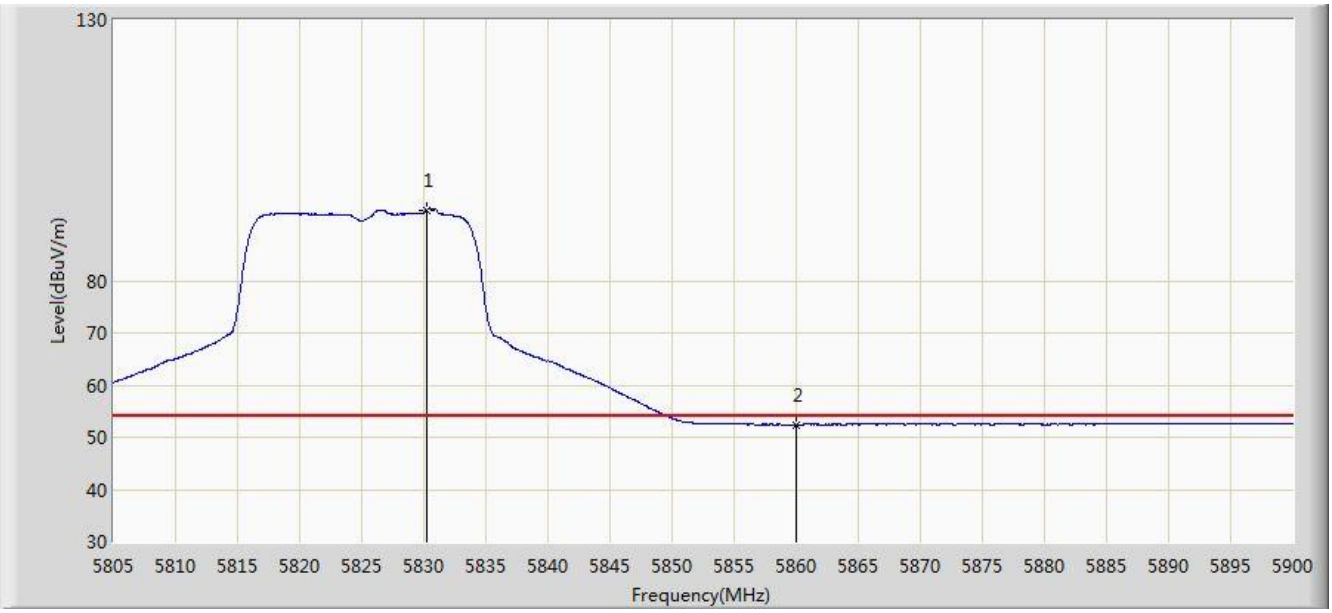


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5820.675	106.370	68.032	N/A	N/A	38.337	PK
2			5850.000	67.854	29.401	-10.346	78.200	38.454	PK
3			5860.000	64.209	25.731	-9.791	74.000	38.478	PK

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

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

Site: AC1	Time: 2015/05/06 - 02:40
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5825MHz by 802.11n-HT20 2TX	

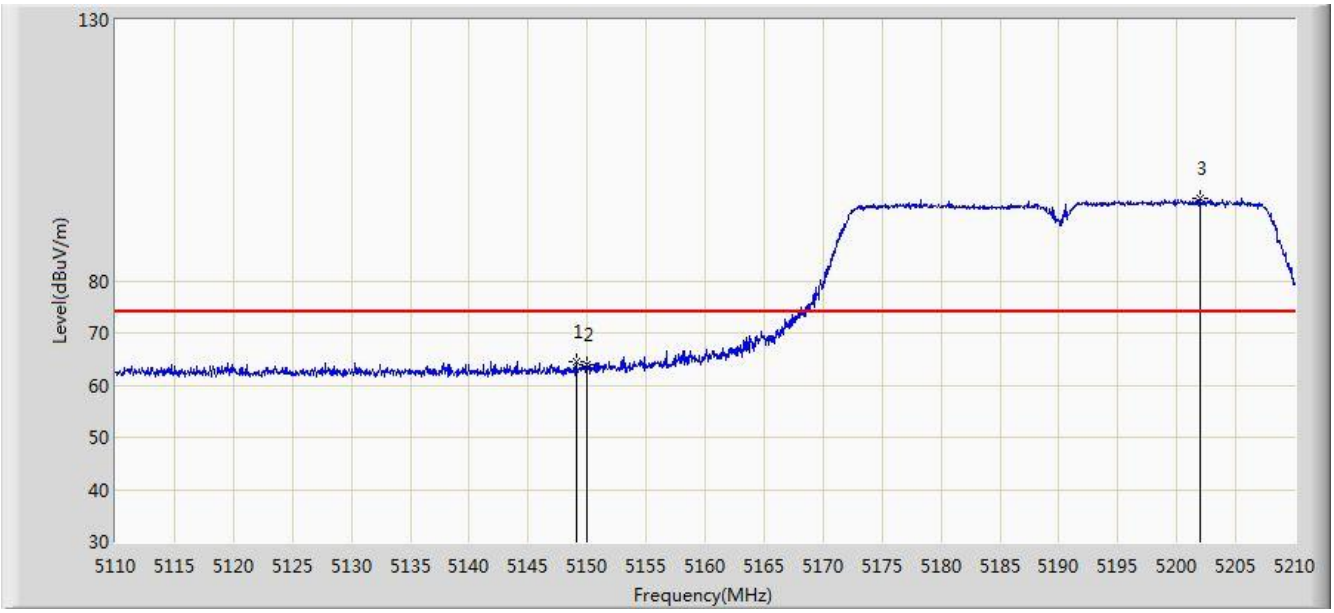


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5830.223	93.538	55.160	N/A	N/A	38.378	AV
2			5860.000	52.416	13.938	-1.584	54.000	38.478	AV

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

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

Site: AC1	Time: 2015/04/25 - 03:20
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5190MHz by 802.11n-HT40 2TX	

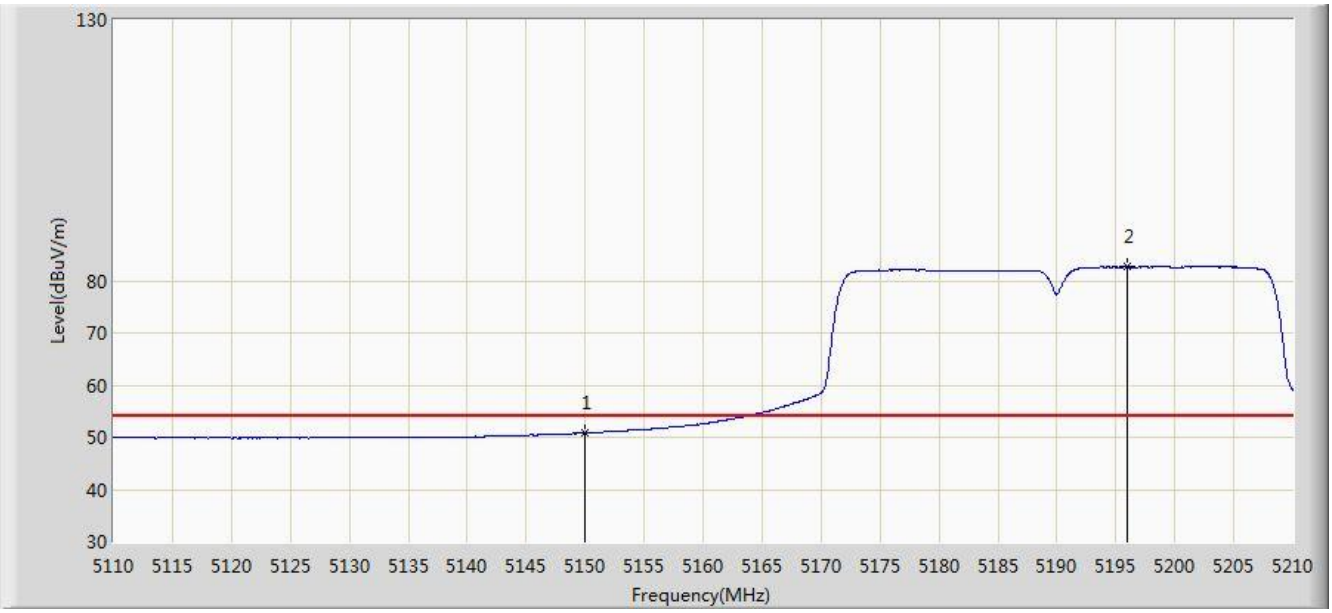


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.100	64.534	27.081	-9.466	74.000	37.453	PK
2			5150.000	63.801	26.349	-10.199	74.000	37.452	PK
3		*	5201.950	95.720	58.402	N/A	N/A	37.317	PK

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

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

Site: AC1	Time: 2015/04/25 - 03:21
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5190MHz by 802.11n-HT40 2TX	

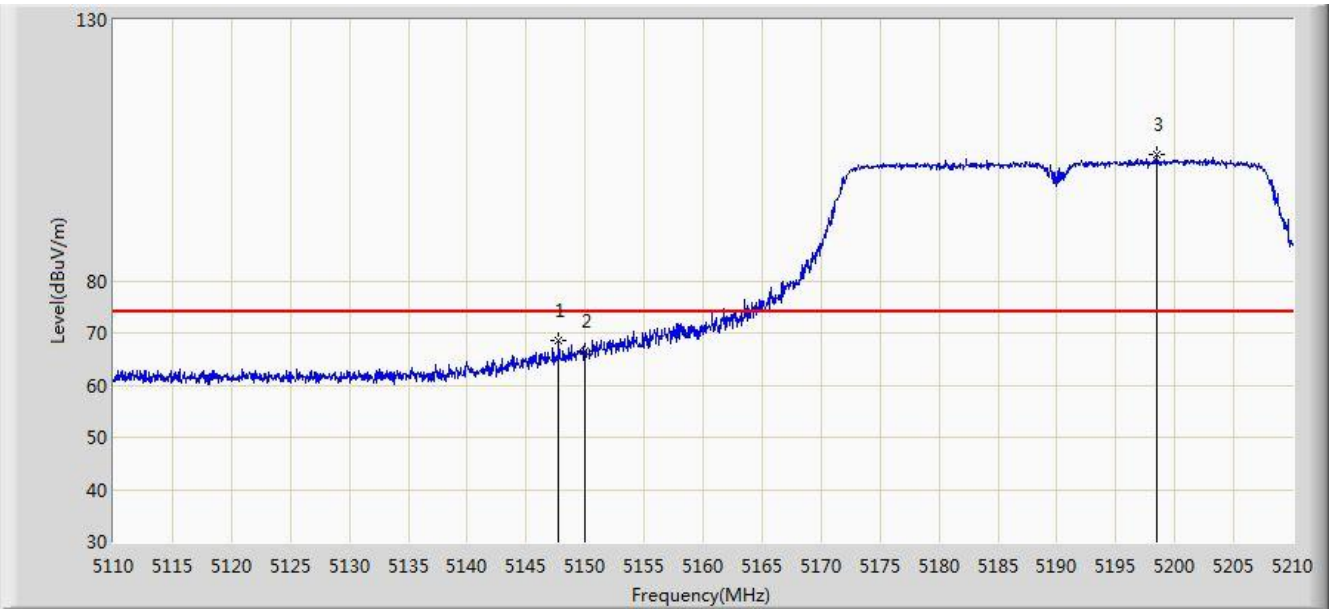


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.797	13.345	-3.203	54.000	37.452	AV
2		*	5196.000	82.645	45.310	N/A	N/A	37.334	AV

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

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

Site: AC1	Time: 2015/04/25 - 03:19
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5190MHz by 802.11n-HT40 2TX	

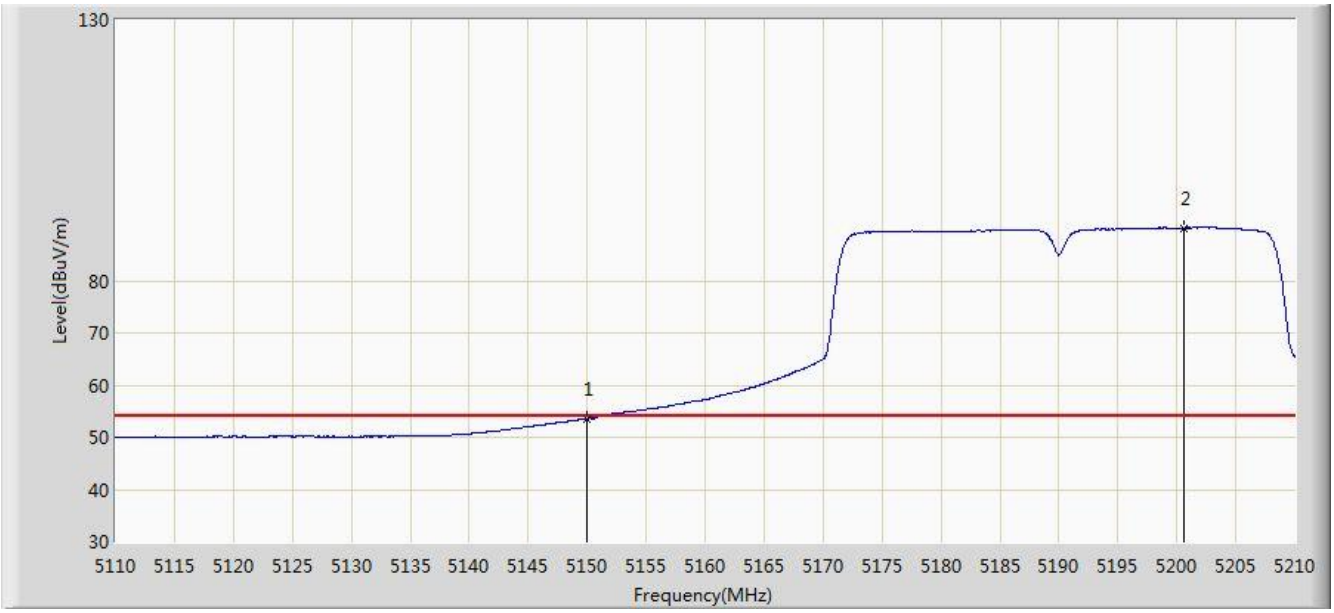


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5147.750	68.472	31.017	-5.528	74.000	37.455	PK
2			5150.000	66.385	28.933	-7.615	74.000	37.452	PK
3		*	5198.450	104.240	66.911	N/A	N/A	37.329	PK

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

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

Site: AC1	Time: 2015/04/25 - 03:18
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5190MHz by 802.11n-HT40 2TX	

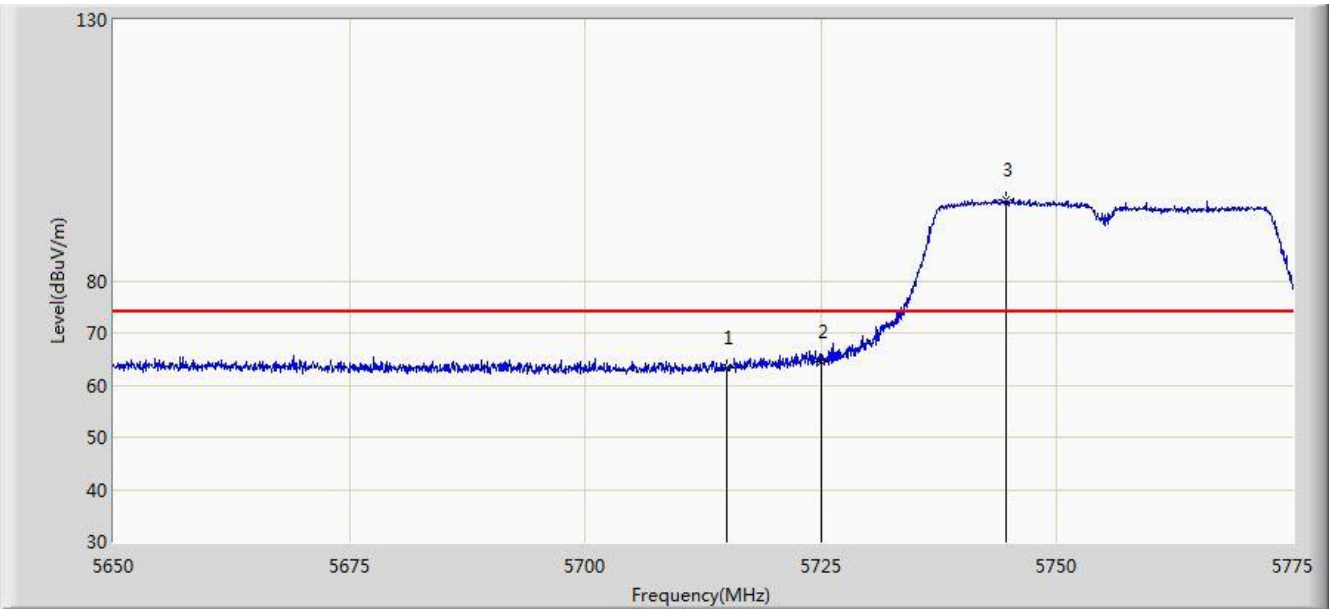


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	53.574	16.122	-0.426	54.000	37.452	AV
2		*	5200.600	90.106	52.784	N/A	N/A	37.323	AV

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

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

Site: AC1	Time: 2015/05/06 - 02:54
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5755MHz by 802.11n-HT40 2TX	

