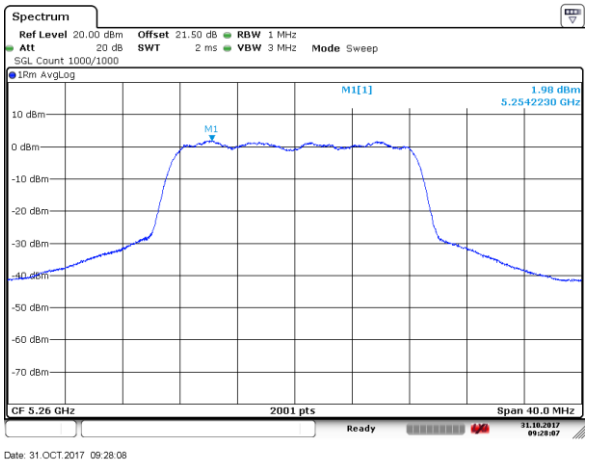
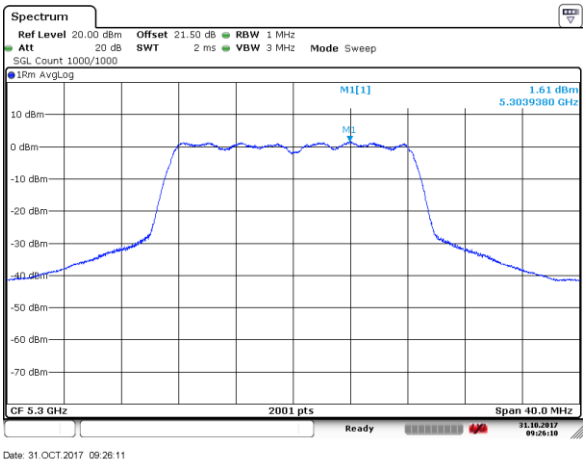
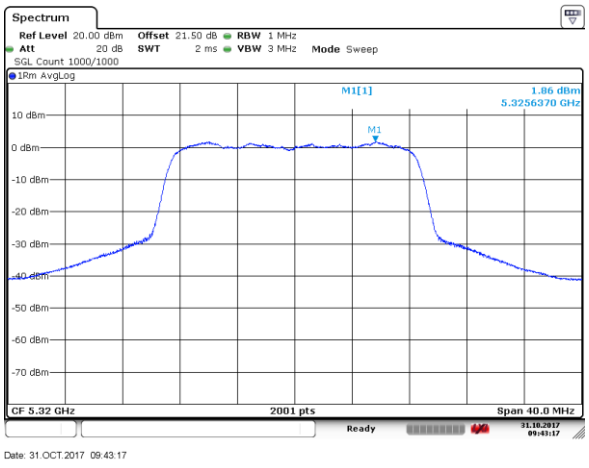
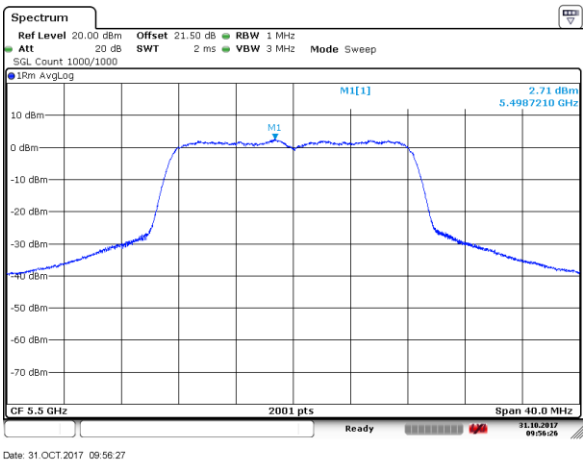
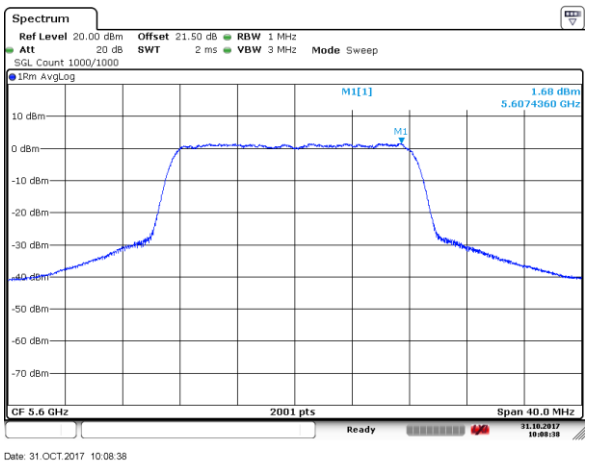
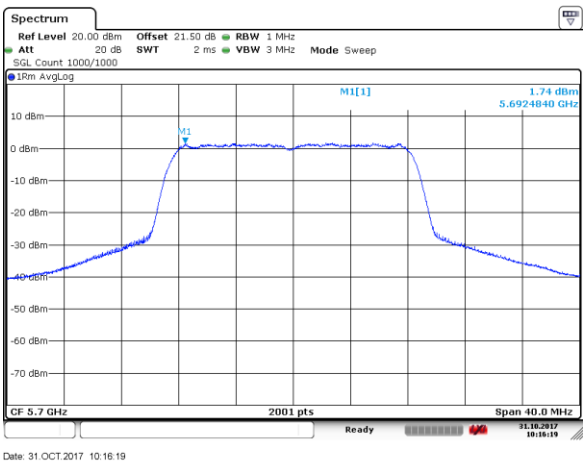
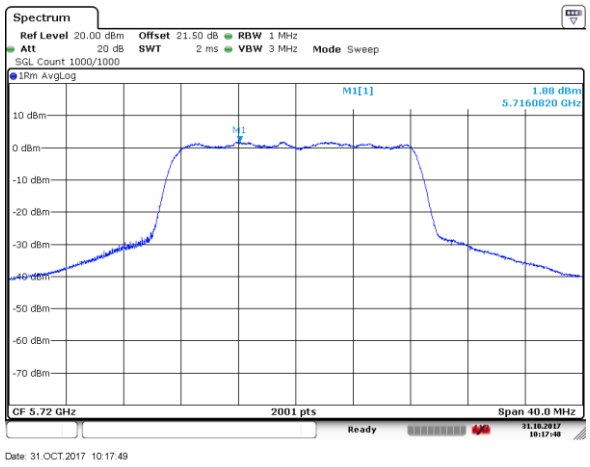
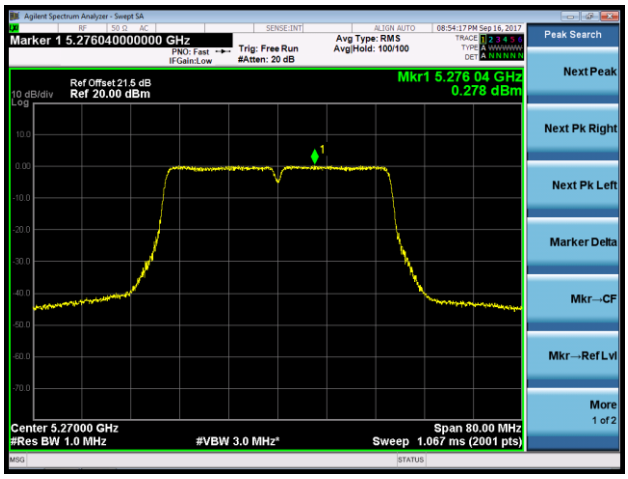
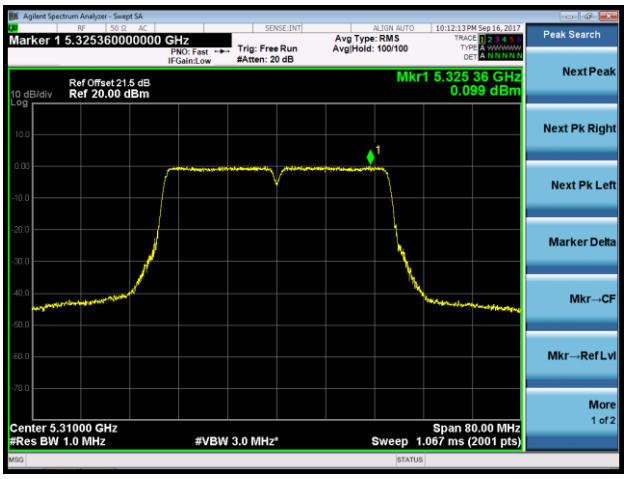
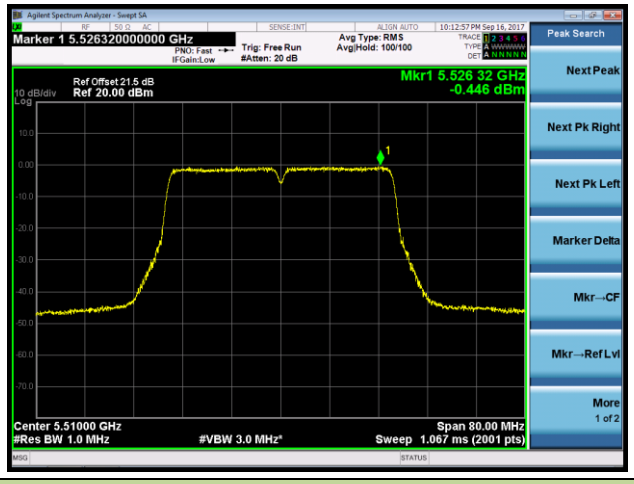
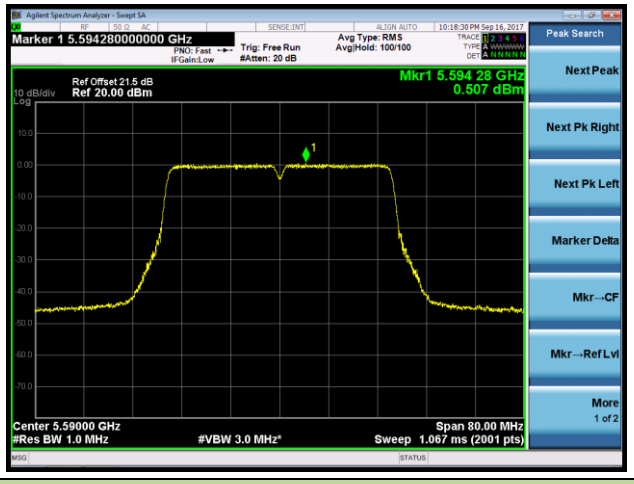
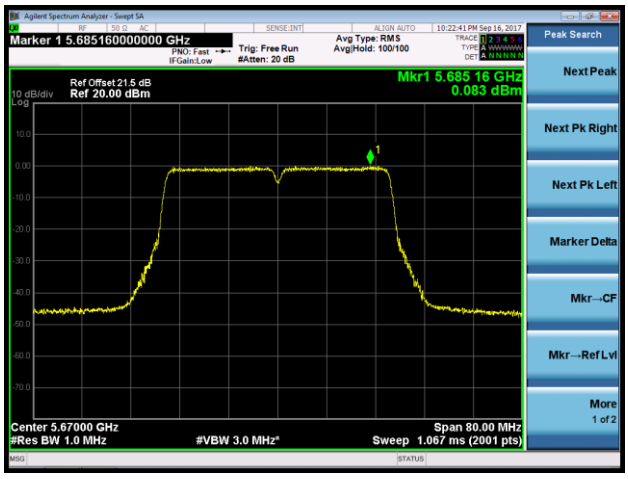
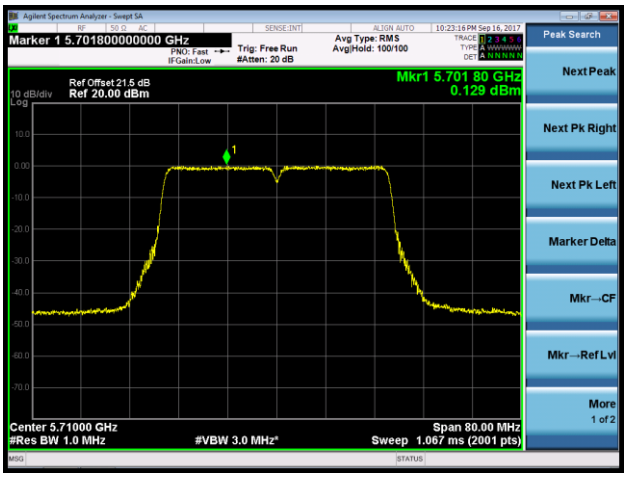
802.11ac-VHT20 Power Spectral Density - Ant 3 / Ant 0 + 1 + 2 + 3	
Channel 52 (5260MHz)	Channel 60 (5300MHz)
 Date: 31.OCT.2017 09:28:08	 Date: 31.OCT.2017 09:26:11
Channel 64 (5320MHz)	Channel 100 (5500MHz)
 Date: 31.OCT.2017 09:43:17	 Date: 31.OCT.2017 09:56:27
Channel 120 (5600MHz)	Channel 140 (5700MHz)
 Date: 31.OCT.2017 10:08:38	 Date: 31.OCT.2017 10:16:19

Channel 144 (5720MHz)	
	

802.11ac-VHT40 Power Spectral Density - Ant 3 / Ant 0 + 1 + 2 + 3	
Channel 54 (5270MHz)	Channel 62 (5310MHz)
	
Channel 102 (5510MHz)	Channel 118 (5590MHz)
	
Channel 134 (5670MHz)	Channel 142 (5710MHz)
	

802.11ac-VHT80 Power Spectral Density - Ant 3 / Ant 0 + 1 + 2 + 3	
Channel 58 (5290MHz)	Channel 106 (5530MHz)
	
Channel 122 (5610MHz)	Channel 138 (5690MHz)
	

7.7. Frequency Stability Measurement

7.7.1.Test Limit

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

7.7.2.Test Procedure Used

Frequency Stability Under Temperature Variations:

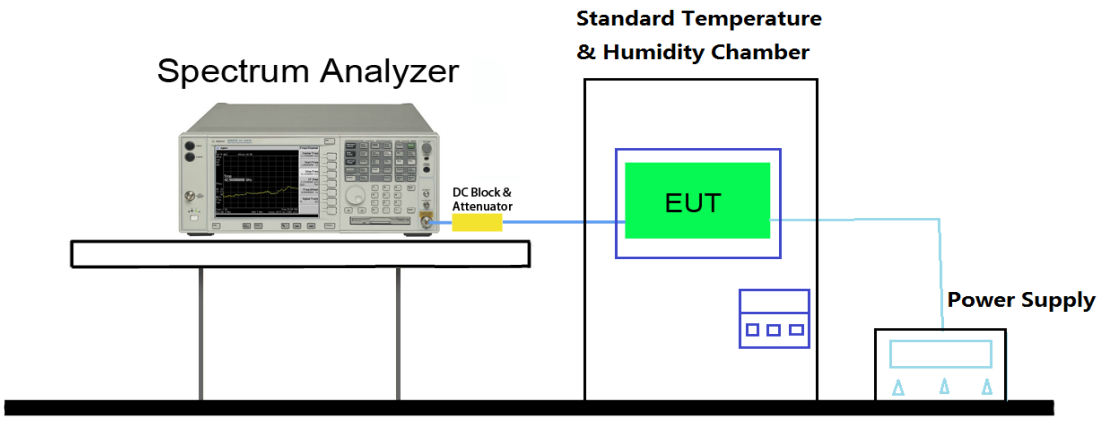
The equipment under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain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

Frequency Stability Under Voltage Variations:

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

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

7.7.3.Test Setup



7.7.4.Test Result

Refer to MRT Test Report “1709RSU00402” section 7.7.

7.8. Radiated Spurious Emission Measurement

7.8.1.Test Limit

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

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

7.8.2.Test Procedure Used

ANSI C63.10 Section 6.3 (General Requirements)

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

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

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

7.8.3.Test Setting

Quasi-Peak& Average Measurements below30MHz

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. Span was set greater than 1MHz
3. RBW = 200Hz for 9kHz to 150kHz frequency; RBW = 9kHz for 0.15MHz to 30MHz frequency
4. Detector = CISPR quasi-peak or power average (Average)
5. Sweep time = auto couple
6. Trace was allowed to stabilize

Quasi-Peak Measurements below 1GHz

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

Peak Measurements above 1GHz

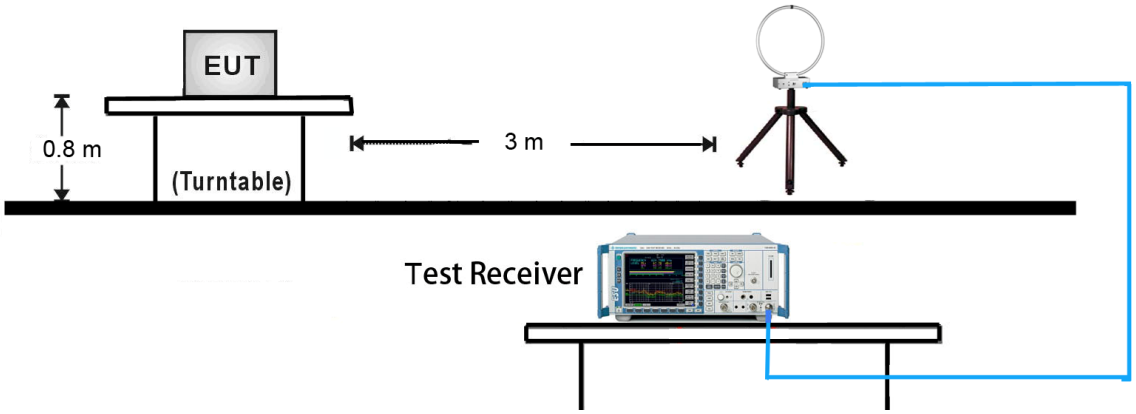
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