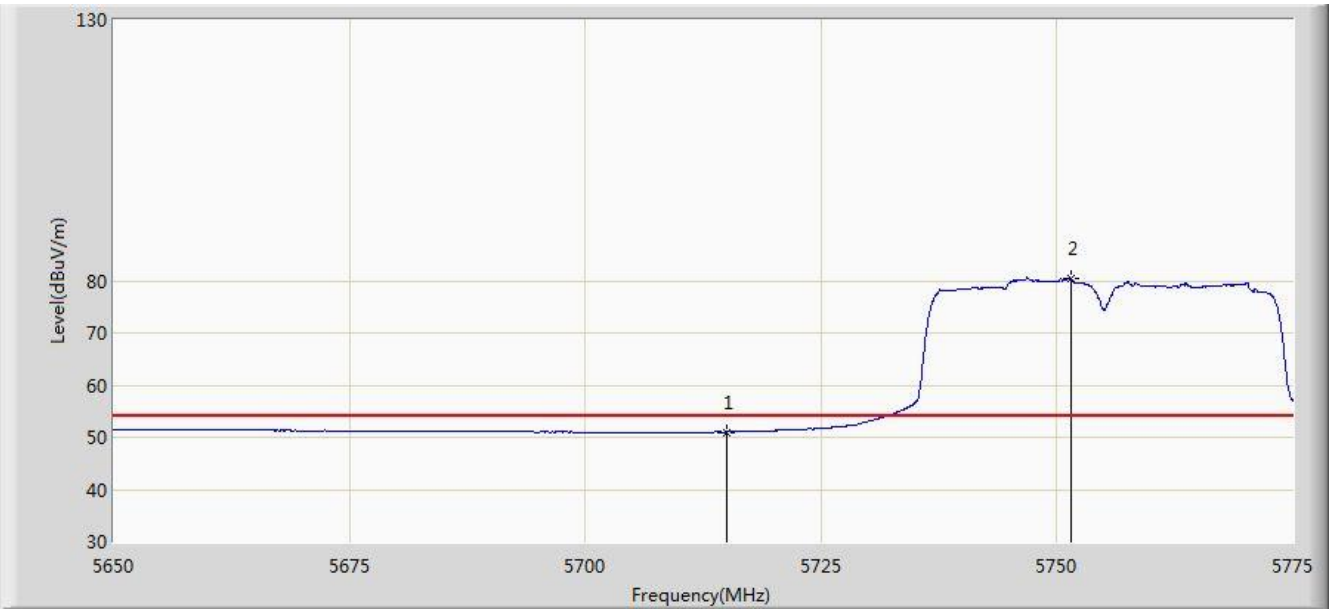


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	63.419	25.470	-10.581	74.000	37.949	PK
2			5725.000	64.416	26.426	-13.784	78.200	37.990	PK
3		*	5744.562	95.389	57.319	N/A	N/A	38.070	PK

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

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

Site: AC1	Time: 2015/05/06 - 02:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5755MHz by 802.11n-HT40 2TX	

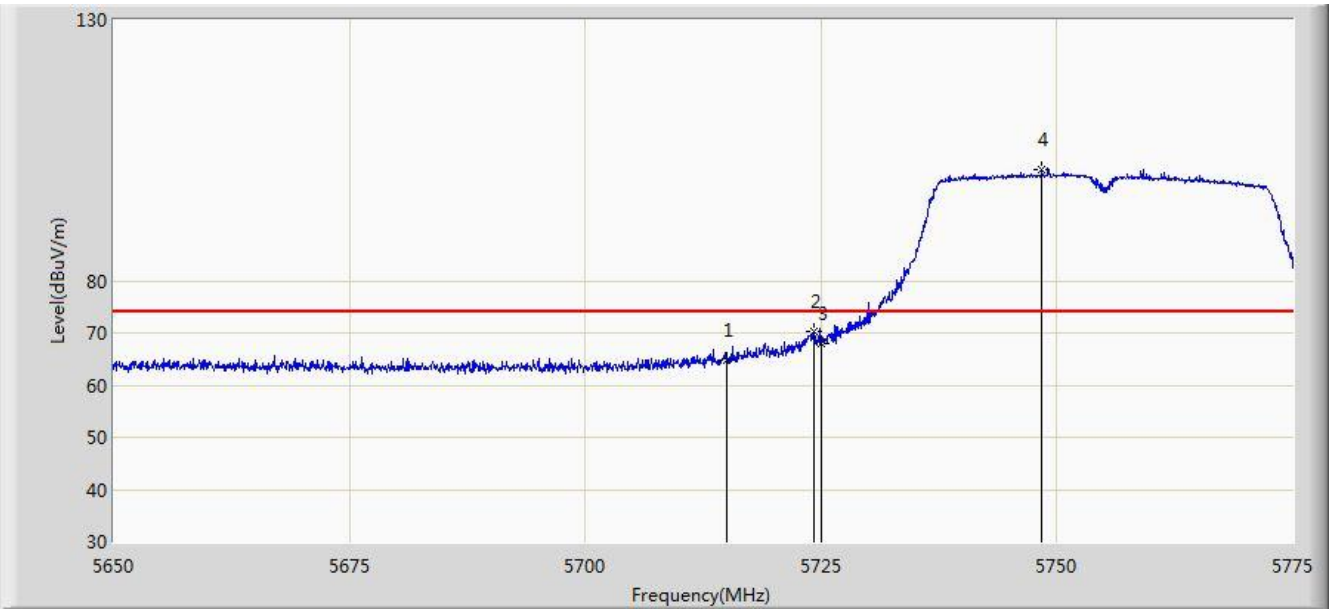


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	51.014	13.065	-2.986	54.000	37.949	AV
2		*	5751.437	80.340	42.237	N/A	N/A	38.102	AV

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

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

Site: AC1	Time: 2015/05/06 - 02:54
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5755MHz by 802.11n-HT40 2TX	

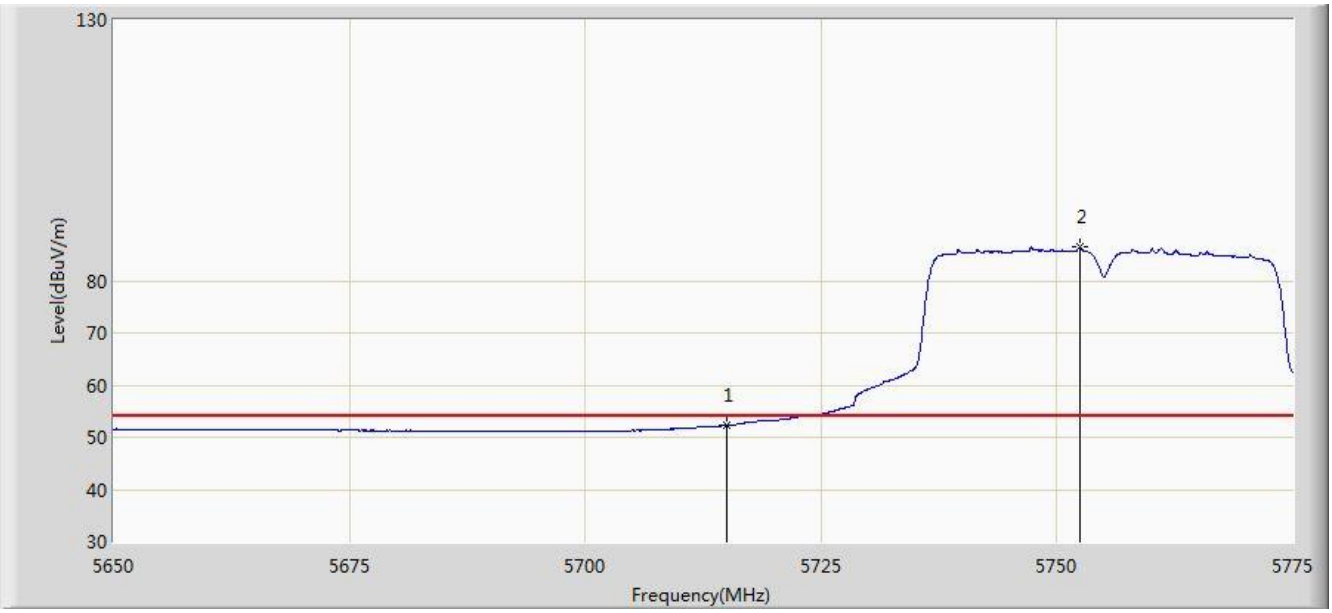


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	64.749	26.800	-9.251	74.000	37.949	PK
2			5724.312	70.274	32.287	-7.926	78.200	37.987	PK
3			5725.000	67.841	29.851	-10.359	78.200	37.990	PK
4		*	5748.375	101.284	63.196	N/A	N/A	38.088	PK

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

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

Site: AC1	Time: 2015/05/06 - 02:53
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5755MHz by 802.11n-HT40 2TX	

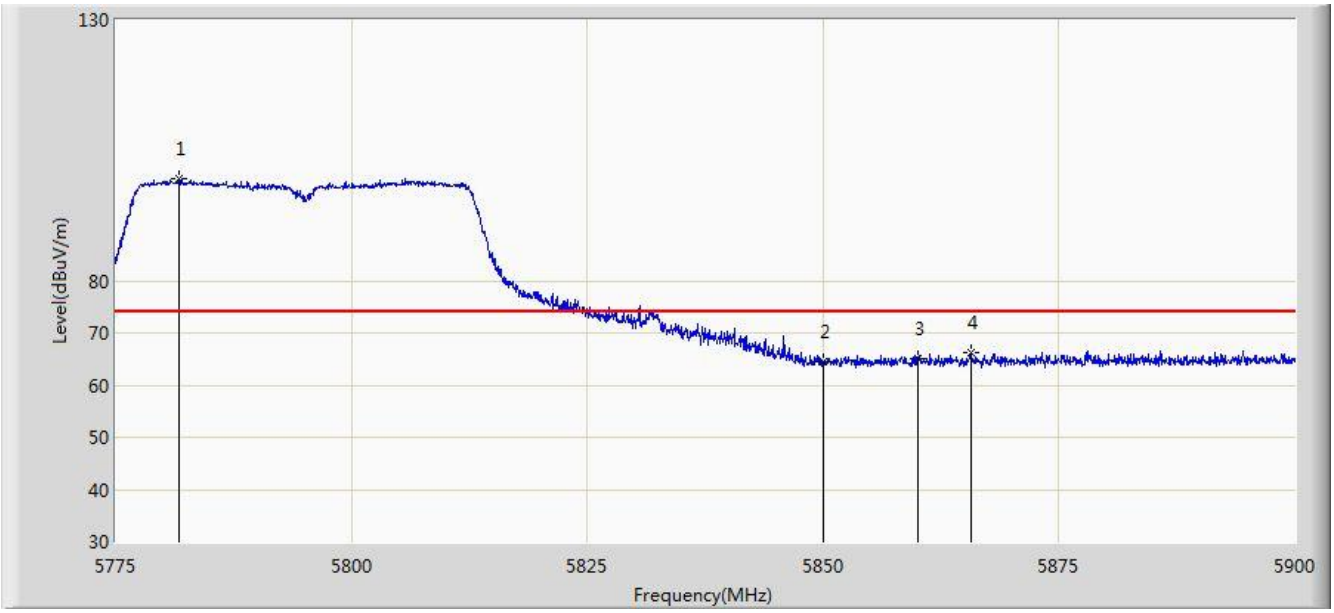


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	52.246	14.297	-1.754	54.000	37.949	AV
2		*	5752.375	86.427	48.320	N/A	N/A	38.108	AV

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

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

Site: AC1	Time: 2015/05/06 - 02:59
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5795MHz by 802.11n-HT40 2TX	

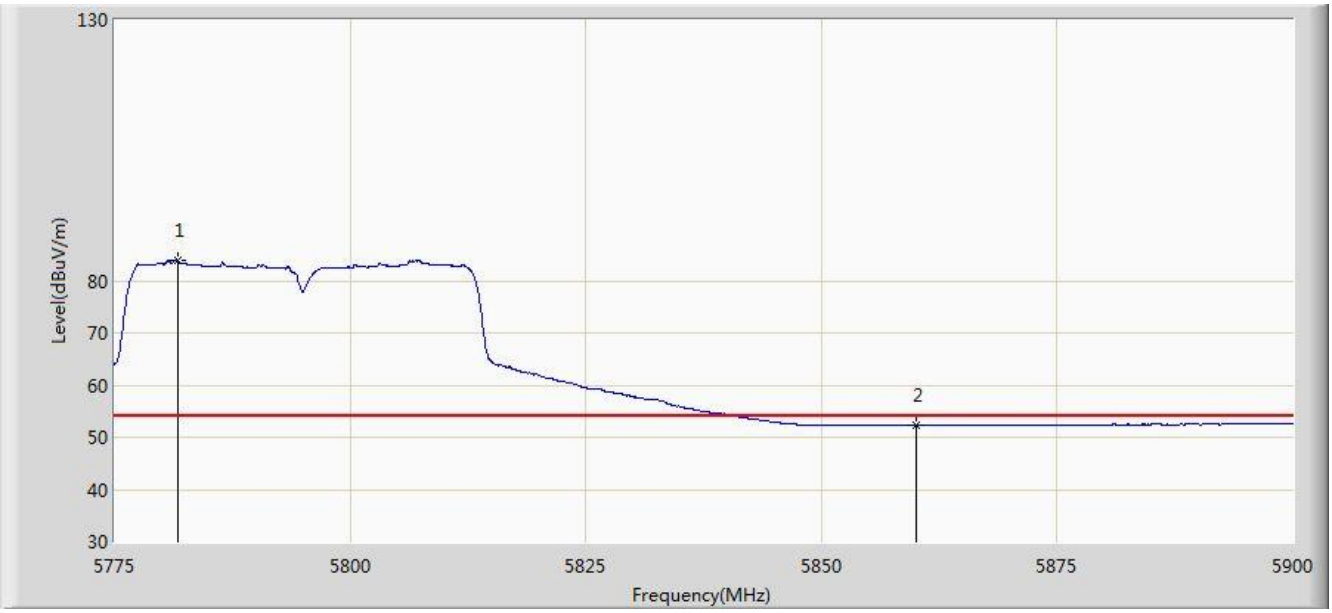


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5781.812	99.548	61.347	N/A	N/A	38.201	PK
2			5850.000	64.595	26.142	-13.605	78.200	38.454	PK
3			5860.000	65.076	26.598	-8.924	74.000	38.478	PK
4			5865.625	66.348	27.861	-7.652	74.000	38.486	PK

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

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

Site: AC1	Time: 2015/05/06 - 02:59
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5795MHz by 802.11n-HT40 2TX	

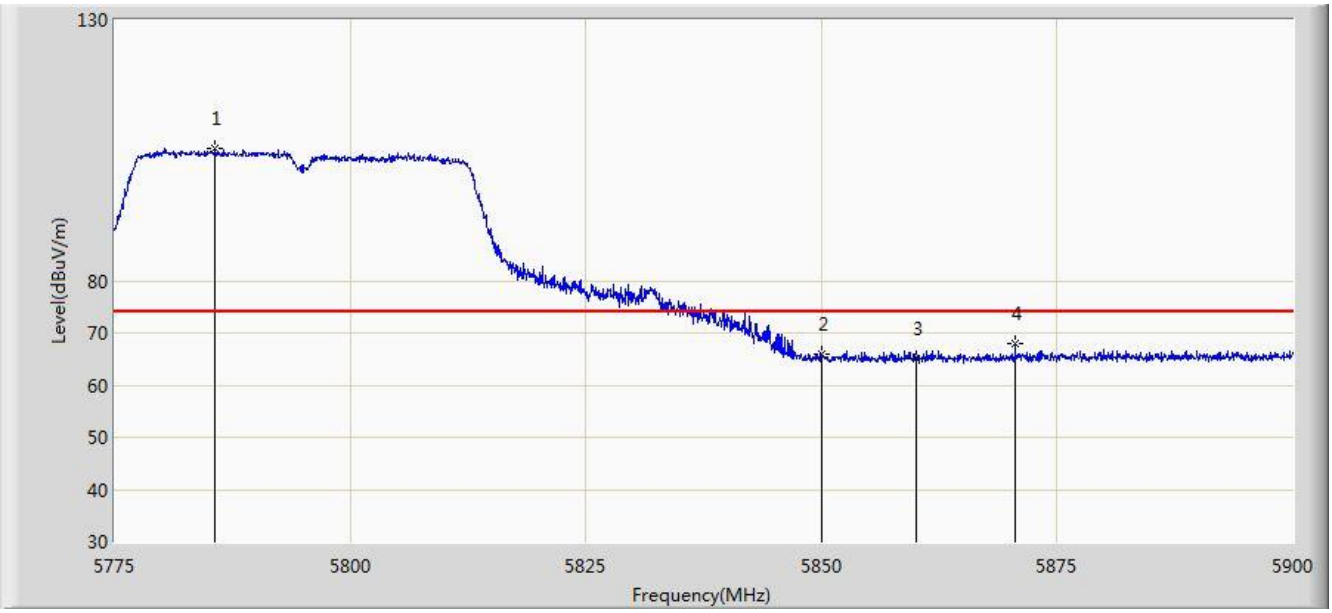


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5781.750	83.953	45.752	N/A	N/A	38.201	AV
2			5860.000	52.264	13.786	-1.736	54.000	38.478	AV

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

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

Site: AC1	Time: 2015/05/06 - 02:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5795MHz by 802.11n-HT40 2TX	