Average Measurements above 1GHz (Method AD)

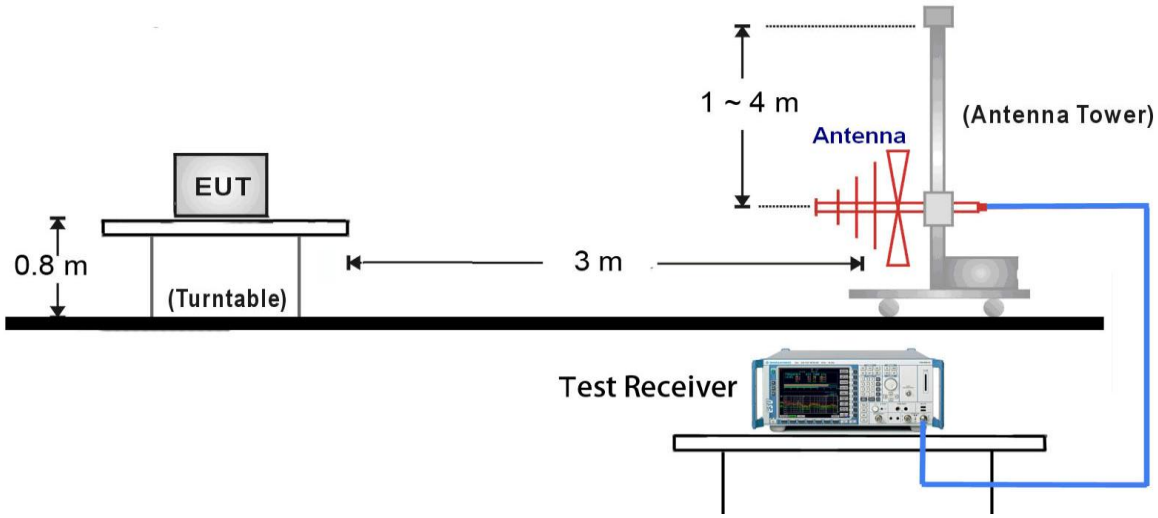
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = power average (Average)
5. Number of measurement points = 1001 (Number of points must be > 2 x span/RBW)
6. Sweep time = auto
7. Trace was averaged over at 100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

7.8.4.Test Setup

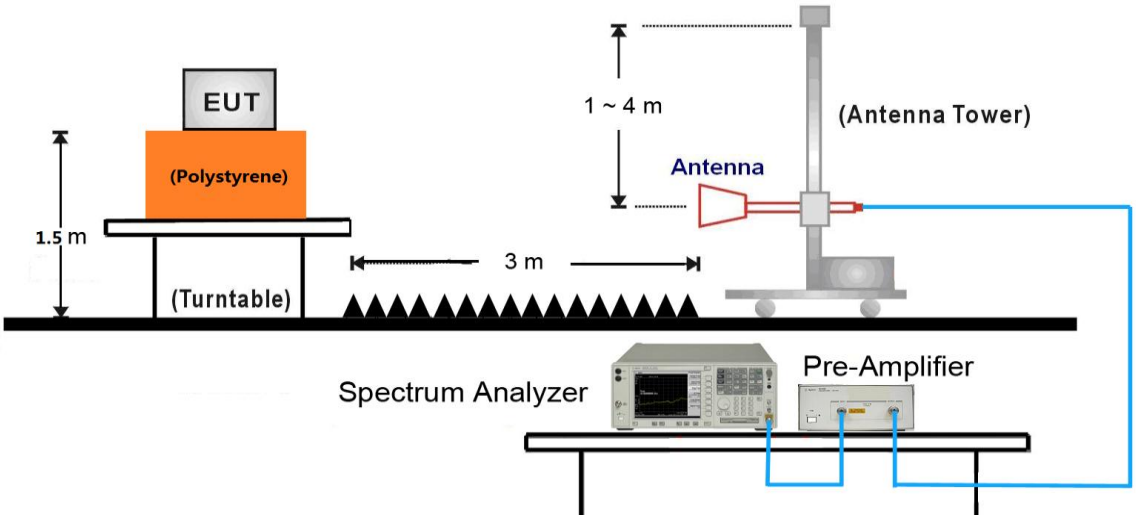
9kHz ~ 30MHz Test Setup:



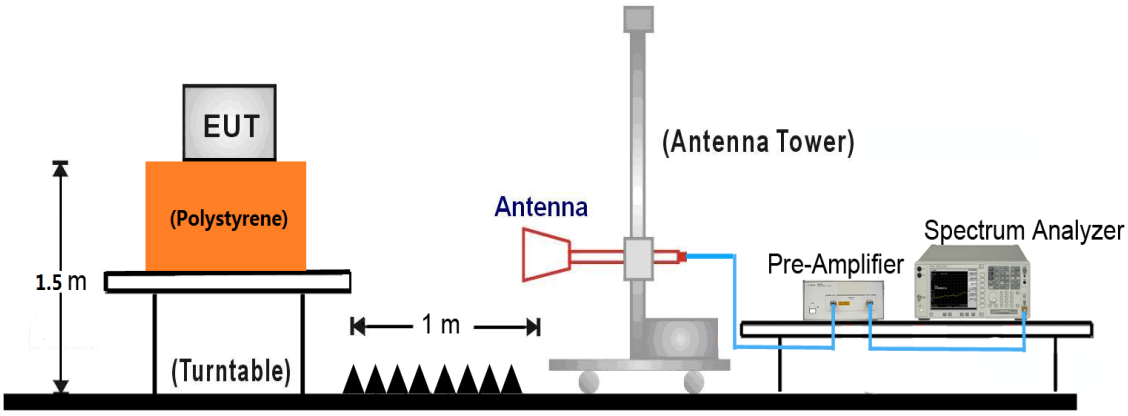
30MHz ~ 1GHz Test Setup:



1GHz ~18GHz Test Setup:



18GHz ~40GHz Test Setup:



7.8.5.Test Result

Product	804Mesh Dual Wi-Fi	Temperature	26°C
Test Engineer	Flag Yang	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/08/16
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3	Test Channel:	52
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7009.5	35.7	6.9	42.6	68.2	-25.6	Peak	Horizontal
	7315.5	36.5	8.0	44.5	74.0	-29.5	Peak	Horizontal
*	10520.0	40.5	12.5	53.0	68.2	-15.2	Peak	Horizontal
	15773.0	47.3	11.7	59.0	74.0	-15.0	Peak	Horizontal
	15773.0	32.8	11.6	44.4	54.0	-9.6	Average	Horizontal
*	7009.5	42.4	6.9	49.3	68.2	-18.9	Peak	Vertical
	7315.5	38.5	8.0	46.5	74.0	-27.5	Peak	Vertical
*	10520.0	42.8	12.5	55.3	68.2	-12.9	Peak	Vertical
	15773.0	44.3	11.7	56.0	74.0	-18.0	Peak	Vertical
	15773.0	29.1	11.7	40.8	54.0	-13.2	Average	Vertical

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

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

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

Product	804Mesh Dual Wi-Fi	Temperature	26°C
Test Engineer	Flag Yang	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/08/16
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3	Test Channel:	60
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7009.5	34.9	6.9	41.8	68.2	-26.4	Peak	Horizontal
	7315.5	36.7	8.0	44.7	74.0	-29.3	Peak	Horizontal
*	10596.5	41.4	12.4	53.8	68.2	-14.4	Peak	Horizontal
	15900.5	46.1	11.7	57.8	74.0	-16.2	Peak	Horizontal
	15900.5	31.6	11.7	43.3	54.0	-10.7	Average	Horizontal
*	7069.0	39.5	7.2	46.7	68.2	-21.5	Peak	Vertical
	7307.0	38.5	8.0	46.5	74.0	-27.5	Peak	Vertical
*	10596.5	40.8	12.4	53.2	68.2	-15.0	Peak	Vertical
	15900.5	44.5	11.7	56.2	74.0	-17.8	Peak	Vertical
	15900.5	29.5	11.7	41.2	54.0	-12.8	Average	Vertical

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

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

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

Product	804Mesh Dual Wi-Fi	Temperature	26°C
Test Engineer	Flag Yang	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/08/16
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3	Test Channel:	64
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7052.0	35.0	7.1	42.1	68.2	-26.1	Peak	Horizontal
	7307.0	36.8	8.0	44.8	74.0	-29.2	Peak	Horizontal
*	10639.0	39.2	12.3	51.5	68.2	-16.7	Peak	Horizontal
	15960.0	44.9	11.7	56.6	74.0	-17.4	Peak	Horizontal
	15960.0	29.6	11.7	41.3	54.0	-12.7	Average	Horizontal
*	7094.5	39.3	7.4	46.7	68.2	-21.5	Peak	Vertical
	7315.5	39.5	8.0	47.5	74.0	-26.5	Peak	Vertical
*	10639.0	41.1	12.3	53.4	68.2	-14.8	Peak	Vertical
	15960.0	42.4	11.7	54.1	74.0	-19.9	Peak	Vertical
	15960.0	28.1	11.7	39.8	54.0	-14.2	Average	Vertical