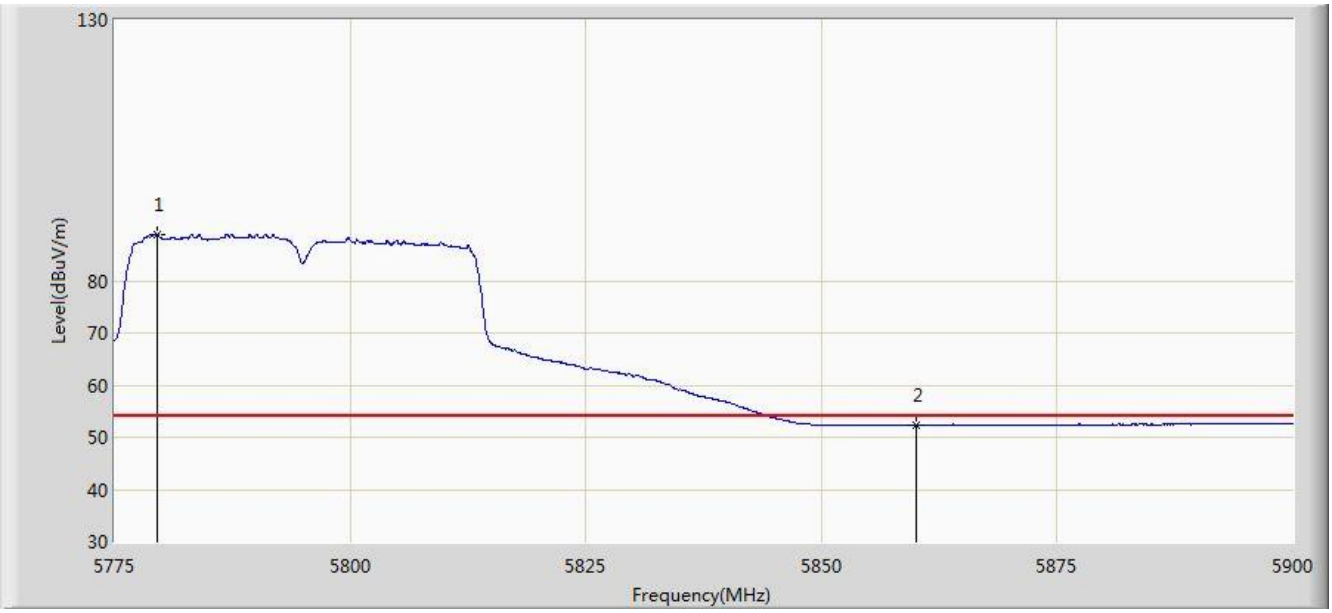


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5785.687	105.388	67.173	N/A	N/A	38.215	PK
2			5850.000	65.906	27.453	-12.294	78.200	38.454	PK
3			5860.000	65.134	26.656	-8.866	74.000	38.478	PK
4			5870.562	67.842	29.350	-6.158	74.000	38.493	PK

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

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

Site: AC1	Time: 2015/05/06 - 02:58
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5795MHz by 802.11n-HT40 2TX	

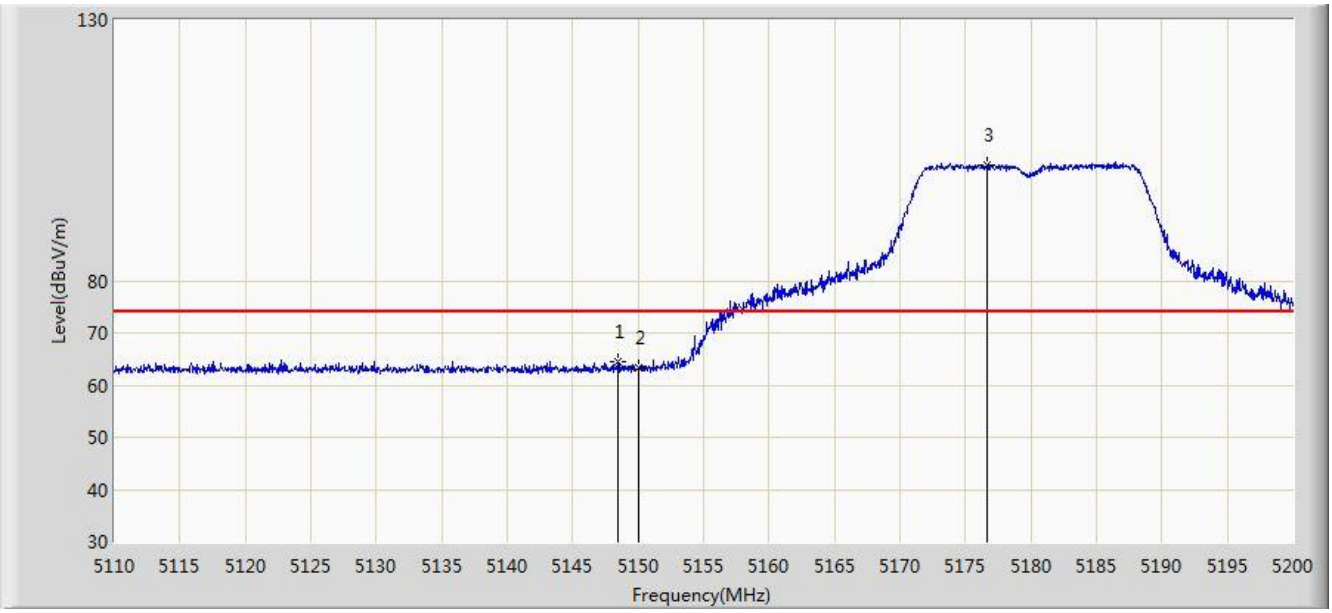


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5779.500	88.923	50.731	N/A	N/A	38.192	AV
2			5860.000	52.333	13.855	-1.667	54.000	38.478	AV

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

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

Site: AC1	Time: 2015/04/25 - 01:32
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5180MHz by 802.11ac-VHT20 2TX	

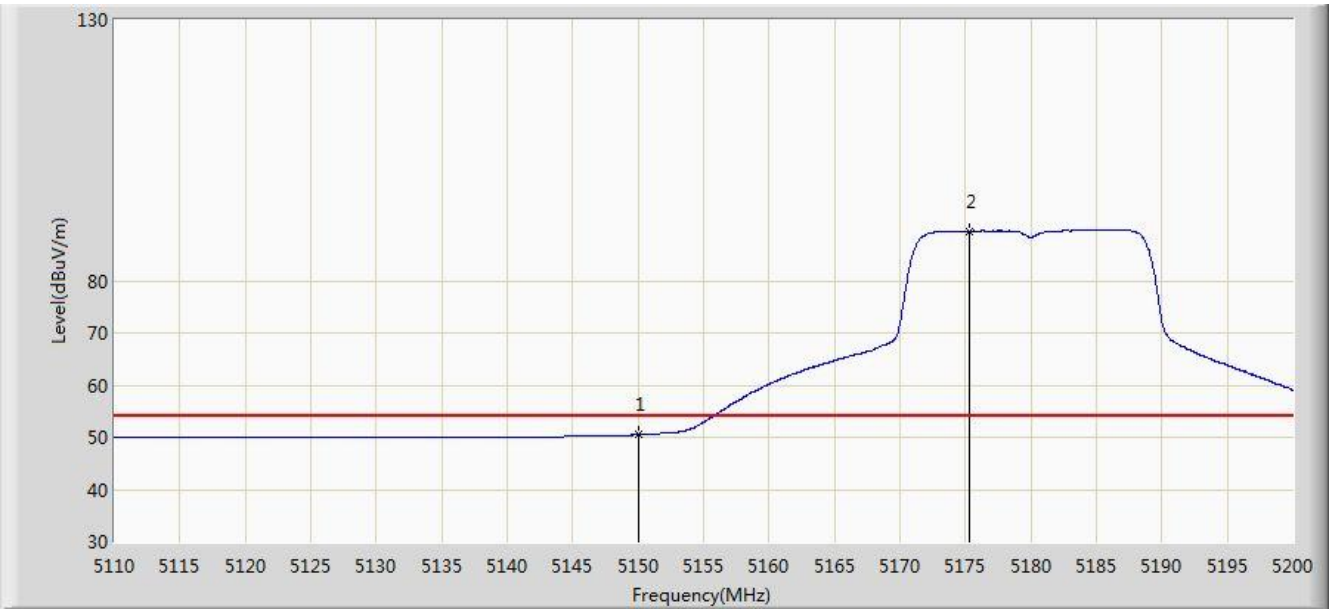


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.430	64.514	27.060	-9.486	74.000	37.454	PK
2			5150.000	63.265	25.813	-10.735	74.000	37.452	PK
3		*	5176.690	102.231	64.850	N/A	N/A	37.381	PK

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

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

Site: AC1	Time: 2015/04/25 - 01:35
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5180MHz by 802.11ac-VHT20 2TX	

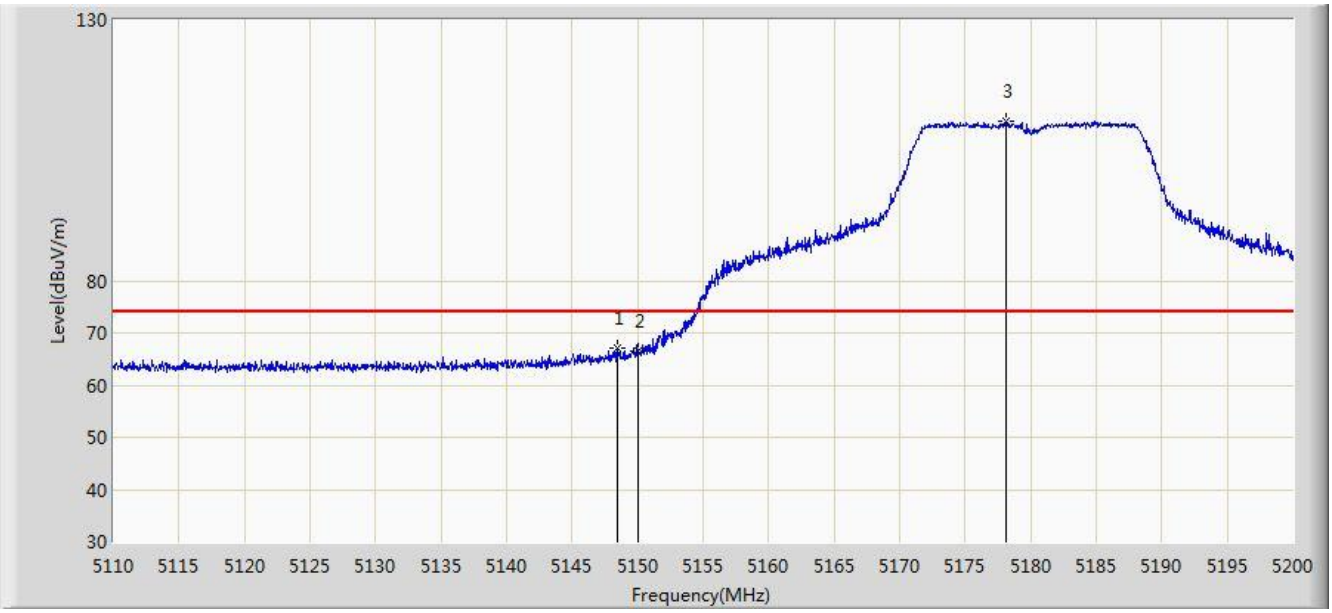


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.467	13.015	-3.533	54.000	37.452	AV
2		*	5175.340	89.525	52.141	N/A	N/A	37.384	AV

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

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

Site: AC1	Time: 2015/04/25 - 01:36
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5180MHz by 802.11ac-VHT20 2TX	

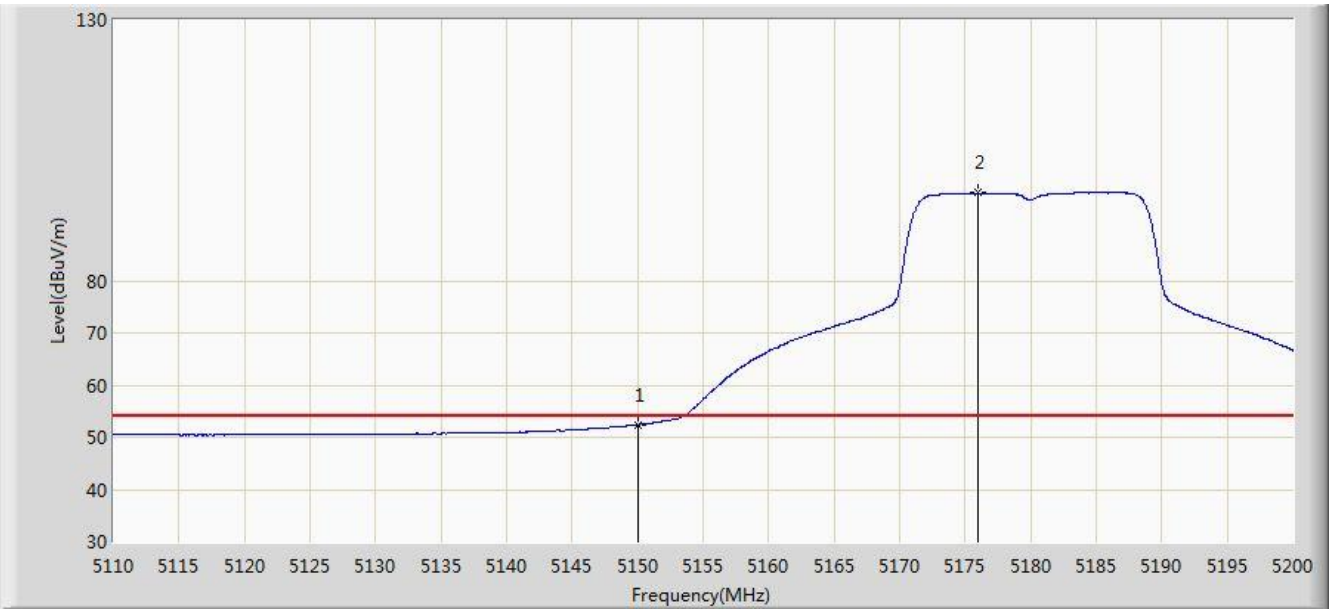


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.475	67.016	29.562	-6.984	74.000	37.454	PK
2			5150.000	66.566	29.114	-7.434	74.000	37.452	PK
3		*	5178.085	110.642	73.264	N/A	N/A	37.378	PK

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

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

Site: AC1	Time: 2015/04/25 - 01:38
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5180MHz by 802.11ac-VHT20 2TX	

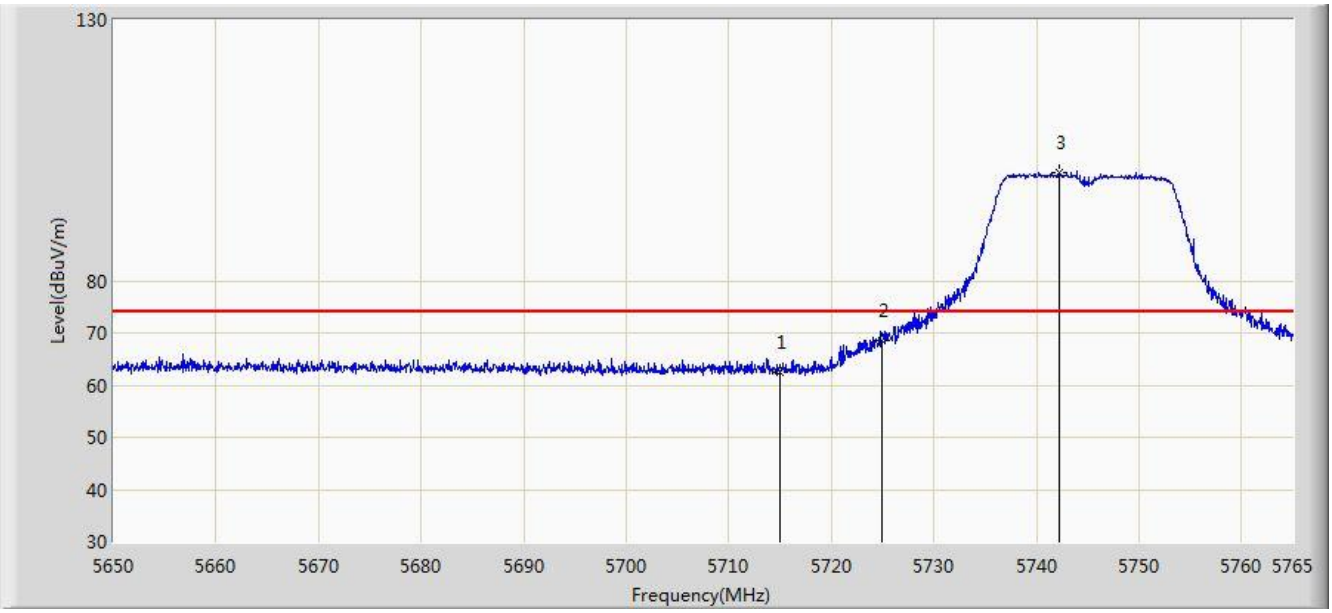


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	52.438	14.986	-1.562	54.000	37.452	AV
2		*	5175.925	96.929	59.546	N/A	N/A	37.383	AV

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

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

Site: AC1	Time: 2015/05/06 - 02:45
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5745MHz by 802.11ac-VHT20 2TX	

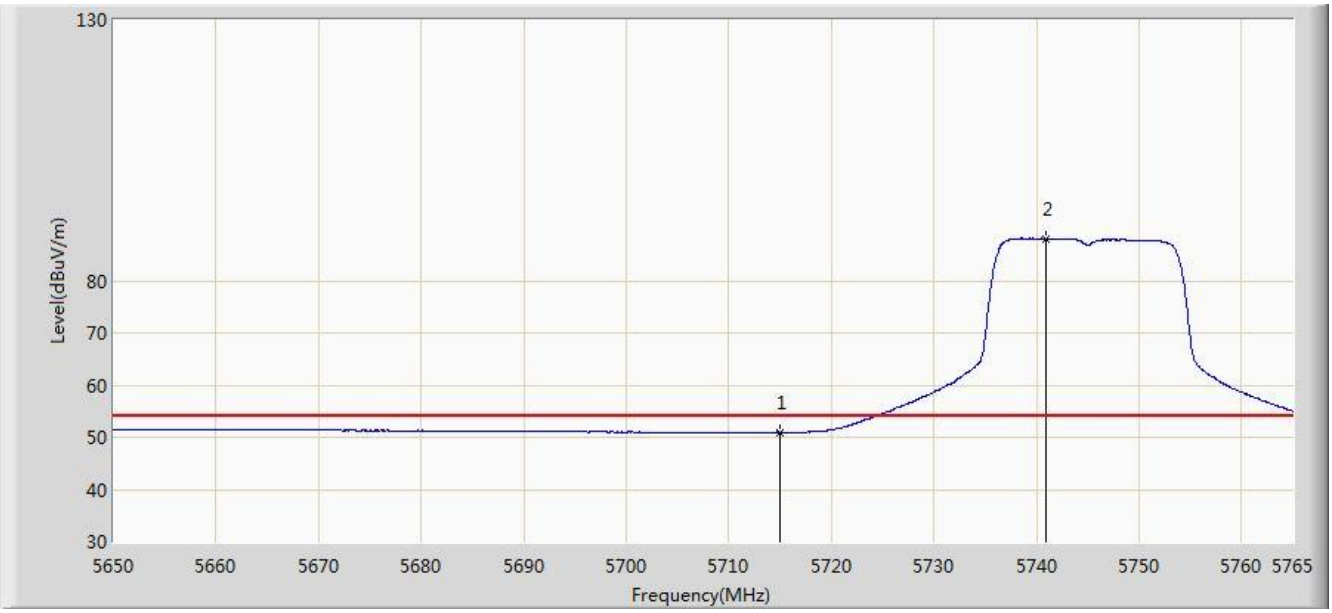


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	62.520	24.571	-11.480	74.000	37.949	PK
2			5725.000	68.637	30.647	-9.563	78.200	37.990	PK
3		*	5742.172	100.684	62.625	N/A	N/A	38.059	PK

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

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

Site: AC1	Time: 2015/05/06 - 02:45
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5745MHz by 802.11ac-VHT20 2TX	

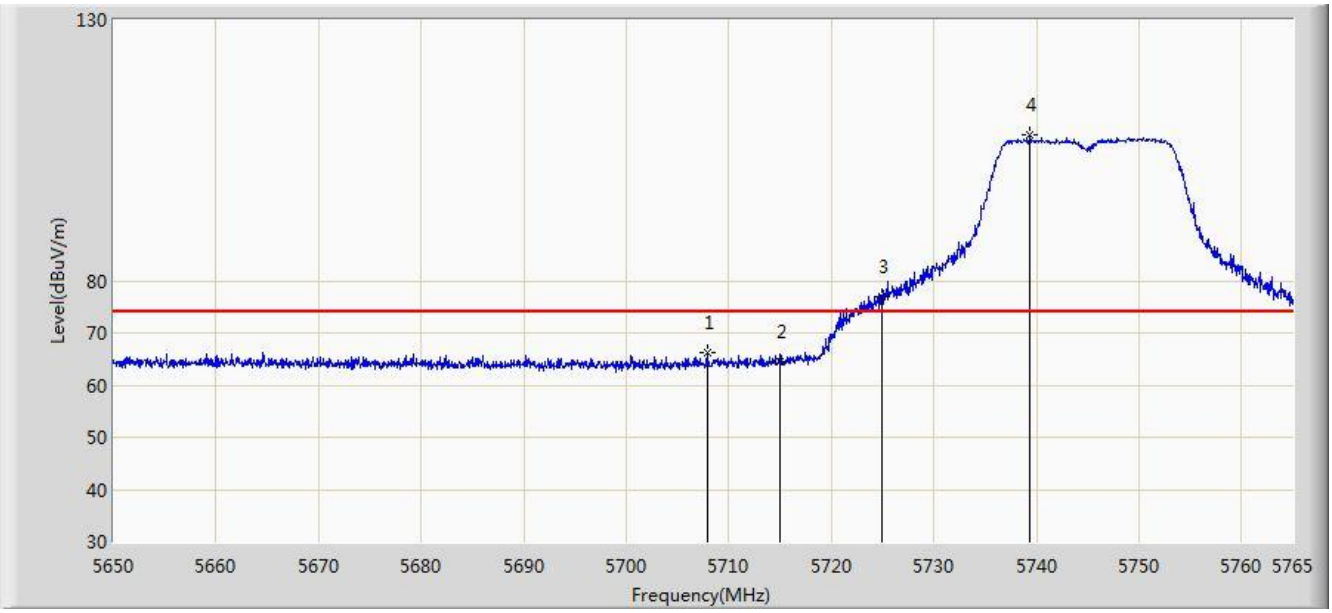


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	50.955	13.006	-3.045	54.000	37.949	AV
2		*	5740.965	88.053	49.998	N/A	N/A	38.054	AV

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

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

Site: AC1	Time: 2015/05/06 - 02:43
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5745MHz by 802.11ac-VHT20 2TX	

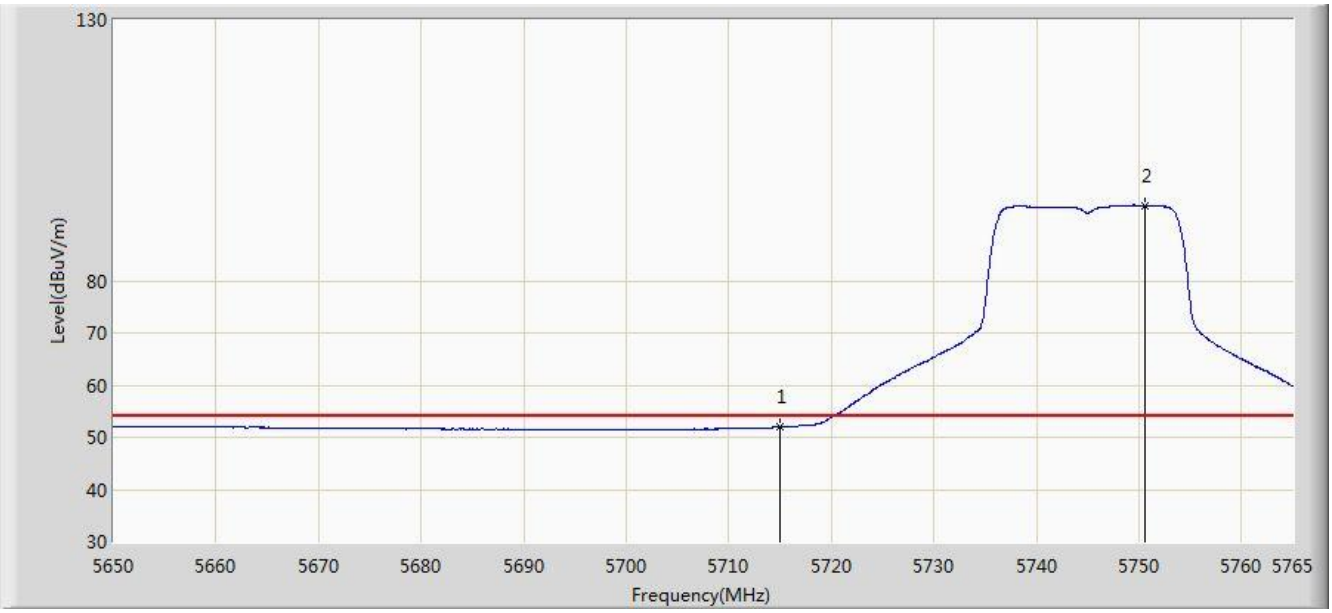


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5707.902	66.254	28.334	-7.746	74.000	37.920	PK
2			5715.000	64.559	26.610	-9.441	74.000	37.949	PK
3			5725.000	76.854	38.864	-1.346	78.200	37.990	PK
4		*	5739.413	107.846	69.797	N/A	N/A	38.049	PK

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

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

Site: AC1	Time: 2015/05/06 - 02:44
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5745MHz by 802.11ac-VHT20 2TX	

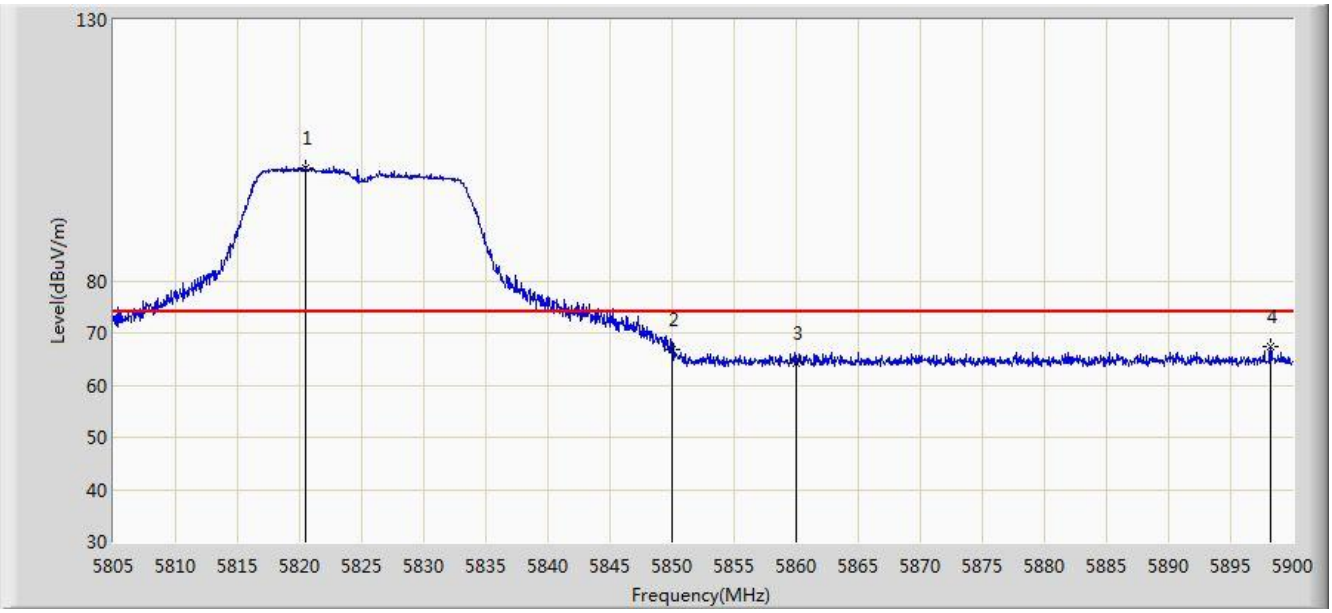


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	52.014	14.065	-1.986	54.000	37.949	AV
2		*	5750.567	94.444	56.345	N/A	N/A	38.098	AV

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

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

Site: AC1	Time: 2015/05/06 - 02:48
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5825MHz by 802.11ac-VHT20 2TX	

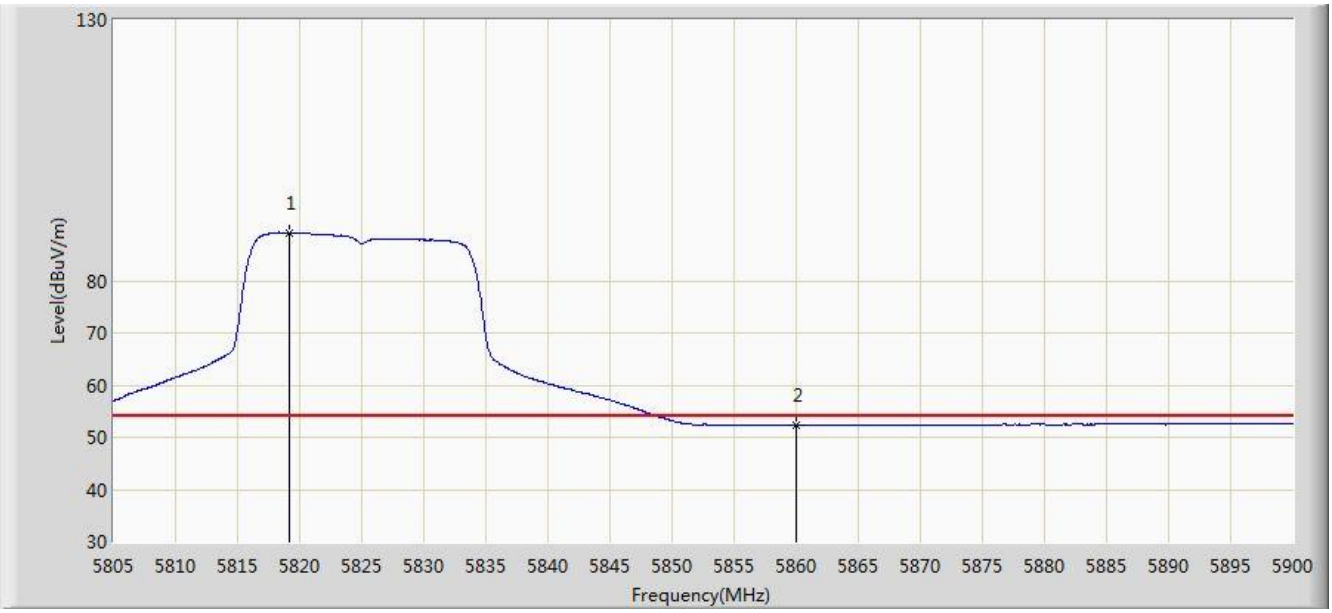


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5820.533	101.675	63.338	N/A	N/A	38.337	PK
2			5850.000	66.884	28.431	-11.316	78.200	38.454	PK
3			5860.000	64.301	25.823	-9.699	74.000	38.478	PK
4			5898.195	67.485	28.967	-6.515	74.000	38.517	PK

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

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

Site: AC1	Time: 2015/05/06 - 02:48
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5825MHz by 802.11ac-VHT20 2TX	

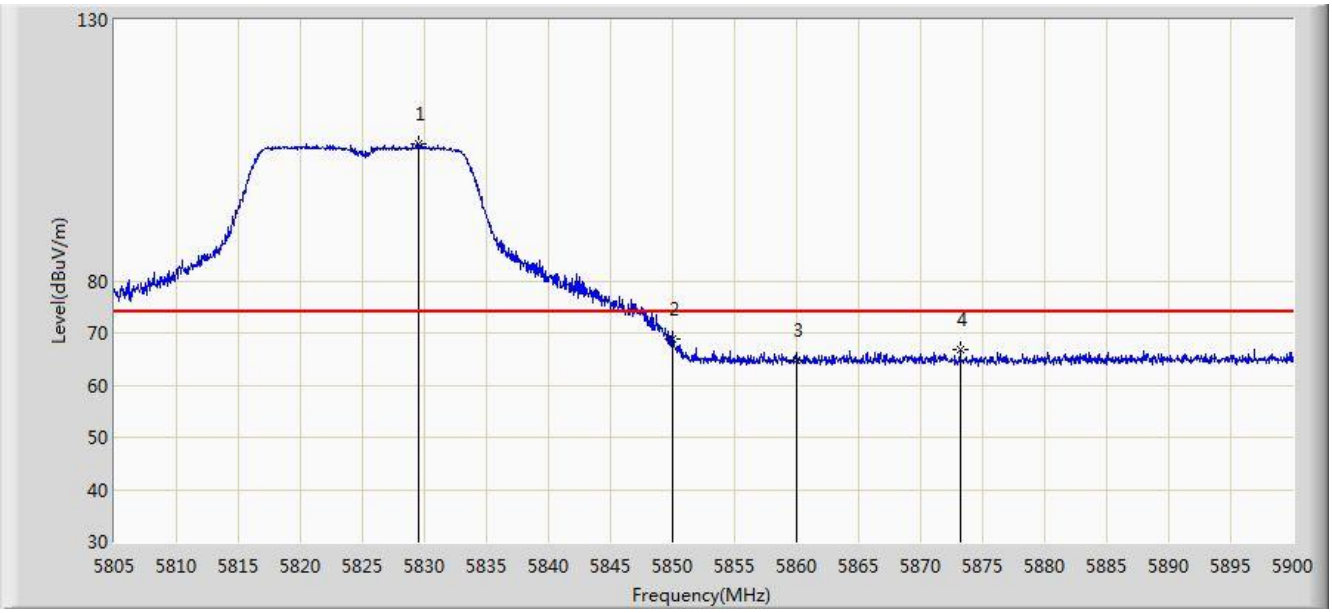


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5819.155	89.253	50.922	N/A	N/A	38.331	AV
2			5860.000	52.377	13.899	-1.623	54.000	38.478	AV

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

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

Site: AC1	Time: 2015/05/06 - 02:46
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5825MHz by 802.11ac-VHT20 2TX	

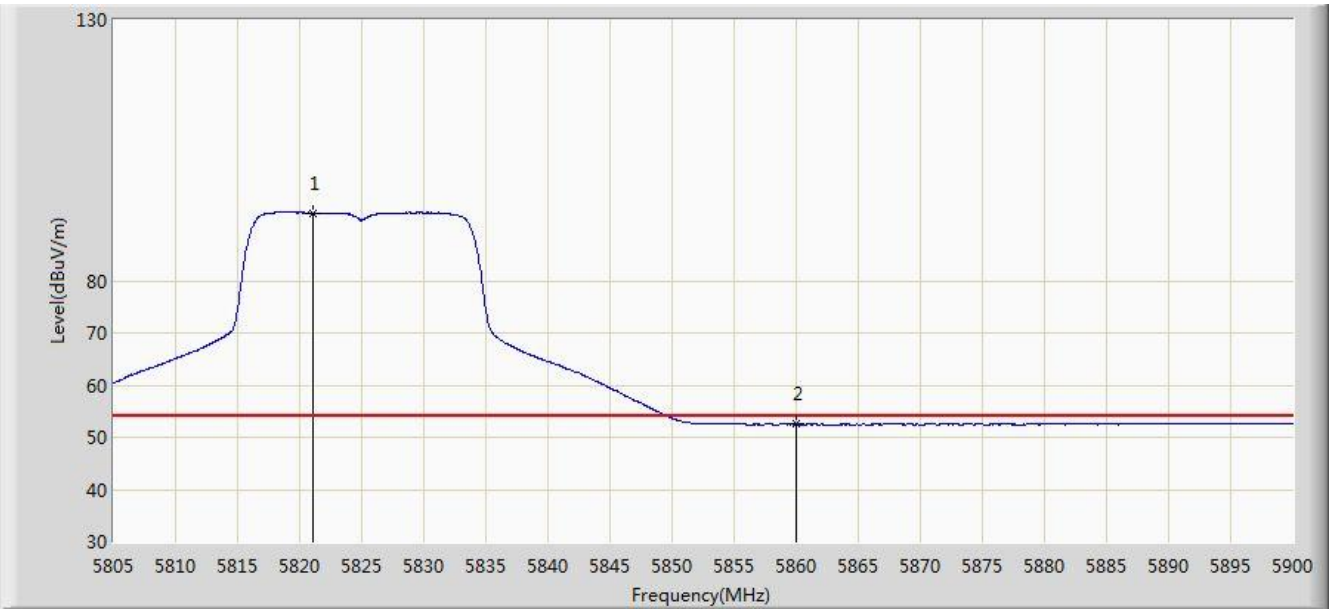


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5829.558	106.312	67.937	N/A	N/A	38.374	PK
2			5850.000	68.837	30.384	-9.363	78.200	38.454	PK
3			5860.000	64.751	26.273	-9.249	74.000	38.478	PK
4			5873.210	66.818	28.323	-7.182	74.000	38.495	PK