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

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

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

Product	804Mesh Dual Wi-Fi	Temperature	26°C
Test Engineer	Flag Yang	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/08/16
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3	Test Channel:	100
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7987.0	35.5	8.7	44.2	68.2	-24.0	Peak	Horizontal
	11004.5	36.3	13.0	49.3	74.0	-24.7	Peak	Horizontal
*	15994.0	36.1	11.8	47.9	68.2	-20.3	Peak	Horizontal
	16504.0	42.2	13.4	55.6	74.0	-18.4	Peak	Horizontal
*	7018.0	35.4	6.9	42.3	68.2	-25.9	Peak	Vertical
	7315.5	39.1	8.0	47.1	74.0	-26.9	Peak	Vertical
*	10996.0	38.5	13.0	51.5	68.2	-16.7	Peak	Vertical
	14685.0	36.1	15.7	51.8	74.0	-22.2	Peak	Vertical

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

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

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

Product	804Mesh Dual Wi-Fi	Temperature	26°C
Test Engineer	Flag Yang	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/08/16
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3	Test Channel:	120
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9534.0	34.3	10.8	45.1	68.2	-23.1	Peak	Horizontal
	11200.0	38.3	12.5	50.8	74.0	-23.2	Peak	Horizontal
*	15773.0	36.6	11.7	48.3	68.2	-19.9	Peak	Horizontal
	16810.0	47.8	14.9	62.7	74.0	-11.3	Peak	Horizontal
*	9534.0	34.3	10.8	45.1	68.2	-23.1	Peak	Vertical
	11200.0	41.3	12.5	53.8	74.0	-20.2	Peak	Vertical
*	16130.0	35.8	12.0	47.8	68.2	-20.4	Peak	Vertical
	16801.5	45.7	14.8	60.5	74.0	-13.5	Peak	Vertical

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

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

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

Product	804Mesh Dual Wi-Fi	Temperature	26°C
Test Engineer	Flag Yang	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/08/16
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3	Test Channel:	140
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8021.0	35.6	8.7	44.3	68.2	-23.9	Peak	Horizontal
	11387.0	35.9	12.6	48.5	74.0	-25.5	Peak	Horizontal
*	16062.0	35.0	11.8	46.8	68.2	-21.4	Peak	Horizontal
	17107.5	41.0	15.6	56.6	74.0	-17.4	Peak	Horizontal
*	9202.5	34.4	10.1	44.5	68.2	-23.7	Peak	Vertical
	11395.5	36.7	12.6	49.3	74.0	-24.7	Peak	Vertical
*	16002.5	35.3	11.8	47.1	68.2	-21.1	Peak	Vertical
	17099.0	38.6	15.6	54.2	74.0	-19.8	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	804Mesh Dual Wi-Fi	Temperature	26°C
Test Engineer	Flag Yang	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/08/16
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3	Test Channel:	144
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9551.0	34.7	10.8	45.5	68.2	-22.7	Peak	Horizontal
	11429.5	36.3	12.6	48.9	74.0	-25.1	Peak	Horizontal
*	16138.5	34.4	12.1	46.5	68.2	-21.7	Peak	Horizontal
	17167.0	44.9	15.8	60.7	74.0	-13.3	Peak	Horizontal
*	9585.0	34.8	10.9	45.7	68.2	-22.5	Peak	Vertical
	11446.5	41.8	12.7	54.5	74.0	-19.5	Peak	Vertical
	11446.5	29.2	12.6	41.8	54.0	-12.2	Average	Vertical
*	16062.0	34.5	11.8	46.3	68.2	-21.9	Peak	Vertical
	17167.0	44.9	15.8	60.7	74.0	-13.3	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	804Mesh Dual Wi-Fi	Temperature	26°C
Test Engineer	Flag Yang	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/08/16
Test Mode:	802.11n-HT20 - Ant 0 + 1 + 2 + 3	Test Channel:	52
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7060.5	35.7	7.2	42.9	68.2	-25.3	Peak	Horizontal
	7528.0	35.6	8.3	43.9	74.0	-30.1	Peak	Horizontal
*	10520.0	38.0	12.5	50.5	68.2	-17.7	Peak	Horizontal
	15773.0	43.9	11.7	55.6	74.0	-18.4	Peak	Horizontal
	15773.0	29.7	11.7	41.4	54.0	-12.6	Average	Horizontal
*	7009.5	41.4	6.9	48.3	68.2	-19.9	Peak	Vertical
	7307.0	37.5	8.0	45.5	74.0	-28.5	Peak	Vertical
*	10520.0	41.3	12.5	53.8	68.2	-14.4	Peak	Vertical
	15781.5	44.8	11.7	56.5	74.0	-17.5	Peak	Vertical
	15781.5	34.0	11.7	45.7	54.0	-8.3	Average	Vertical

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

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

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

Product	804Mesh Dual Wi-Fi	Temperature	26°C
Test Engineer	Flag Yang	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/08/16
Test Mode:	802.11n-HT20 - Ant 0 + 1 + 2 + 3	Test Channel:	60
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7171.0	34.2	7.7	41.9	68.2	-26.3	Peak	Horizontal
	8097.5	34.9	8.6	43.5	74.0	-30.5	Peak	Horizontal
*	10596.5	37.1	12.4	49.5	68.2	-18.7	Peak	Horizontal
	15909.0	42.5	11.8	54.3	74.0	-19.7	Peak	Horizontal
*	7069.0	39.0	7.2	46.2	68.2	-22.0	Peak	Vertical
	7315.5	39.2	8.0	47.2	74.0	-26.8	Peak	Vertical
*	10605.0	40.1	12.4	52.5	68.2	-15.7	Peak	Vertical
	15900.5	43.9	11.7	55.6	74.0	-18.4	Peak	Vertical
	15900.5	32.3	11.7	44.0	54.0	-10.0	Average	Vertical

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

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

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

Product	804Mesh Dual Wi-Fi	Temperature	26°C
Test Engineer	Flag Yang	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/08/16
Test Mode:	802.11n-HT20 - Ant 0 + 1 + 2 + 3	Test Channel:	64
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7094.5	34.3	7.4	41.7	68.2	-26.5	Peak	Horizontal
	7774.5	33.8	8.2	42.0	74.0	-32.0	Peak	Horizontal
*	10588.0	33.5	12.4	45.9	68.2	-22.3	Peak	Horizontal
	15960.0	41.1	11.7	52.8	74.0	-21.2	Peak	Horizontal
*	7094.5	37.2	7.4	44.6	68.2	-23.6	Peak	Vertical
	7307.0	37.8	8.0	45.8	74.0	-28.2	Peak	Vertical
*	10018.5	33.1	11.4	44.5	68.2	-23.7	Peak	Vertical
	10639.0	38.2	12.3	50.5	74.0	-23.5	Peak	Vertical

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

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

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

Product	804Mesh Dual Wi-Fi	Temperature	26°C
Test Engineer	Flag Yang	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/08/16
Test Mode:	802.11n-HT20 - Ant 0 + 1 + 2 + 3	Test Channel:	100
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7077.5	34.3	7.3	41.6	68.2	-26.6	Peak	Horizontal
	7307.0	36.6	8.0	44.6	74.0	-29.4	Peak	Horizontal
*	8573.5	35.2	8.7	43.9	68.2	-24.3	Peak	Horizontal
	9389.5	34.8	10.5	45.3	74.0	-28.7	Peak	Horizontal
*	7009.5	33.7	6.9	40.6	68.2	-27.6	Peak	Vertical
	7315.5	38.3	8.0	46.3	74.0	-27.7	Peak	Vertical
*	9593.5	33.8	10.9	44.7	68.2	-23.5	Peak	Vertical
	10996.0	36.4	13.0	49.4	74.0	-24.6	Peak	Vertical