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

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

Site: AC1	Time: 2015/05/06 - 02:47
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5825MHz by 802.11ac-VHT20 2TX	

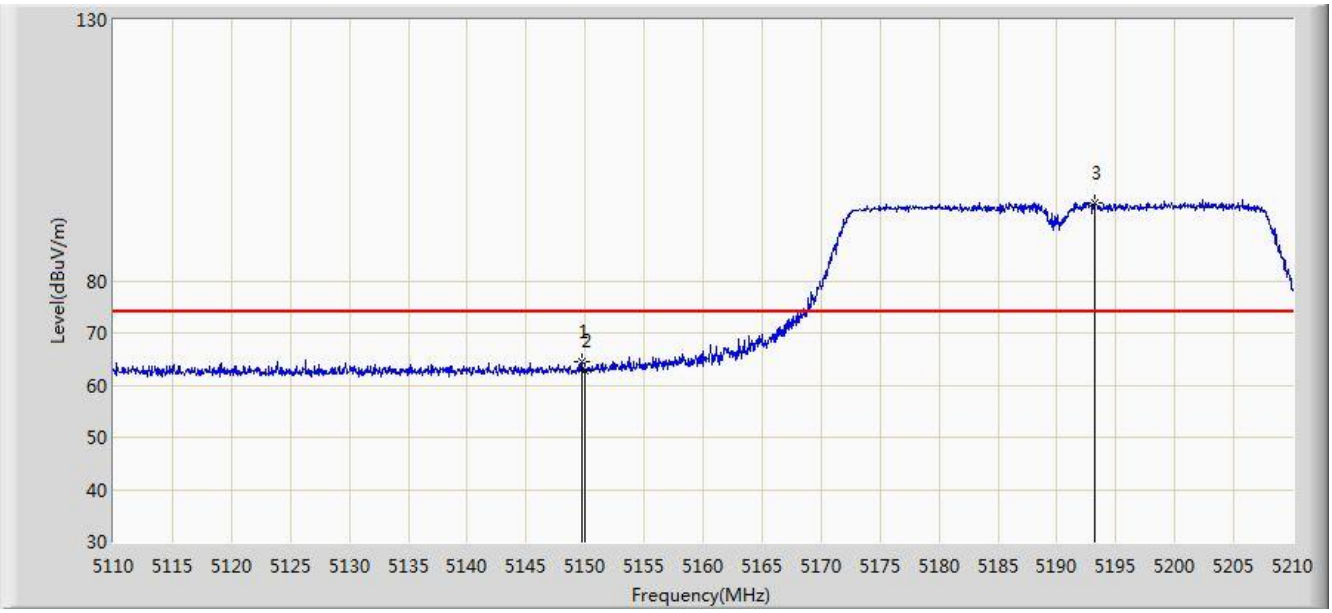


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5821.055	93.034	54.695	N/A	N/A	38.340	AV
2			5860.000	52.509	14.031	-1.491	54.000	38.478	AV

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

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

Site: AC1	Time: 2015/04/25 - 02:46
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5190MHz by 802.11ac-VHT40 2TX	

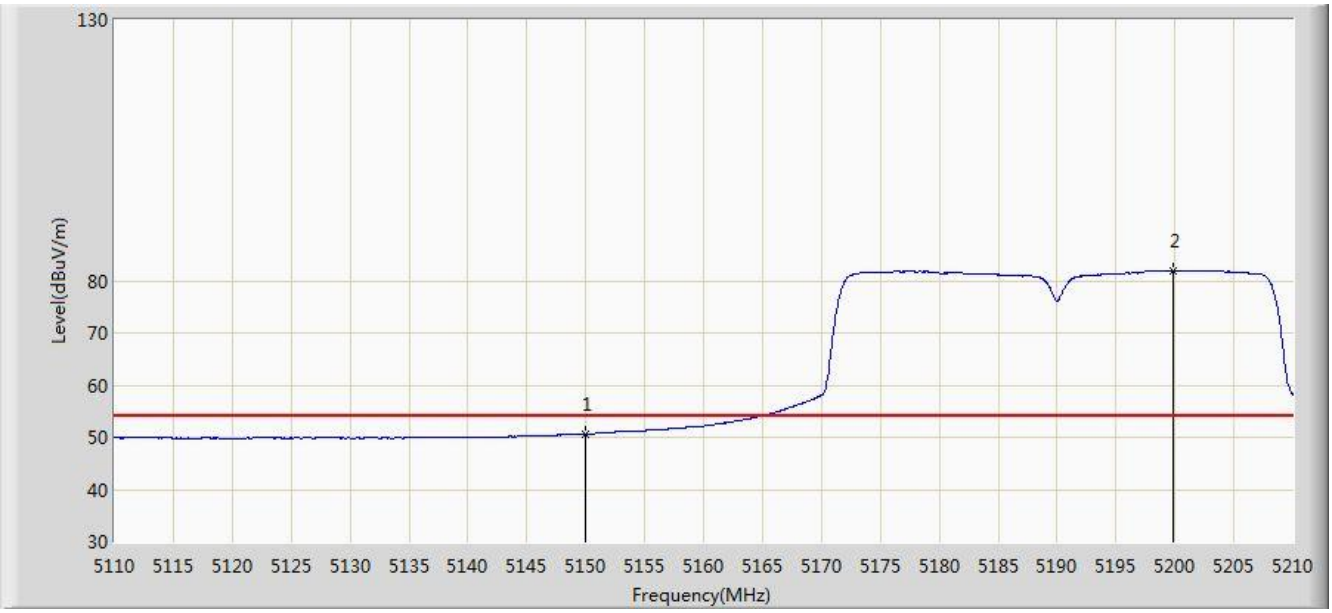


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.700	64.487	27.035	-9.513	74.000	37.452	PK
2			5150.000	62.814	25.362	-11.186	74.000	37.452	PK
3		*	5193.200	94.928	57.587	N/A	N/A	37.341	PK

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

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

Site: AC1	Time: 2015/04/25 - 02:47
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5190MHz by 802.11ac-VHT40 2TX	

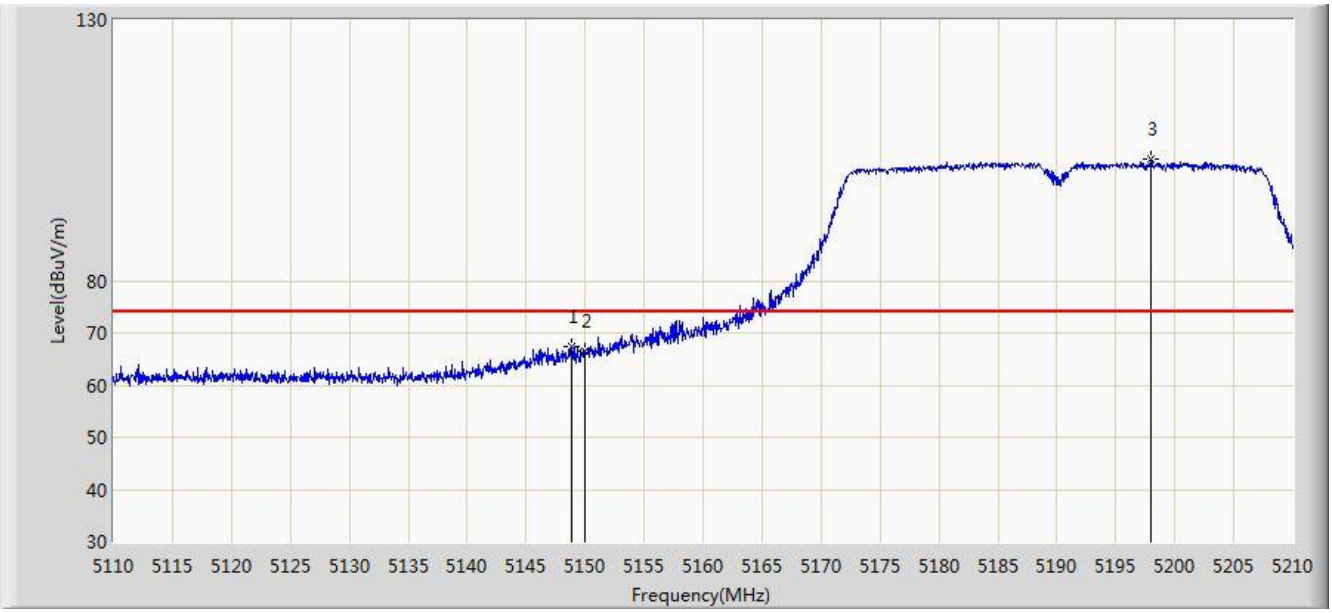


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.655	13.203	-3.345	54.000	37.452	AV
2		*	5199.850	81.797	44.472	N/A	N/A	37.325	AV

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

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

Site: AC1	Time: 2015/04/25 - 02:46
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5190MHz by 802.11ac-VHT40 2TX	

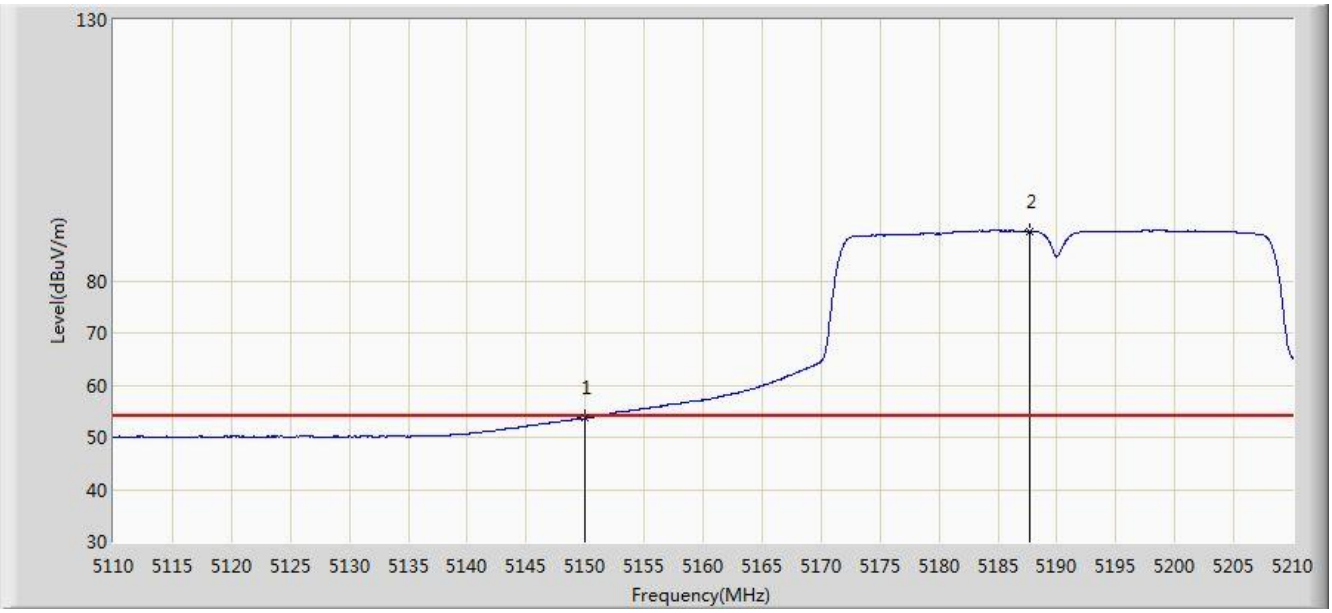


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.800	67.500	30.046	-6.500	74.000	37.454	PK
2			5150.000	66.535	29.083	-7.465	74.000	37.452	PK
3		*	5197.950	103.287	65.957	N/A	N/A	37.330	PK

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

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

Site: AC1	Time: 2015/04/25 - 02:45
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5190MHz by 802.11ac-VHT40 2TX	

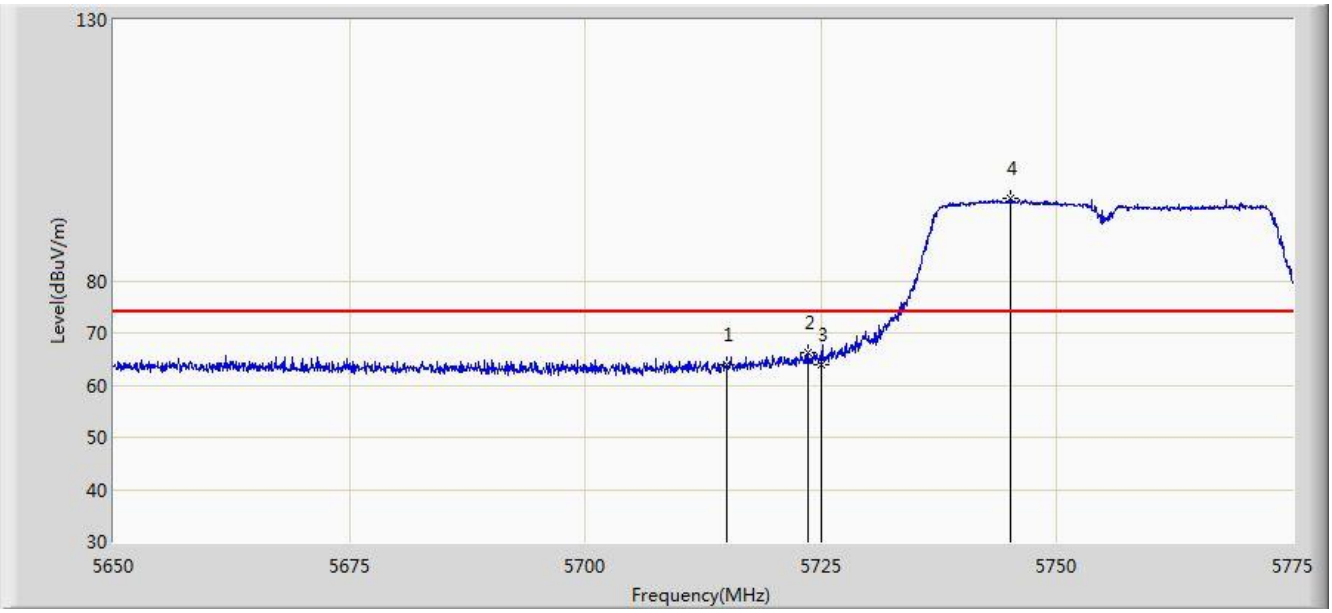


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	53.632	16.180	-0.368	54.000	37.452	AV
2		*	5187.700	89.529	52.174	N/A	N/A	37.355	AV

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

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

Site: AC1	Time: 2015/05/06 - 03:05
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5755MHz by 802.11ac-VHT40 2TX	

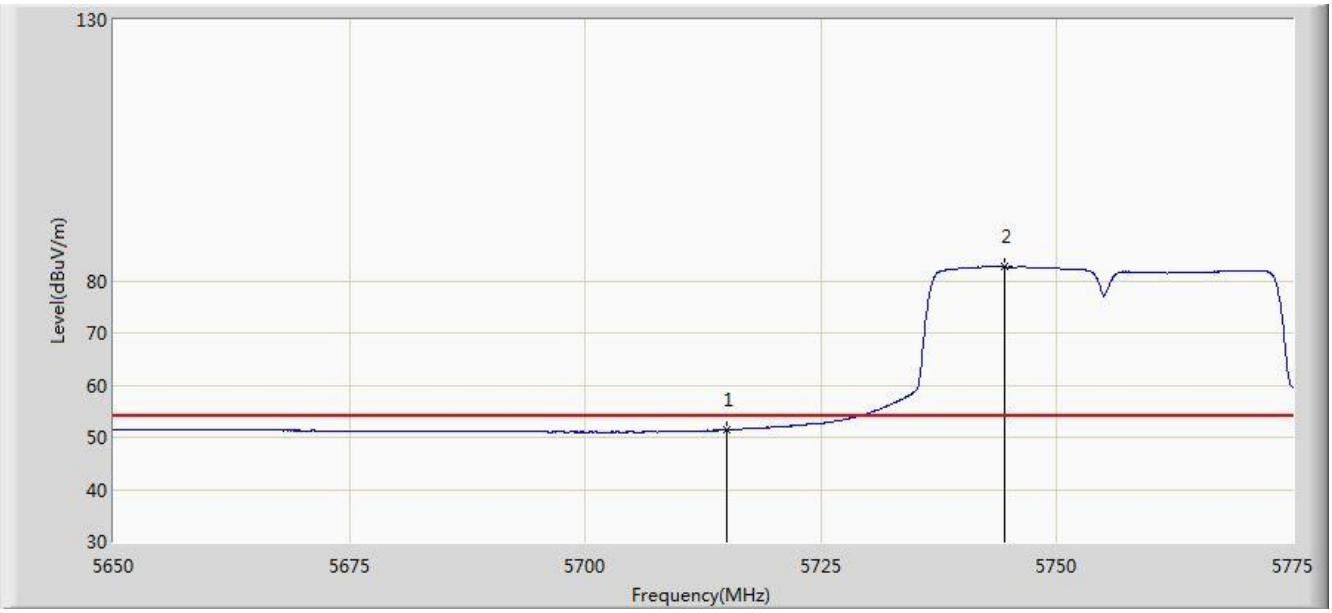


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	63.997	26.048	-10.003	74.000	37.949	PK
2			5723.562	66.209	28.225	-11.991	78.200	37.983	PK
3			5725.000	63.987	25.997	-14.213	78.200	37.990	PK
4		*	5745.062	95.848	57.776	N/A	N/A	38.072	PK

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

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

Site: AC1	Time: 2015/05/06 - 03:06
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5755MHz by 802.11ac-VHT40 2TX	

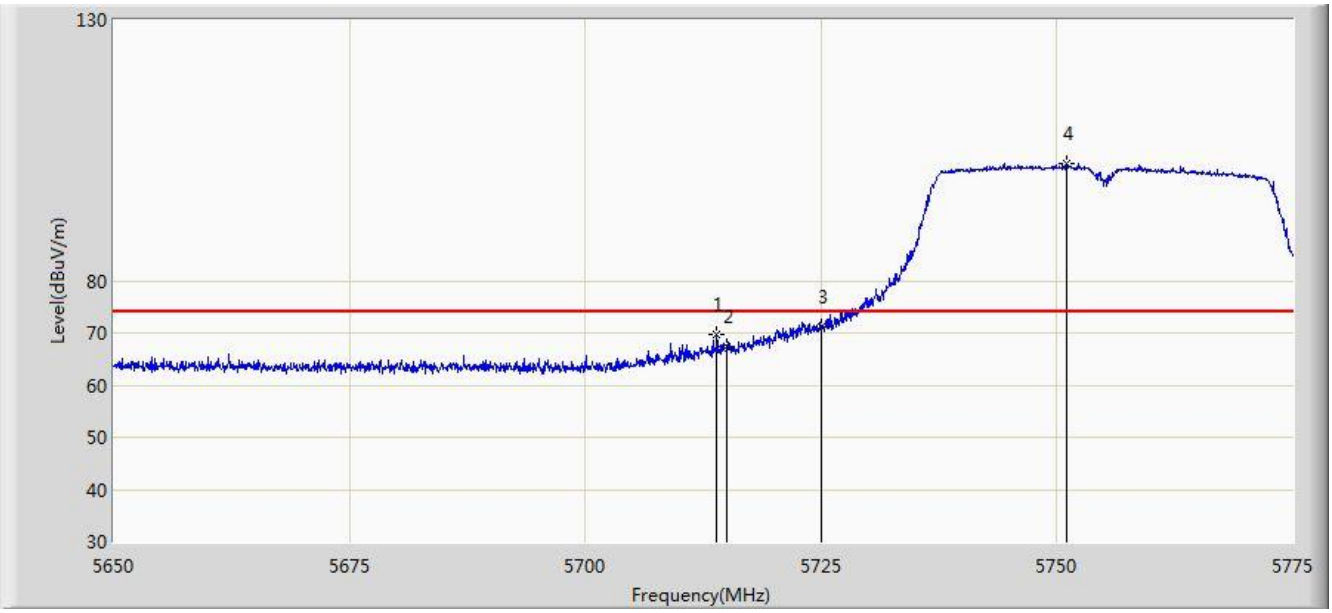


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	51.450	13.501	-2.550	54.000	37.949	AV
2		*	5744.437	82.651	44.582	N/A	N/A	38.069	AV

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

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

Site: AC1	Time: 2015/05/06 - 03:05
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5755MHz by 802.11ac-VHT40 2TX	

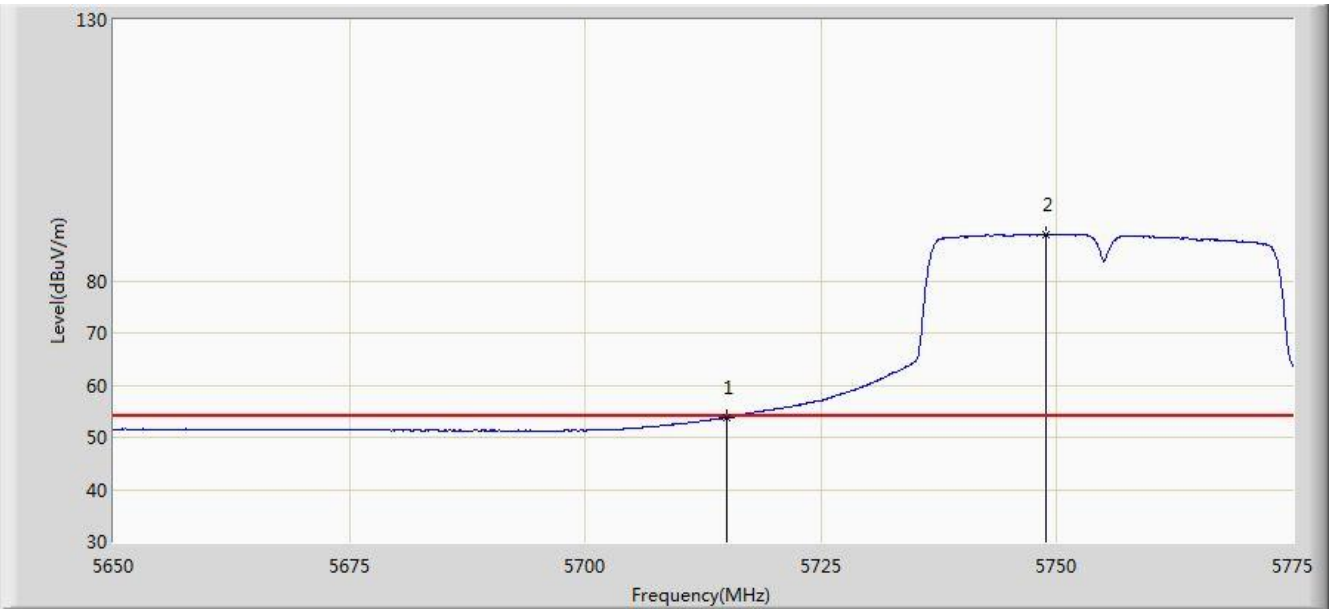


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5713.937	69.573	31.628	-4.427	74.000	37.945	PK
2			5715.000	67.275	29.326	-6.725	74.000	37.949	PK
3			5725.000	71.200	33.210	-7.000	78.200	37.990	PK
4		*	5751.062	102.532	64.431	N/A	N/A	38.101	PK

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

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

Site: AC1	Time: 2015/05/06 - 03:04
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5755MHz by 802.11ac-VHT40 2TX	

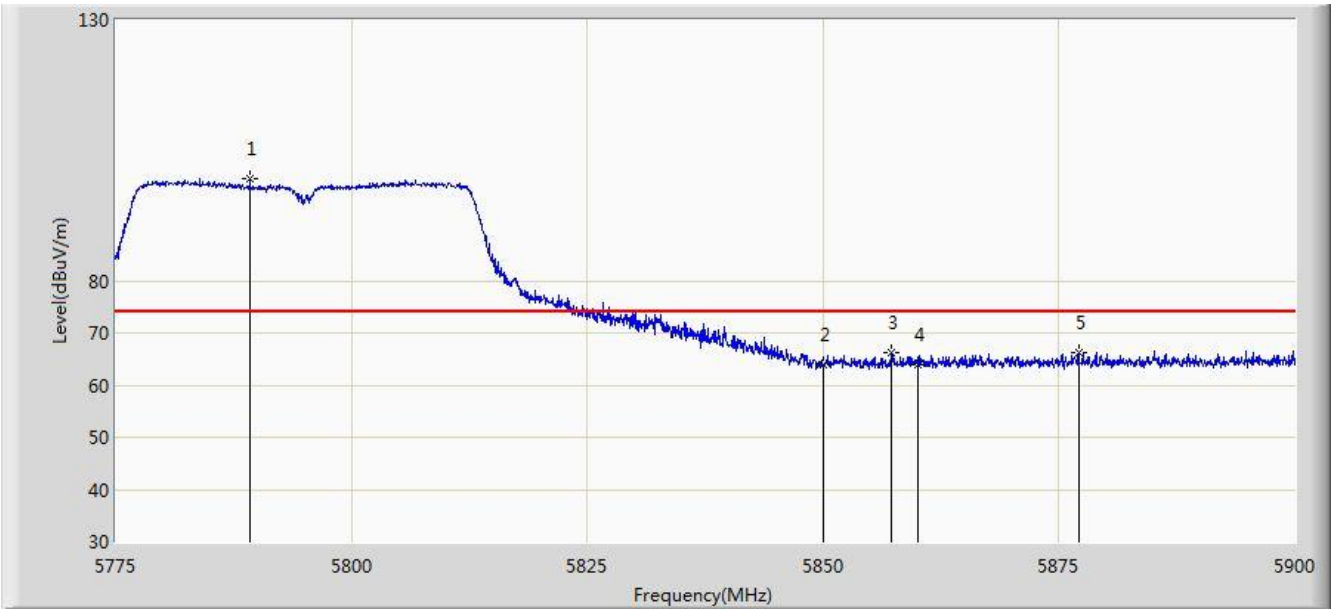


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	53.766	15.817	-0.234	54.000	37.949	AV
2		*	5748.875	88.921	50.831	N/A	N/A	38.090	AV

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

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

Site: AC1	Time: 2015/05/06 - 03:09
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5795MHz by 802.11ac-VHT40 2TX	

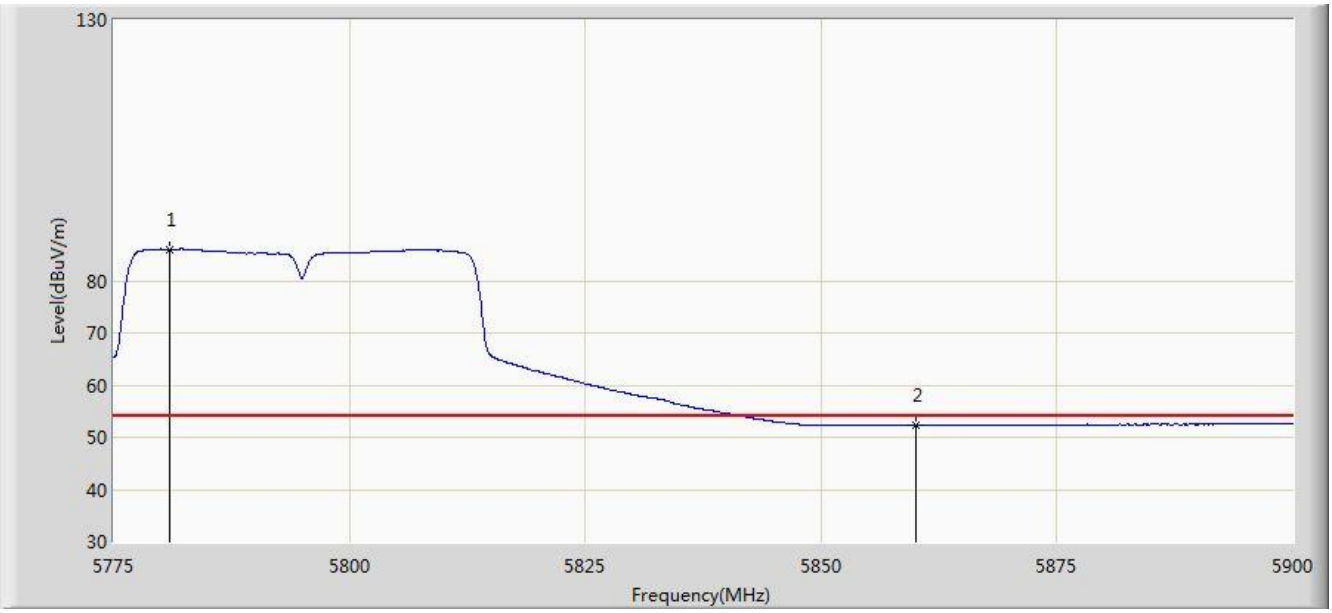


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5789.250	99.507	61.279	N/A	N/A	38.228	PK
2			5850.000	63.955	25.502	-14.245	78.200	38.454	PK
3			5857.187	66.283	27.812	-11.917	78.200	38.471	PK
4			5860.000	63.796	25.318	-10.204	74.000	38.478	PK
5			5877.062	66.325	27.826	-7.675	74.000	38.499	PK

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

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

Site: AC1	Time: 2015/05/06 - 03:09
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5795MHz by 802.11ac-VHT40 2TX	

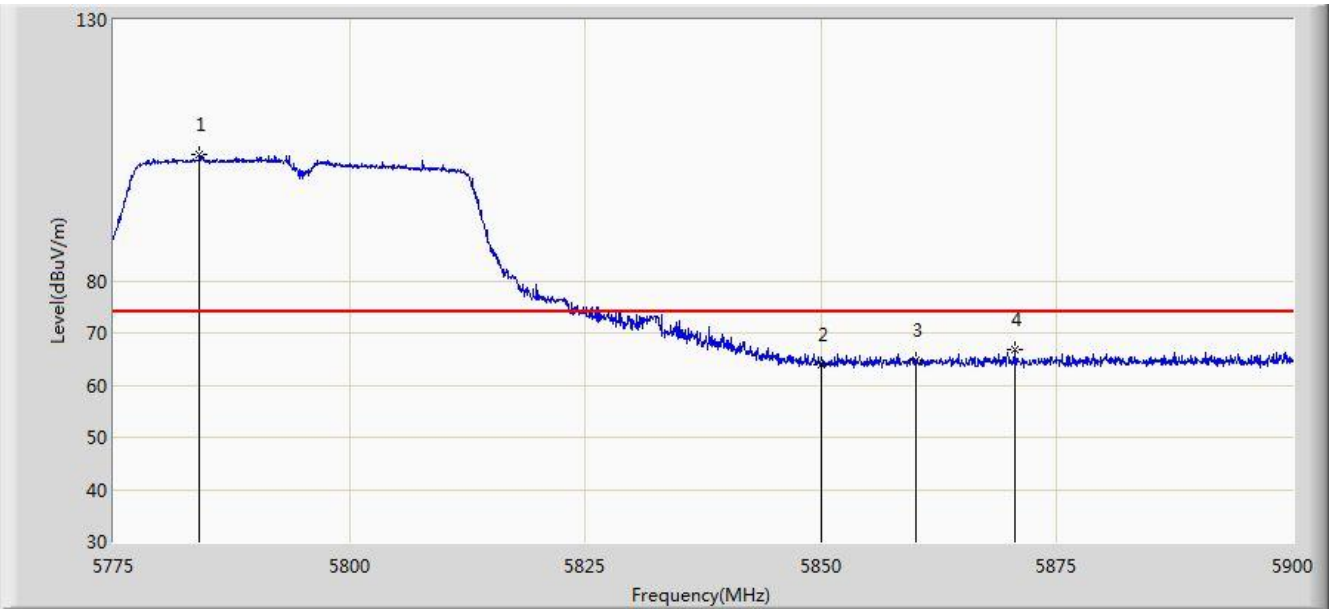


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5780.937	86.062	47.864	N/A	N/A	38.197	AV
2			5860.000	52.320	13.842	-1.680	54.000	38.478	AV

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

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

Site: AC1	Time: 2015/05/06 - 03:07
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5795MHz by 802.11ac-VHT40 2TX	

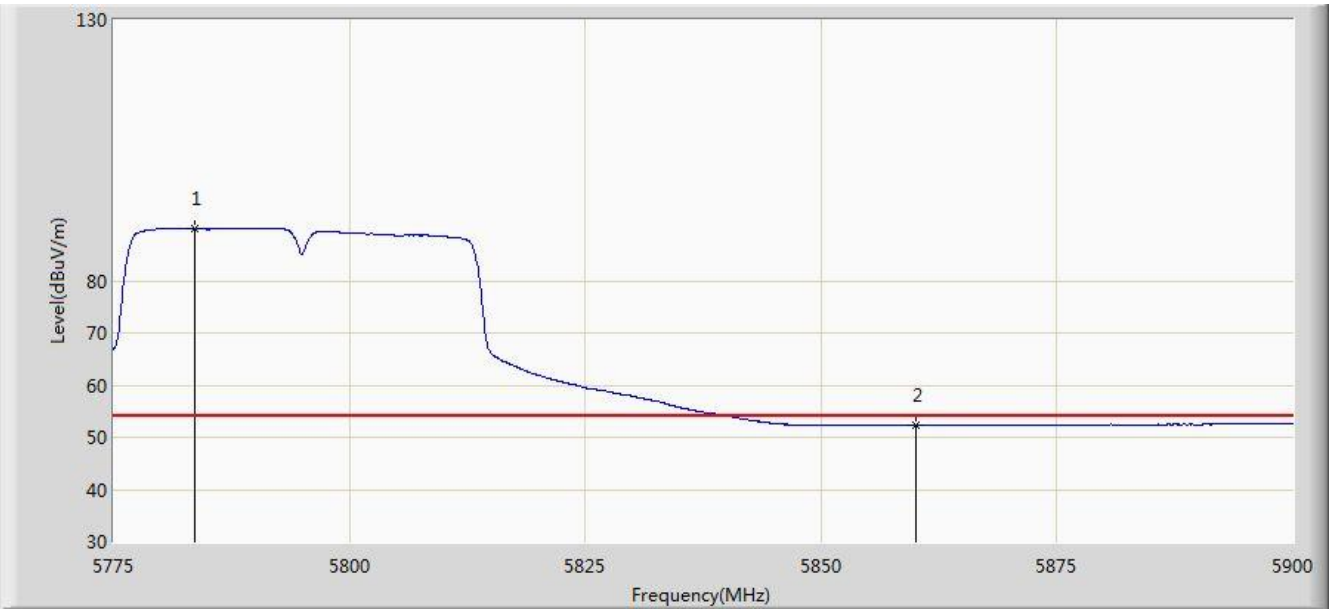


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5784.125	104.220	66.011	N/A	N/A	38.209	PK
2			5850.000	63.909	25.456	-14.291	78.200	38.454	PK
3			5860.000	64.742	26.264	-9.258	74.000	38.478	PK
4			5870.625	66.905	28.413	-7.095	74.000	38.493	PK