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

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

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

Product	804Mesh Dual Wi-Fi	Temperature	26°C
Test Engineer	Flag Yang	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/08/16
Test Mode:	802.11n-HT20 - Ant 0 + 1 + 2 + 3	Test Channel:	120
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9551.0	33.2	10.8	44.0	68.2	-24.2	Peak	Horizontal
	11208.5	37.7	12.4	50.1	74.0	-23.9	Peak	Horizontal
*	15790.0	35.0	11.6	46.6	68.2	-21.6	Peak	Horizontal
	16801.5	46.1	14.8	60.9	74.0	-13.1	Peak	Horizontal
*	9253.5	34.0	10.2	44.2	68.2	-24.0	Peak	Vertical
	11191.5	40.6	12.5	53.1	74.0	-20.9	Peak	Vertical
*	16062.0	34.0	11.8	45.8	68.2	-22.4	Peak	Vertical
	16801.5	40.8	14.8	55.6	74.0	-18.4	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	804Mesh Dual Wi-Fi	Temperature	26°C
Test Engineer	Flag Yang	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/08/16
Test Mode:	802.11n-HT20 - Ant 0 + 1 + 2 + 3	Test Channel:	140
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7018.0	34.6	6.9	41.5	68.2	-26.7	Peak	Horizontal
	7596.0	35.0	8.1	43.1	74.0	-30.9	Peak	Horizontal
*	10035.5	33.1	11.5	44.6	68.2	-23.6	Peak	Horizontal
	11038.5	34.4	12.9	47.3	74.0	-26.7	Peak	Horizontal
*	7035.0	34.7	7.0	41.7	68.2	-26.5	Peak	Vertical
	7315.5	38.3	8.0	46.3	74.0	-27.7	Peak	Vertical
*	10545.5	34.7	12.5	47.2	68.2	-21.0	Peak	Vertical
	13146.5	34.4	12.5	46.9	74.0	-27.1	Peak	Vertical

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

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

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

Product	804Mesh Dual Wi-Fi	Temperature	26°C
Test Engineer	Flag Yang	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/08/16
Test Mode:	802.11n-HT20 - Ant 0 + 1 + 2 + 3	Test Channel:	144
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9899.5	33.6	11.6	45.2	68.2	-23.0	Peak	Horizontal
	11438.0	35.7	12.6	48.3	74.0	-25.7	Peak	Horizontal
*	16053.5	33.8	11.8	45.6	68.2	-22.6	Peak	Horizontal
	17158.5	43.6	15.7	59.3	74.0	-14.7	Peak	Horizontal
*	10010.0	32.8	11.4	44.2	68.2	-24.0	Peak	Vertical
	11438.0	40.5	12.6	53.1	74.0	-20.9	Peak	Vertical
*	15951.5	34.3	11.7	46.0	68.2	-22.2	Peak	Vertical
	17158.5	39.3	15.7	55.0	74.0	-19.0	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	804Mesh Dual Wi-Fi	Temperature	26°C
Test Engineer	Flag Yang	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/08/16
Test Mode:	802.11n-HT40 - Ant 0 + 1 + 2 + 3	Test Channel:	54
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7026.5	36.3	6.9	43.2	68.2	-25.0	Peak	Horizontal
	7315.5	35.1	8.0	43.1	74.0	-30.9	Peak	Horizontal
*	10520.0	36.1	12.5	48.6	68.2	-19.6	Peak	Horizontal
	15824.0	42.5	11.7	54.2	74.0	-19.8	Peak	Horizontal
*	7026.5	41.2	6.9	48.1	68.2	-20.1	Peak	Vertical
	8182.5	34.7	8.3	43.0	74.0	-31.0	Peak	Vertical
*	10545.5	39.4	12.5	51.9	68.2	-16.3	Peak	Vertical
	15815.5	42.0	11.7	53.7	74.0	-20.3	Peak	Vertical
	15815.5	32.0	11.7	43.7	54.0	-10.3	Average	Vertical

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

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

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

Product	804Mesh Dual Wi-Fi	Temperature	26°C
Test Engineer	Flag Yang	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/08/16
Test Mode:	802.11n-HT40 - Ant 0 + 1 + 2 + 3	Test Channel:	62
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7069.0	34.7	7.2	41.9	68.2	-26.3	Peak	Horizontal
	7485.5	34.9	8.2	43.1	74.0	-30.9	Peak	Horizontal
*	10069.5	34.3	11.5	45.8	68.2	-22.4	Peak	Horizontal
	15832.5	37.2	11.7	48.9	74.0	-25.1	Peak	Horizontal
*	7077.5	37.4	7.3	44.7	68.2	-23.5	Peak	Vertical
	7307.0	37.8	8.0	45.8	74.0	-28.2	Peak	Vertical
*	10239.5	33.9	11.9	45.8	68.2	-22.4	Peak	Vertical
	15560.5	35.2	12.1	47.3	74.0	-26.7	Peak	Vertical

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

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

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

Product	804Mesh Dual Wi-Fi	Temperature	26°C
Test Engineer	Flag Yang	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/08/16
Test Mode:	802.11n-HT40 - Ant 0 + 1 + 2 + 3	Test Channel:	102
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7120.0	35.1	7.6	42.7	68.2	-25.5	Peak	Horizontal
	7307.0	37.1	8.0	45.1	74.0	-28.9	Peak	Horizontal
*	10086.5	34.7	11.6	46.3	68.2	-21.9	Peak	Horizontal
	15577.5	36.8	12.1	48.9	74.0	-25.1	Peak	Horizontal
*	7128.5	35.1	7.7	42.8	68.2	-25.4	Peak	Vertical
	7307.0	38.8	8.0	46.8	74.0	-27.2	Peak	Vertical
*	10350.0	34.1	12.2	46.3	68.2	-21.9	Peak	Vertical
	15807.0	38.0	11.7	49.7	74.0	-24.3	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	804Mesh Dual Wi-Fi	Temperature	26°C
Test Engineer	Flag Yang	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/08/16
Test Mode:	802.11n-HT40 - Ant 0 + 1 + 2 + 3	Test Channel:	110
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
*	7825.5	36.2	8.4	44.6	68.2	-23.6	Peak	Horizontal
	11098.0	36.7	12.8	49.5	74.0	-24.5	Peak	Horizontal
*	16019.5	34.9	11.8	46.7	68.2	-21.5	Peak	Horizontal
	16665.5	42.4	14.3	56.7	74.0	-17.3	Peak	Horizontal
*	8905.0	35.8	9.2	45.0	68.2	-23.2	Peak	Vertical
	11098.0	42.4	12.8	55.2	74.0	-18.8	Peak	Vertical
	11098.0	30.4	12.8	43.2	54.0	-10.8	Average	Vertical
*	15951.5	34.7	11.7	46.4	68.2	-21.8	Peak	Vertical
	16657.0	40.6	14.2	54.8	74.0	-19.2	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	804Mesh Dual Wi-Fi	Temperature	26°C
Test Engineer	Flag Yang	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/08/16
Test Mode:	802.11n-HT40 - Ant 0 + 1 + 2 + 3	Test Channel:	134
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7120.0	36.2	7.6	43.8	68.2	-24.4	Peak	Horizontal
	11336.0	35.4	12.5	47.9	74.0	-26.1	Peak	Horizontal
*	15773.0	37.6	11.7	49.3	68.2	-18.9	Peak	Horizontal
	16988.5	40.3	15.5	55.8	74.0	-18.2	Peak	Horizontal
*	7018.0	35.5	6.9	42.4	68.2	-25.8	Peak	Vertical
	7307.0	39.0	8.0	47.0	74.0	-27.0	Peak	Vertical
*	10384.0	34.2	12.3	46.5	68.2	-21.7	Peak	Vertical
	15705.0	36.9	11.8	48.7	74.0	-25.3	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	804Mesh Dual Wi-Fi	Temperature	26°C
Test Engineer	Flag Yang	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/08/16
Test Mode:	802.11n-HT40 - Ant 0 + 1 + 2 + 3	Test Channel:	142
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7060.5	34.7	7.2	41.9	68.2	-26.3	Peak	Horizontal
	7315.5	36.2	8.0	44.2	74.0	-29.8	Peak	Horizontal
*	16011.0	34.9	11.8	46.7	68.2	-21.5	Peak	Horizontal
	17133.0	42.9	15.6	58.5	74.0	-15.5	Peak	Horizontal
*	7137.0	35.1	7.7	42.8	68.2	-25.4	Peak	Vertical
	11421.0	39.9	12.6	52.5	74.0	-21.5	Peak	Vertical
*	16062.0	35.4	11.8	47.2	68.2	-21.0	Peak	Vertical
	17133.0	41.2	15.6	56.8	74.0	-17.2	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	804Mesh Dual Wi-Fi	Temperature	26°C
Test Engineer	Flag Yang	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/08/16
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3	Test Channel:	52
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7009.5	36.5	6.9	43.4	68.2	-24.8	Peak	Horizontal
	7307.0	34.0	8.0	42.0	74.0	-32.0	Peak	Horizontal
*	10452.0	34.2	12.0	46.2	68.2	-22.0	Peak	Horizontal
	11922.5	35.3	11.8	47.1	74.0	-26.9	Peak	Horizontal
*	7009.5	39.9	6.9	46.8	68.2	-21.4	Peak	Vertical
	7315.5	39.1	8.0	47.1	74.0	-26.9	Peak	Vertical
*	10324.5	34.4	12.1	46.5	68.2	-21.7	Peak	Vertical
	11625.0	35.2	12.5	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	804Mesh Dual Wi-Fi	Temperature	26°C
Test Engineer	Flag Yang	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/08/16
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3	Test Channel:	60
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7069.0	35.2	7.2	42.4	68.2	-25.8	Peak	Horizontal
	7222.0	35.9	7.8	43.7	74.0	-30.3	Peak	Horizontal
*	10350.0	33.3	12.2	45.5	68.2	-22.7	Peak	Horizontal
	11591.0	34.7	12.6	47.3	74.0	-26.7	Peak	Horizontal
*	7094.5	35.2	7.4	42.6	68.2	-25.6	Peak	Vertical
	7349.5	34.1	8.0	42.1	74.0	-31.9	Peak	Vertical
*	10171.5	33.1	11.7	44.8	68.2	-23.4	Peak	Vertical
	11081.0	33.9	12.9	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	804Mesh Dual Wi-Fi	Temperature	26°C
Test Engineer	Flag Yang	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/08/16
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3	Test Channel:	64
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7052.0	35.6	7.1	42.7	68.2	-25.5	Peak	Horizontal
	7528.0	33.8	8.3	42.1	74.0	-31.9	Peak	Horizontal
*	10469.0	33.8	12.1	45.9	68.2	-22.3	Peak	Horizontal
	11429.5	33.9	12.6	46.5	74.0	-27.5	Peak	Horizontal
*	7069.0	35.5	7.2	42.7	68.2	-25.5	Peak	Vertical
	7570.5	34.3	8.2	42.5	74.0	-31.5	Peak	Vertical
*	10520.0	33.8	12.5	46.3	68.2	-21.9	Peak	Vertical
	11650.5	34.6	12.3	46.9	74.0	-27.1	Peak	Vertical