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

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

Site: AC1	Time: 2015/05/06 - 03:08
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5795MHz by 802.11ac-VHT40 2TX	

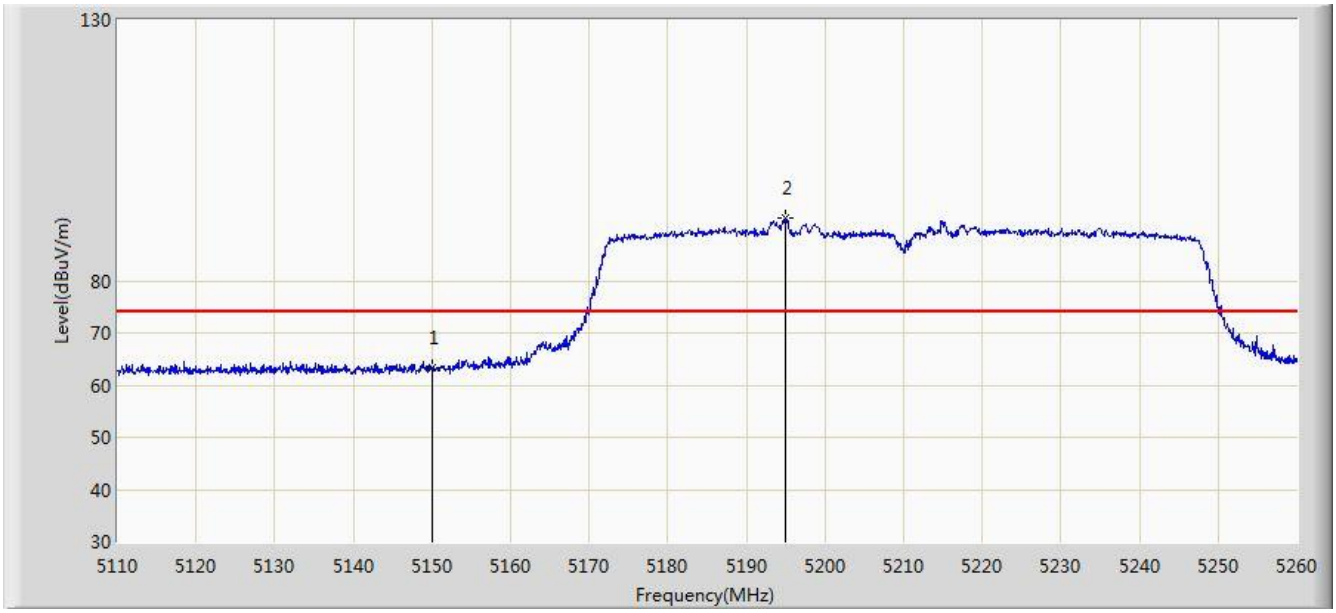


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5783.687	90.103	51.895	N/A	N/A	38.208	AV
2			5860.000	52.300	13.822	-1.700	54.000	38.478	AV

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

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

Site: AC1	Time: 2015/06/16 - 15:42
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5210MHz by 802.11ac-VHT80 2TX	

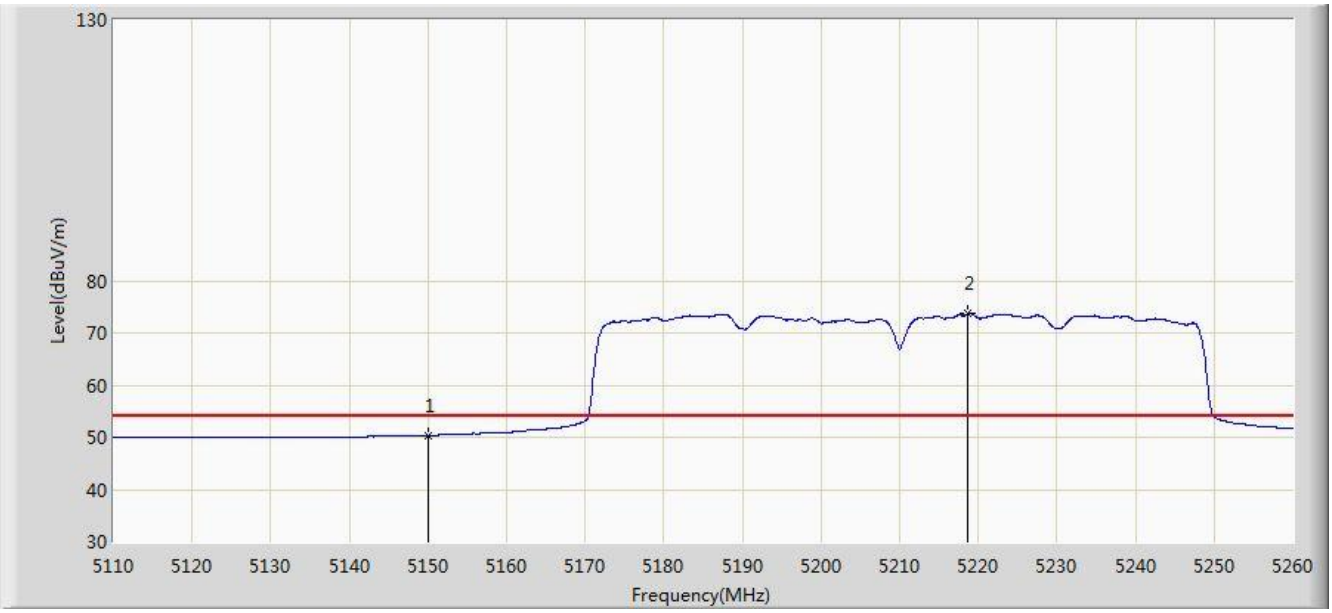


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	63.330	25.878	-10.670	74.000	37.452	PK
2		*	5194.975	92.036	54.699	N/A	N/A	37.337	PK

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

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

Site: AC1	Time: 2015/06/16 - 15:43
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5210MHz by 802.11ac-VHT80 2TX	

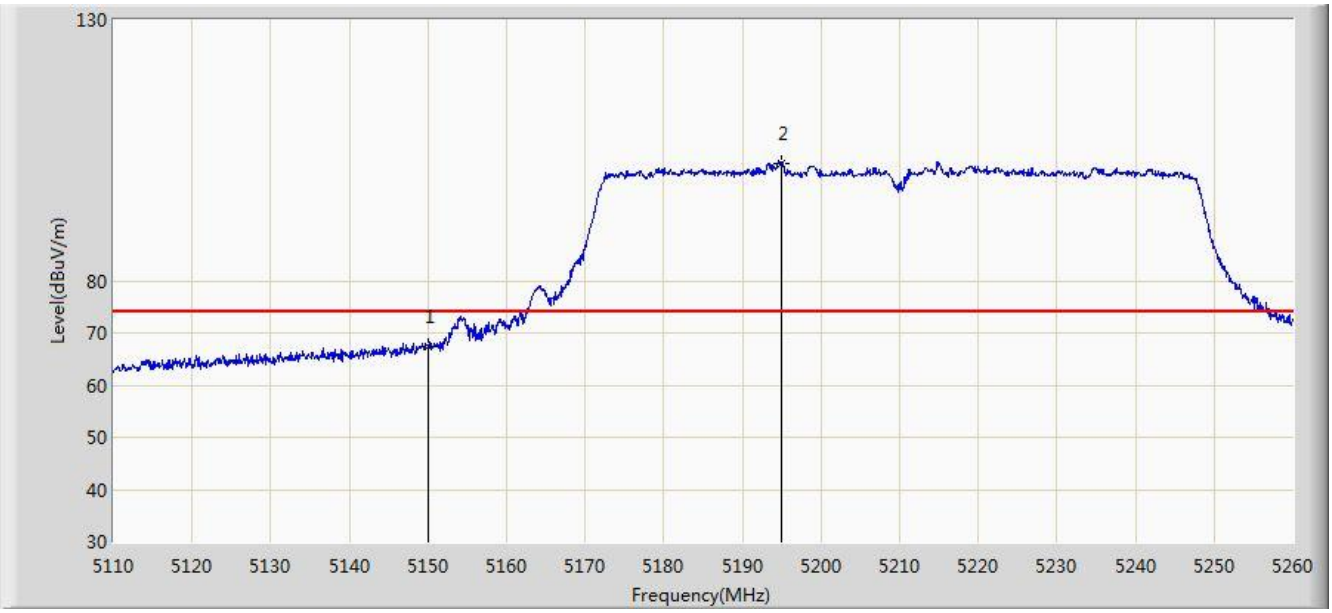


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.369	12.917	-3.631	54.000	37.452	AV
2		*	5218.600	73.639	36.374	N/A	N/A	37.265	AV

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

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

Site: AC1	Time: 2015/06/16 - 15:45
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5210MHz by 802.11ac-VHT80 2TX	

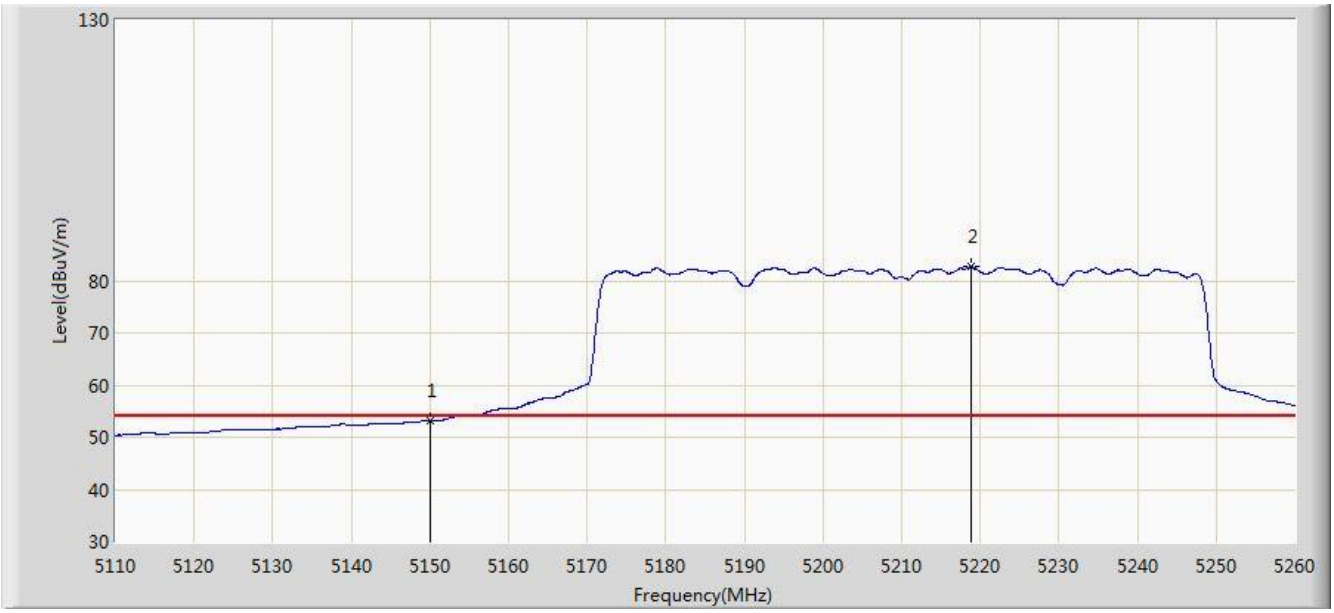


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	67.304	29.852	-6.696	74.000	37.452	PK
2		*	5195.050	102.546	65.209	N/A	N/A	37.337	PK

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

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

Site: AC1	Time: 2015/06/16 - 15:45
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5210MHz by 802.11ac-VHT80 2TX	

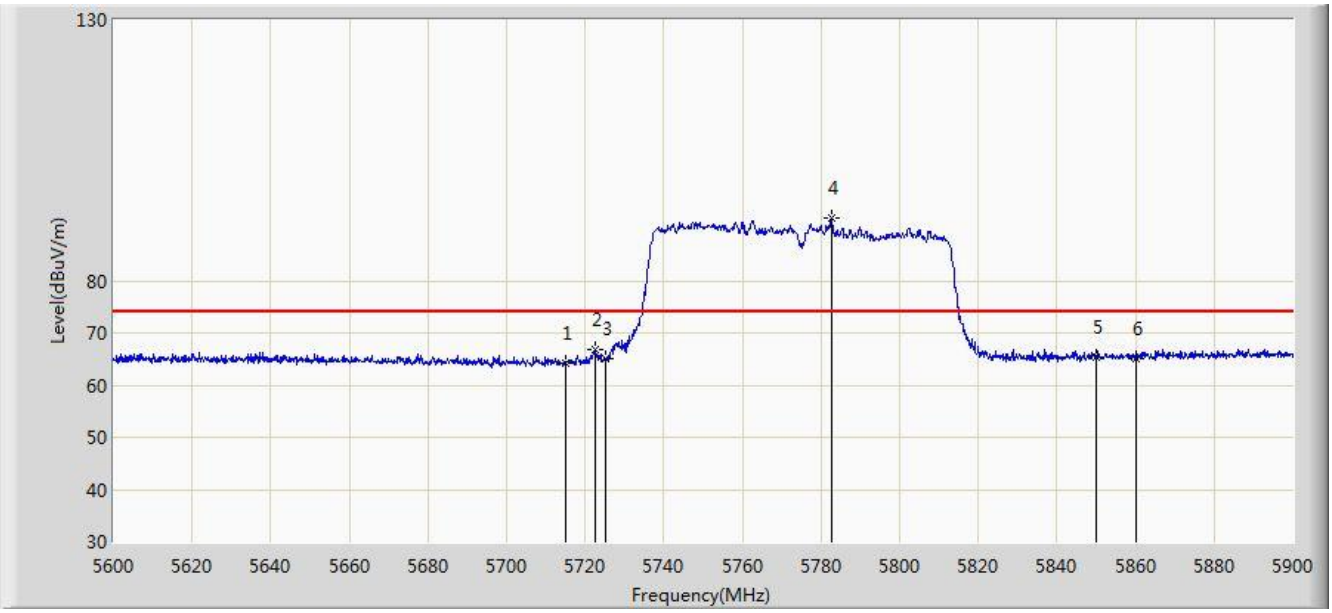


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	53.173	15.721	-0.827	54.000	37.452	AV
2		*	5218.900	82.653	45.388	N/A	N/A	37.264	AV

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

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

Site: AC1	Time: 2015/06/16 - 16:11
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5775MHz by 802.11ac-VHT80 2TX	

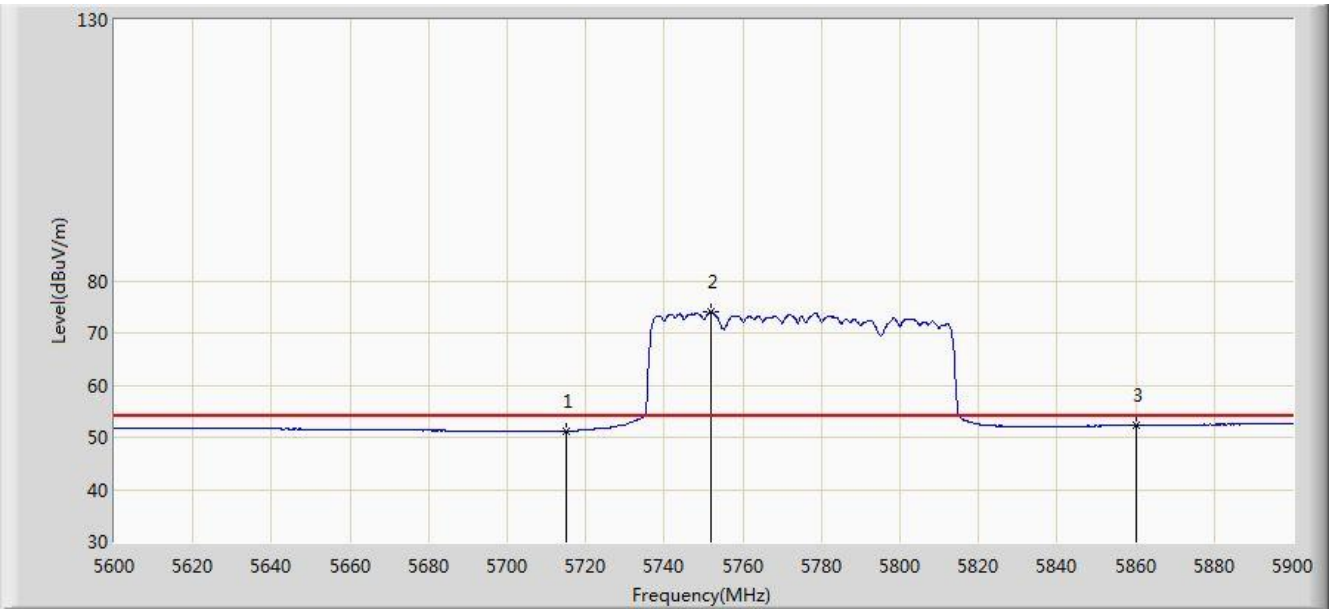


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	64.141	26.192	-9.859	74.000	37.949	PK
2			5722.400	66.830	28.851	-7.170	74.000	37.979	PK
3			5725.000	65.165	27.175	-13.035	78.200	37.990	PK
4		*	5782.700	91.940	53.736	N/A	N/A	38.204	PK
5			5850.000	65.440	26.987	-12.760	78.200	38.454	PK
6			5860.000	65.109	26.631	-8.891	74.000	38.478	PK

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

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

Site: AC1	Time: 2015/06/16 - 16:11
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5775MHz by 802.11ac-VHT80 2TX	

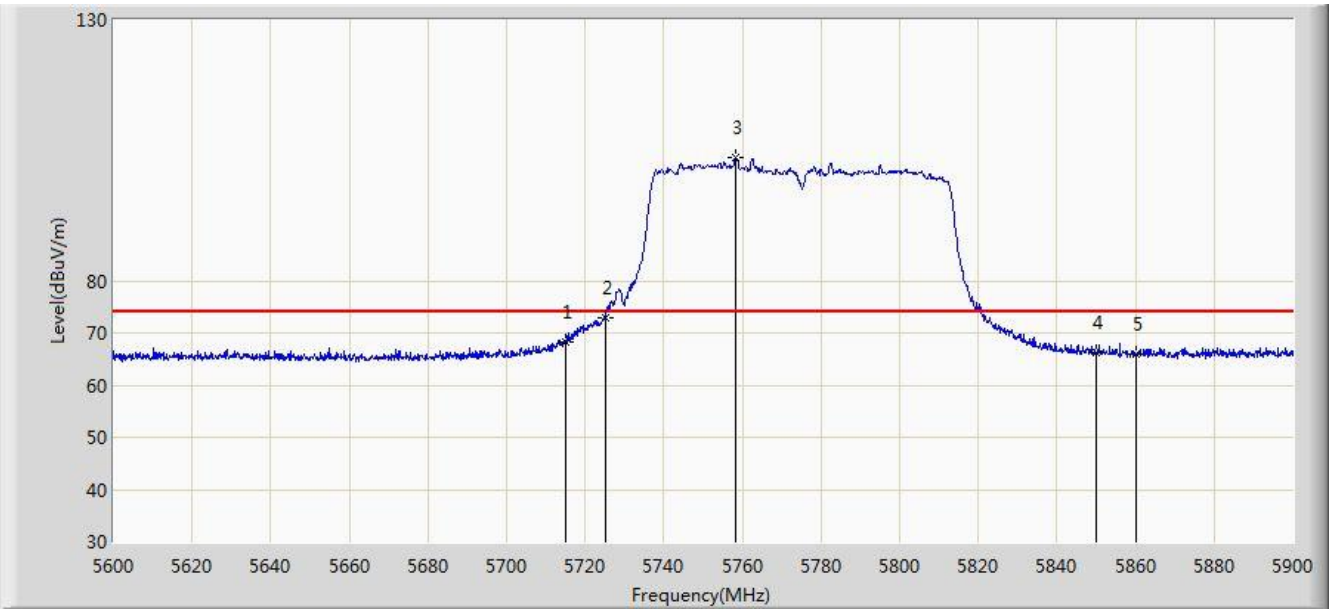


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	51.158	13.209	-2.842	54.000	37.949	AV
2		*	5751.950	74.110	36.005	N/A	N/A	38.105	AV
3			5860.000	52.266	13.788	-1.734	54.000	38.478	AV

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

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

Site: AC1	Time: 2015/06/16 - 16:18
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5775MHz by 802.11ac-VHT80 2TX	

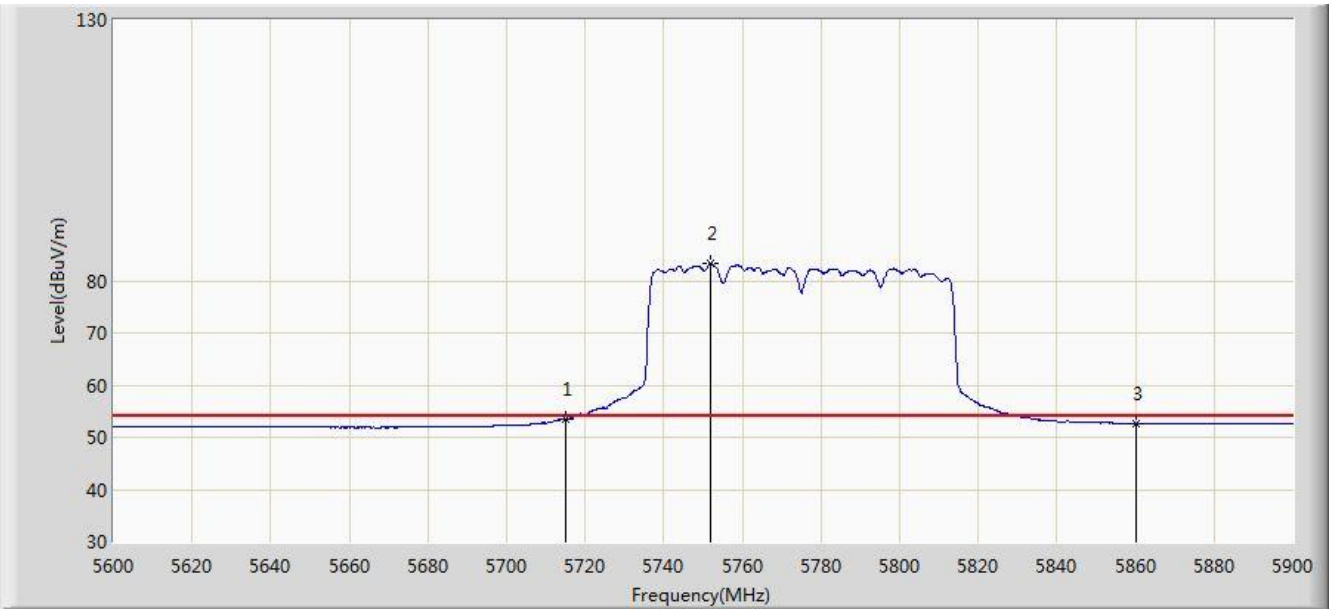


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	68.365	30.416	-5.635	74.000	37.949	PK
2			5725.000	72.888	34.898	-5.312	78.200	37.990	PK
3		*	5758.100	103.615	65.482	N/A	N/A	38.133	PK
4			5850.000	66.312	27.859	-11.888	78.200	38.454	PK
5			5860.000	65.986	27.508	-8.014	74.000	38.478	PK

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

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

Site: AC1	Time: 2015/06/16 - 16:19
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5775MHz by 802.11ac-VHT80 2TX	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	53.390	15.441	-0.610	54.000	37.949	AV
2		*	5751.800	83.294	45.190	N/A	N/A	38.105	AV
3			5860.000	52.655	14.177	-1.345	54.000	38.478	AV

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

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

7.9. AC Conducted Emissions Measurement

7.9.1. Test Limit

FCC Part 15.207 Limits		
Frequency (MHz)	QP (dBμV)	AV (dBμV)
0.15 - 0.50	66 - 56	56 – 46
0.50 - 5.0	56	46
5.0 - 30	60	50

Note 1: The lower limit shall apply at the transition frequencies.

Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

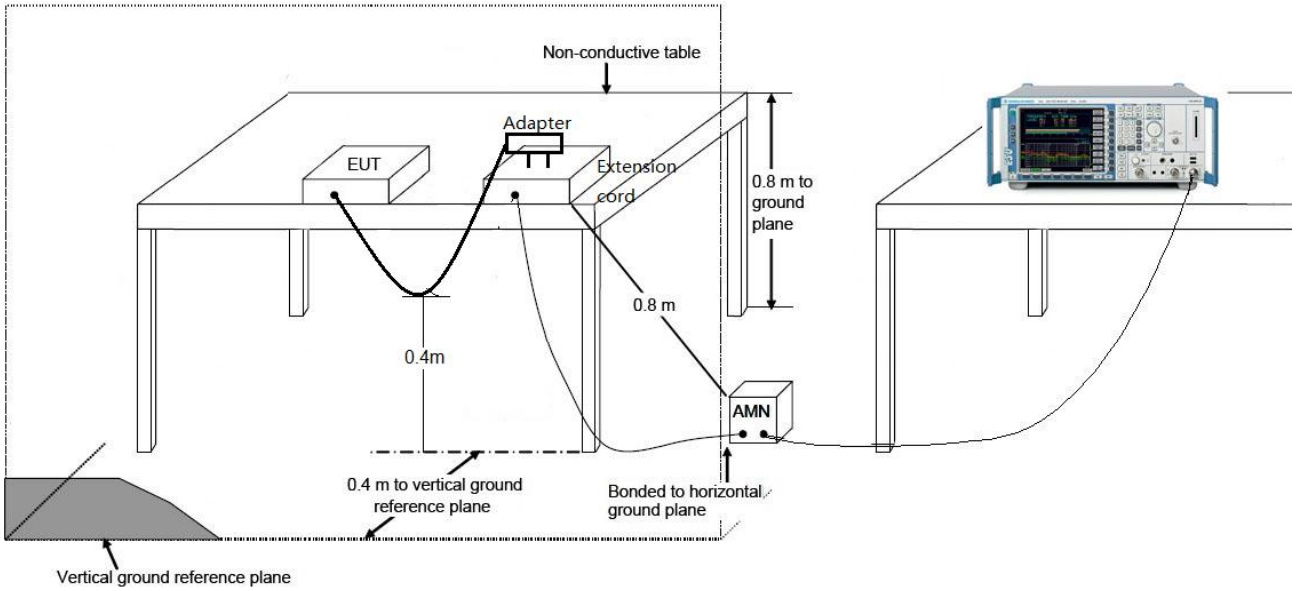
7.9.2. Test Procedure

The EUT was setup according to ANSI C63.4, 2009 and tested according to KDB 789033 for compliance to FCC 47CFR 15.247 requirements. The EUT was placed on a platform of nominal size, 1 m by 1.5 m, raised 80 cm above the conducting ground plane. The vertical conducting plane was located 40 cm to the rear of the EUT. All other surfaces of EUT were at least 80 cm from any other grounded conducting surface. The EUT and simulators are connected to the main power through a line impedance stabilization network (LISN). The LISN provides a 50 ohm /50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN. (Please refer to the block diagram of the test setup and photographs) Each current-carrying conductor of the EUT power cord, except the ground (safety) conductor, was individually connected through a LISN to the input power source.

The excess length of the power cord between the EUT and the LISN receptacle were folded back and forth at the center of the lead to form a bundle not exceeding 40 cm in length.

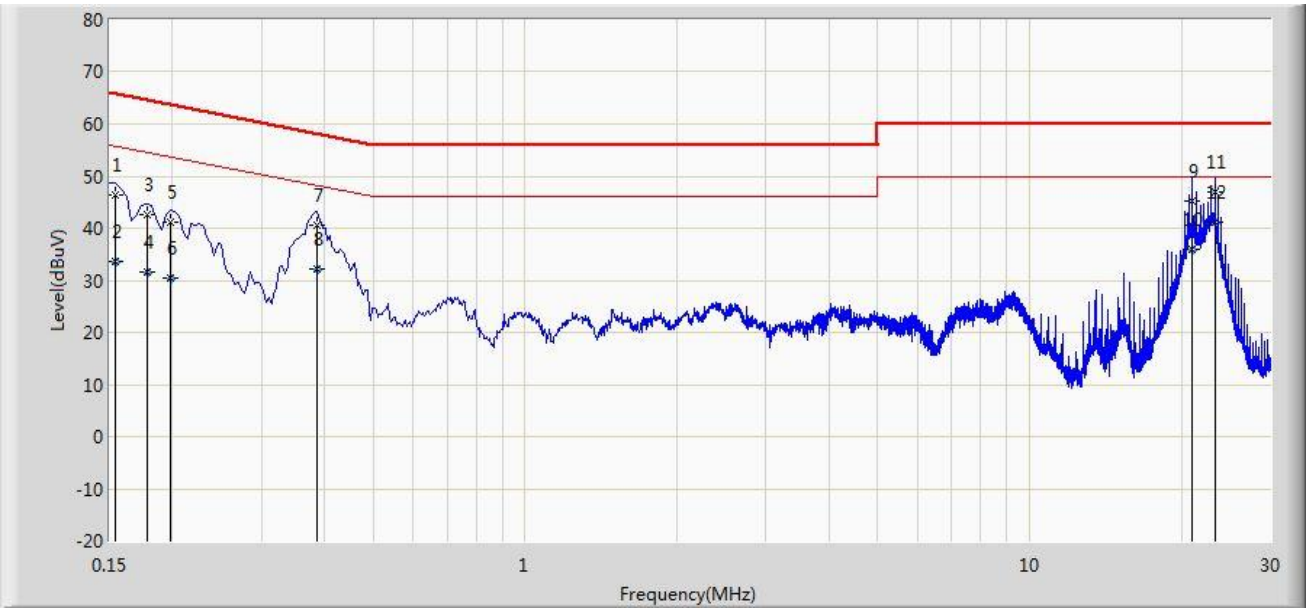
Conducted emissions were investigated over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9 kHz.

7.9.3. Test Setup



7.9.4. Test Result

Site: SR2	Time: 2017/08/02 - 16:51
Limit: FCC_Part15.207_CE_AC Power	Engineer: Milo Li
Probe: ENV216_101683_Filter On	Polarity: Line
EUT: WIRELESS ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Mode 1	

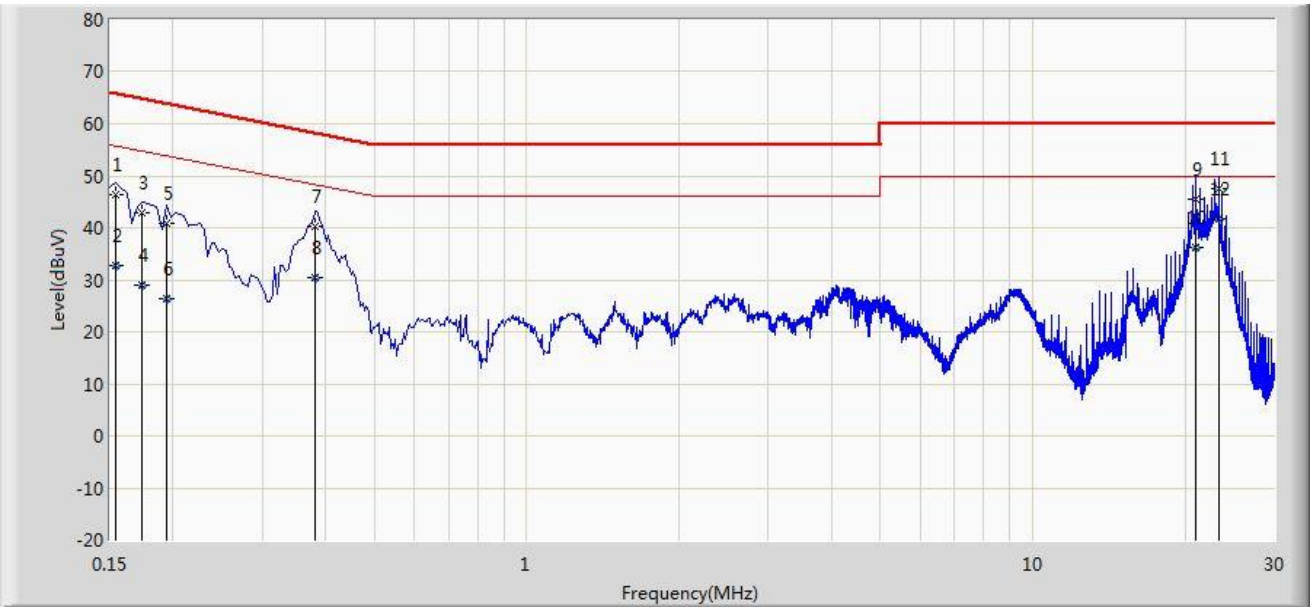


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1			0.154	46.376	35.637	-19.405	65.781	10.740	QP
2			0.154	33.533	22.793	-22.249	55.781	10.740	AV
3			0.178	42.560	32.502	-22.019	64.578	10.058	QP
4			0.178	31.652	21.594	-22.926	54.578	10.058	AV
5			0.198	41.210	31.206	-22.484	63.694	10.005	QP
6			0.198	30.394	20.390	-23.300	53.694	10.005	AV
7			0.386	40.580	30.506	-17.569	58.149	10.074	QP
8			0.386	32.075	22.001	-16.074	48.149	10.074	AV
9			21.018	45.091	34.946	-14.909	60.000	10.145	QP
10			21.018	35.907	25.762	-14.093	50.000	10.145	AV
11			23.266	46.921	36.730	-13.079	60.000	10.191	QP
12		*	23.266	41.017	30.826	-8.983	50.000	10.191	AV

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

Factor (dB) = Cable Loss (dB) + LISN Factor (dB).

Site: SR2	Time: 2017/08/02 - 16:51
Limit: FCC_Part15.207_CE_AC Power	Engineer: Milo Li
Probe: ENV216_101683_Filter On	Polarity: Neutral
EUT: WIRELESS ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Mode 1	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1			0.154	46.421	35.705	-19.360	65.781	10.716	QP
2			0.154	32.802	22.086	-22.979	55.781	10.716	AV
3			0.174	42.780	32.724	-21.987	64.767	10.057	QP
4			0.174	28.916	18.859	-25.851	54.767	10.057	AV
5			0.194	41.007	30.986	-22.856	63.864	10.021	QP
6			0.194	26.467	16.446	-27.396	53.864	10.021	AV
7			0.382	40.284	30.185	-17.952	58.236	10.099	QP
8			0.382	30.531	20.432	-17.705	48.236	10.099	AV
9			21.034	45.580	35.393	-14.420	60.000	10.187	QP
10			21.034	36.126	25.939	-13.874	50.000	10.187	AV
11			23.286	47.440	37.183	-12.560	60.000	10.258	QP
12		*	23.286	41.605	31.347	-8.395	50.000	10.258	AV

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

Factor (dB) = Cable Loss (dB) + LISN Factor (dB).

8. CONCLUSION

The data collected relate only the item(s) tested and show that the **WIRELESS ACCESS POINT** is in compliance with Part 15E of the FCC Rules.

The End