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

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

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

Product	804Mesh Dual Wi-Fi	Temperature	26°C
Test Engineer	Flag Yang	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/08/16
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3	Test Channel:	100
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7069.0	36.2	7.2	43.4	68.2	-24.8	Peak	Horizontal
	7519.5	34.4	8.3	42.7	74.0	-31.3	Peak	Horizontal
*	10290.5	33.5	12.0	45.5	68.2	-22.7	Peak	Horizontal
	11013.0	34.5	13.0	47.5	74.0	-26.5	Peak	Horizontal
*	7052.0	34.1	7.1	41.2	68.2	-27.0	Peak	Vertical
	7307.0	38.4	8.0	46.4	74.0	-27.6	Peak	Vertical
*	10239.5	34.5	11.9	46.4	68.2	-21.8	Peak	Vertical
	10970.5	34.5	13.1	47.6	74.0	-26.4	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	804Mesh Dual Wi-Fi	Temperature	26°C
Test Engineer	Flag Yang	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/08/16
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3	Test Channel:	120
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7103.0	34.1	7.5	41.6	68.2	-26.6	Peak	Horizontal
	7349.5	33.7	8.0	41.7	74.0	-32.3	Peak	Horizontal
*	10035.5	34.0	11.5	45.5	68.2	-22.7	Peak	Horizontal
	11574.0	34.1	12.6	46.7	74.0	-27.3	Peak	Horizontal
*	7060.5	34.2	7.2	41.4	68.2	-26.8	Peak	Vertical
	7332.5	33.6	8.0	41.6	74.0	-32.4	Peak	Vertical
*	10341.5	33.0	12.2	45.2	68.2	-23.0	Peak	Vertical
	11463.5	33.4	12.7	46.1	74.0	-27.9	Peak	Vertical

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

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

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

Product	804Mesh Dual Wi-Fi	Temperature	26°C
Test Engineer	Flag Yang	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/08/16
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3	Test Channel:	140
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7111.5	35.3	7.6	42.9	68.2	-25.3	Peak	Horizontal
	7307.0	36.1	8.0	44.1	74.0	-29.9	Peak	Horizontal
*	10163.0	34.5	11.7	46.2	68.2	-22.0	Peak	Horizontal
	11523.0	33.9	12.8	46.7	74.0	-27.3	Peak	Horizontal
*	7120.0	34.1	7.6	41.7	68.2	-26.5	Peak	Vertical
	7307.0	37.8	8.0	45.8	74.0	-28.2	Peak	Vertical
*	10494.5	34.0	12.4	46.4	68.2	-21.8	Peak	Vertical
	11259.5	34.2	12.4	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	804Mesh Dual Wi-Fi	Temperature	26°C
Test Engineer	Flag Yang	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/08/16
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3	Test Channel:	144
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7052.0	33.6	7.1	40.7	68.2	-27.5	Peak	Horizontal
	7502.5	33.7	8.3	42.0	74.0	-32.0	Peak	Horizontal
*	10137.5	33.9	11.6	45.5	68.2	-22.7	Peak	Horizontal
	11089.5	33.9	12.8	46.7	74.0	-27.3	Peak	Horizontal
*	7052.0	33.6	7.1	40.7	68.2	-27.5	Peak	Vertical
	7502.5	33.7	8.3	42.0	74.0	-32.0	Peak	Vertical
*	10137.5	33.9	11.6	45.5	68.2	-22.7	Peak	Vertical
	11089.5	33.9	12.8	46.7	74.0	-27.3	Peak	Vertical

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

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

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

Product	804Mesh Dual Wi-Fi	Temperature	26°C
Test Engineer	Flag Yang	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/08/16
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3	Test Channel:	54
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8004.0	34.6	8.7	43.3	68.2	-24.9	Peak	Horizontal
	10613.5	33.8	12.4	46.2	74.0	-27.8	Peak	Horizontal
*	14166.5	34.2	15.3	49.5	68.2	-18.7	Peak	Horizontal
	15781.5	37.5	11.7	49.2	74.0	-24.8	Peak	Horizontal
*	7842.5	33.6	8.4	42.0	68.2	-26.2	Peak	Vertical
	11072.5	33.3	12.9	46.2	74.0	-27.8	Peak	Vertical
*	12747.0	33.6	11.7	45.3	68.2	-22.9	Peak	Vertical
	13393.0	34.2	13.7	47.9	74.0	-26.1	Peak	Vertical

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

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

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

Product	804Mesh Dual Wi-Fi	Temperature	26°C
Test Engineer	Flag Yang	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/08/16
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3	Test Channel:	62
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7060.5	34.8	7.2	42.0	68.2	-26.2	Peak	Horizontal
	8114.5	34.4	8.6	43.0	74.0	-31.0	Peak	Horizontal
*	10205.5	33.6	11.8	45.4	68.2	-22.8	Peak	Horizontal
	12356.0	34.5	11.5	46.0	74.0	-28.0	Peak	Horizontal
*	7052.0	34.1	7.1	41.2	68.2	-27.0	Peak	Vertical
	8276.0	32.8	8.1	40.9	74.0	-33.1	Peak	Vertical
*	10001.5	32.1	11.4	43.5	68.2	-24.7	Peak	Vertical
	10639.0	32.8	12.3	45.1	74.0	-28.9	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	804Mesh Dual Wi-Fi	Temperature	26°C
Test Engineer	Flag Yang	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/08/16
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3	Test Channel:	102
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7077.5	34.7	7.3	42.0	68.2	-26.2	Peak	Horizontal
	8131.5	32.0	8.5	40.5	74.0	-33.5	Peak	Horizontal
*	8888.0	32.9	9.2	42.1	68.2	-26.1	Peak	Horizontal
	9789.0	33.0	11.4	44.4	74.0	-29.6	Peak	Horizontal
*	7077.5	33.6	7.3	40.9	68.2	-27.3	Peak	Vertical
	7400.5	34.4	7.9	42.3	74.0	-31.7	Peak	Vertical
*	9670.0	32.5	10.9	43.4	68.2	-24.8	Peak	Vertical
	12262.5	34.1	11.7	45.8	74.0	-28.2	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	804Mesh Dual Wi-Fi	Temperature	26°C
Test Engineer	Flag Yang	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/08/16
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3	Test Channel:	110
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
*	7944.5	34.6	8.5	43.1	68.2	-25.1	Peak	Horizontal
	9126.0	32.8	9.7	42.5	74.0	-31.5	Peak	Horizontal
*	10443.5	32.7	12.0	44.7	68.2	-23.5	Peak	Horizontal
	11829.0	34.4	11.9	46.3	74.0	-27.7	Peak	Horizontal
*	7987.0	34.3	8.7	43.0	68.2	-25.2	Peak	Vertical
	9338.5	31.8	10.4	42.2	74.0	-31.8	Peak	Vertical
*	10392.5	31.6	12.3	43.9	68.2	-24.3	Peak	Vertical
	11336.0	32.9	12.5	45.4	74.0	-28.6	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	804Mesh Dual Wi-Fi	Temperature	26°C
Test Engineer	Flag Yang	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/08/16
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3	Test Channel:	134
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7978.5	35.4	8.7	44.1	68.2	-24.1	Peak	Horizontal
	9109.0	32.4	9.4	41.8	74.0	-32.2	Peak	Horizontal
*	10358.5	31.8	12.2	44.0	68.2	-24.2	Peak	Horizontal
	11846.0	32.7	11.9	44.6	74.0	-29.4	Peak	Horizontal
*	7077.5	33.8	7.3	41.1	68.2	-27.1	Peak	Vertical
	7307.0	39.5	8.0	47.5	74.0	-26.5	Peak	Vertical
*	9712.5	33.9	11.0	44.9	68.2	-23.3	Peak	Vertical
	10928.0	34.0	13.0	47.0	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	804Mesh Dual Wi-Fi	Temperature	26°C
Test Engineer	Flag Yang	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/08/16
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3	Test Channel:	142
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7026.5	33.9	6.9	40.8	68.2	-27.4	Peak	Horizontal
	7307.0	35.7	8.0	43.7	74.0	-30.3	Peak	Horizontal
*	9865.5	33.5	11.6	45.1	68.2	-23.1	Peak	Horizontal
	10630.5	33.8	12.4	46.2	74.0	-27.8	Peak	Horizontal
*	8794.5	35.0	8.9	43.9	68.2	-24.3	Peak	Vertical
	9483.0	31.7	10.6	42.3	74.0	-31.7	Peak	Vertical
*	10537.0	33.0	12.5	45.5	68.2	-22.7	Peak	Vertical
	11812.0	34.1	11.9	46.0	74.0	-28.0	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	804Mesh Dual Wi-Fi	Temperature	26°C
Test Engineer	Flag Yang	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/08/16
Test Mode:	802.11ac-VHT80 - Ant 0 + 1 + 2 + 3	Test Channel:	58
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8811.5	31.9	9.0	40.9	68.2	-27.3	Peak	Horizontal
	9398.0	32.2	10.5	42.7	74.0	-31.3	Peak	Horizontal
*	10443.5	33.7	12.0	45.7	68.2	-22.5	Peak	Horizontal
	12084.0	34.5	12.0	46.5	74.0	-27.5	Peak	Horizontal
*	7987.0	34.4	8.7	43.1	68.2	-25.1	Peak	Vertical
	9058.0	33.6	9.0	42.6	74.0	-31.4	Peak	Vertical
*	9559.5	33.2	10.9	44.1	68.2	-24.1	Peak	Vertical
	10792.0	33.8	12.6	46.4	74.0	-27.6	Peak	Vertical

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

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

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

Product	804Mesh Dual Wi-Fi	Temperature	26°C
Test Engineer	Flag Yang	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/08/16
Test Mode:	802.11ac-VHT80 - Ant 0 + 1 + 2 + 3	Test Channel:	106
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8964.5	32.7	9.0	41.7	68.2	-26.5	Peak	Horizontal
	9236.5	31.2	10.2	41.4	74.0	-32.6	Peak	Horizontal
*	10494.5	32.1	12.4	44.5	68.2	-23.7	Peak	Horizontal
	11123.5	31.9	12.7	44.6	74.0	-29.4	Peak	Horizontal
*	7893.5	33.7	8.4	42.1	68.2	-26.1	Peak	Vertical
	9177.0	33.1	10.0	43.1	74.0	-30.9	Peak	Vertical
*	10027.0	33.5	11.5	45.0	68.2	-23.2	Peak	Vertical
	10936.5	33.6	13.0	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	804Mesh Dual Wi-Fi	Temperature	26°C
Test Engineer	Flag Yang	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/08/16
Test Mode:	802.11ac-VHT80 - Ant 0 + 1 + 2 + 3	Test Channel:	122
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7970.0	35.0	8.6	43.6	68.2	-24.6	Peak	Horizontal
	9177.0	33.1	10.0	43.1	74.0	-30.9	Peak	Horizontal
*	9653.0	34.0	11.0	45.0	68.2	-23.2	Peak	Horizontal
	11378.5	32.6	12.6	45.2	74.0	-28.8	Peak	Horizontal
*	7196.5	33.8	7.8	41.6	68.2	-26.6	Peak	Vertical
	7307.0	38.5	8.0	46.5	74.0	-27.5	Peak	Vertical
*	9721.0	31.6	11.1	42.7	68.2	-25.5	Peak	Vertical
	11055.5	33.4	12.9	46.3	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	804Mesh Dual Wi-Fi	Temperature	26°C
Test Engineer	Flag Yang	Relative Humidity	57 %
Test Site	AC2	Test Date	2017/08/16
Test Mode:	802.11ac-VHT80 - Ant 0 + 1 + 2 + 3	Test Channel:	138
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7808.5	34.0	8.4	42.4	68.2	-25.8	Peak	Horizontal
	8046.5	34.7	8.8	43.5	74.0	-30.5	Peak	Horizontal
*	10384.0	33.3	12.3	45.6	68.2	-22.6	Peak	Horizontal
	10962.0	35.1	13.1	48.2	74.0	-25.8	Peak	Horizontal
*	7808.5	34.0	8.4	42.4	68.2	-25.8	Peak	Vertical
	9330.0	31.9	10.4	42.3	74.0	-31.7	Peak	Vertical
*	10401.0	32.2	12.3	44.5	68.2	-23.7	Peak	Vertical
	11548.5	33.2	12.7	45.9	74.0	-28.1	Peak	Vertical

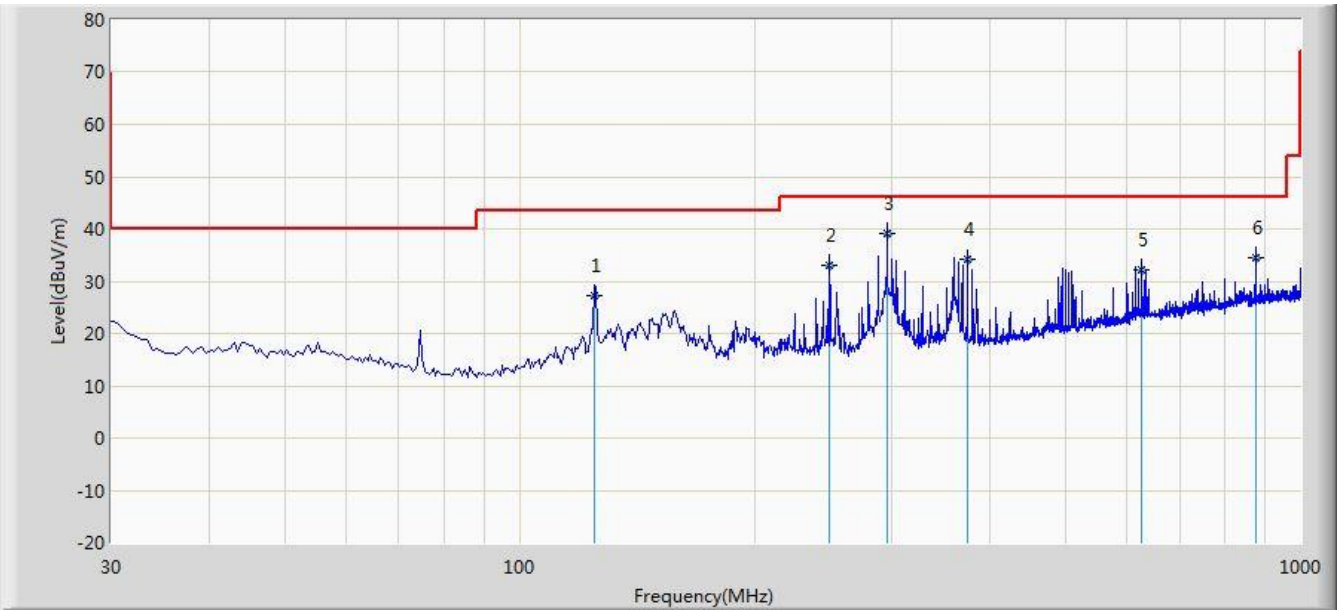
Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

The worst case of Radiated Emission below 1GHz:

Site: AC2	Time: 2017/09/26 - 22:51
Limit: FCC_Part15.209_RE(3m)	Engineer: Snake Ni
Probe: VULB9162_0.03-8GHz	Polarity: Horizontal
EUT: 804Mesh Dual Wi-Fi	Power: AC 120V/60Hz
Worst Mode: Transmit by 802.11a at channel 5180MHz Ant 0 + 1 + 2 + 3	



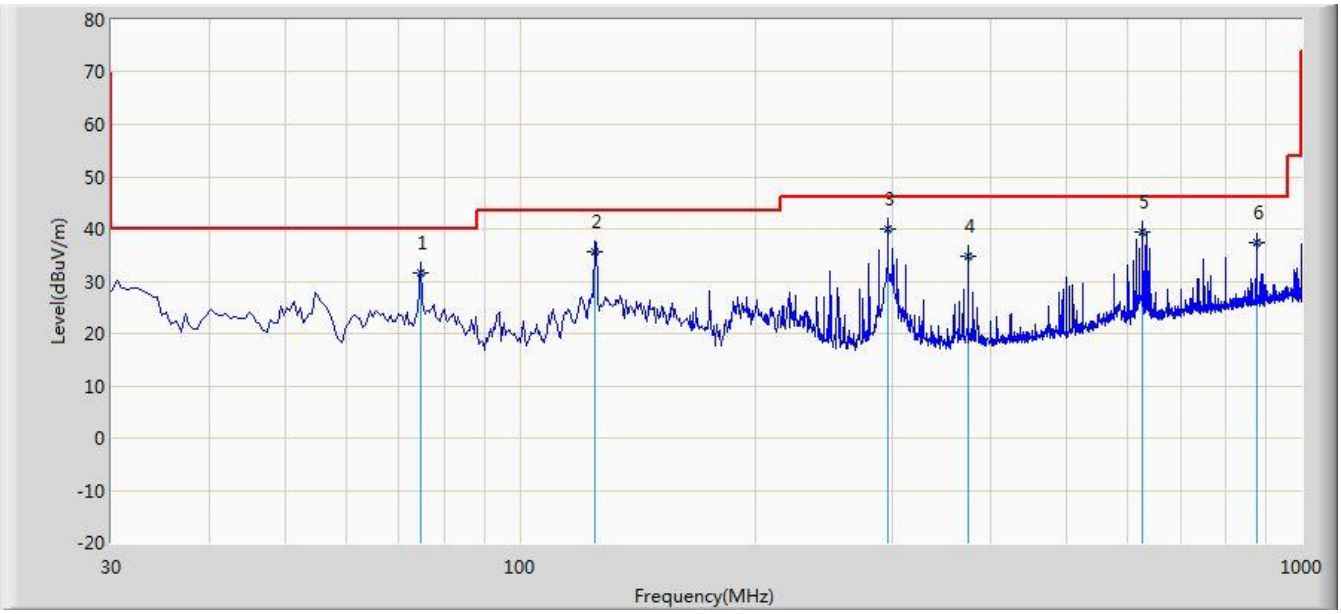
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			124.575	27.198	13.776	-16.302	43.500	13.422	QP
2			249.705	33.107	20.186	-12.893	46.000	12.921	QP
3		*	295.780	39.213	25.019	-6.787	46.000	14.194	QP
4			374.835	34.059	18.059	-11.941	46.000	16.000	QP
5			625.095	32.243	11.217	-13.757	46.000	21.026	QP
6			875.355	34.414	10.404	-11.586	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: AC2	Time: 2017/09/26 - 22:51
Limit: FCC_Part15.209_RE(3m)	Engineer: Snake Ni
Probe: VULB9162_0.03-8GHz	Polarity: Vertical
EUT: 804Mesh Dual Wi-Fi	Power: AC 120V/60Hz
Worst Mode: Transmit by 802.11a at channel 5180MHz Ant 0 + 1 + 2 + 3	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			74.620	31.486	20.682	-8.514	40.000	10.804	QP
2			124.575	35.747	22.325	-7.753	43.500	13.422	QP
3		*	295.780	40.002	25.808	-5.998	46.000	14.194	QP
4			374.835	34.722	18.722	-11.278	46.000	16.000	QP
5			625.095	39.338	18.312	-6.662	46.000	21.026	QP
6			875.355	37.259	13.249	-8.741	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.

7.9. Radiated Restricted Band Edge Measurement

7.9.1.Test Limit

For 15.205 requirement:

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

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

For 15.407(b) requirement:

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

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

For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz.

For transmitters operating in the 5.725-5.85 GHz band: All emissions shall be limited to a level of −27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing

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

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

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

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

7.9.2.Test Procedure Used

ANSI C63.10 Section 6.3 (General Requirements)

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

7.9.3.Test Setting

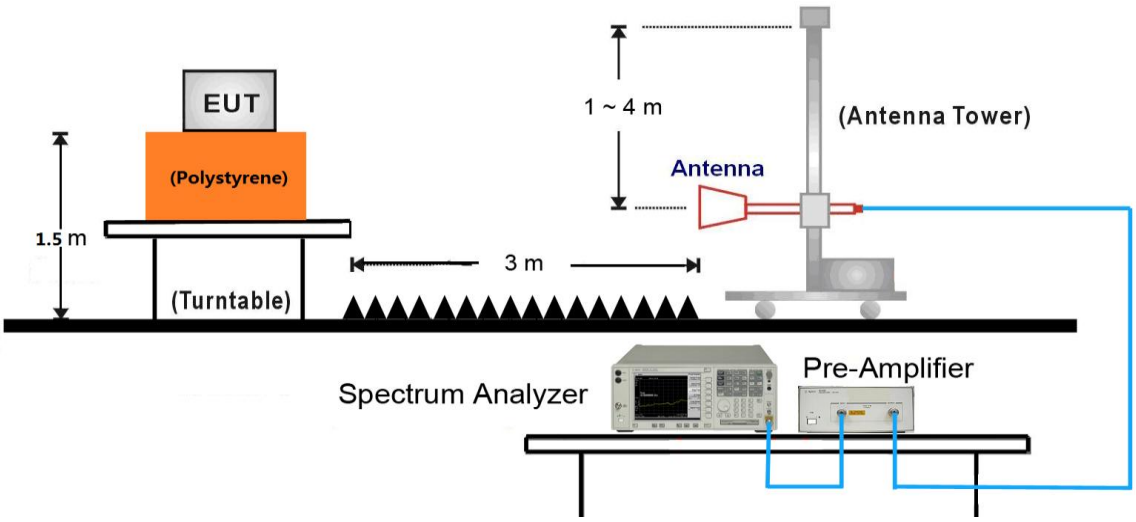
Peak Measurements above 1GHz

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

Average Measurements above 1GHz (Method AD)

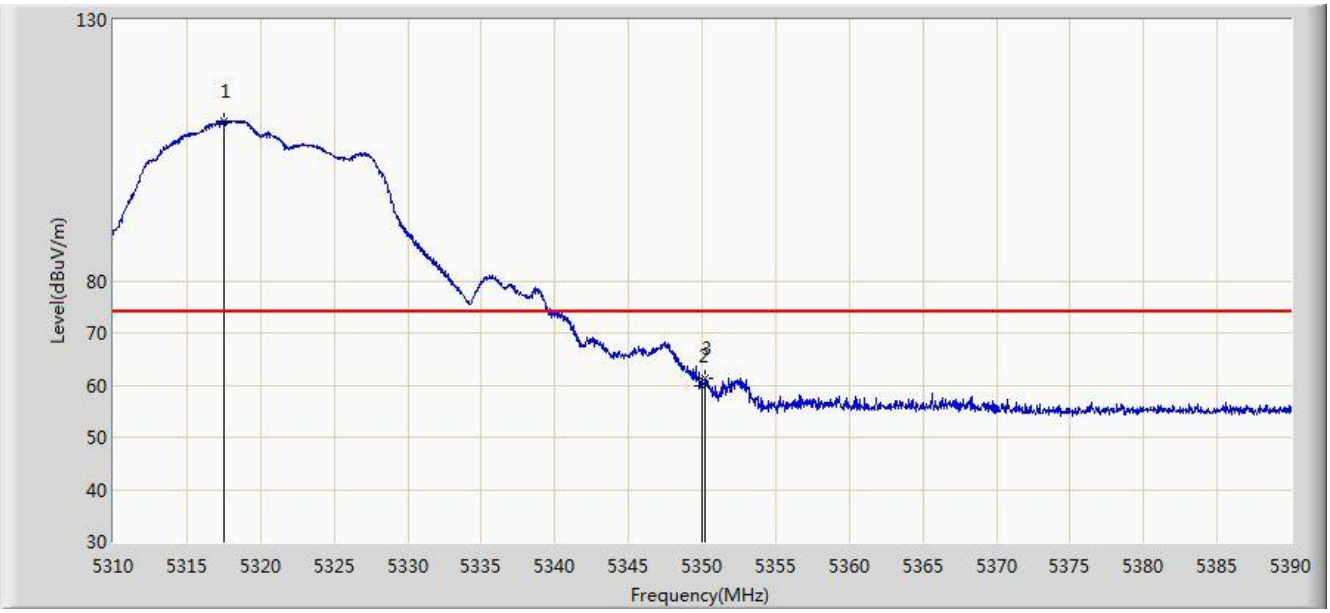
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = power average (Average)
5. Number of measurement points = 1001 (Number of points must be > 2 x span/RBW)
6. Sweep time = auto
7. Trace was averaged over at 100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

7.9.4.Test Setup



7.9.5.Test Result

Site: AC2	Time: 2017/09/13 - 19:55
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 804Mesh Dual Wi-Fi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5320MHz Ant 0 + 1 + 2 + 3	

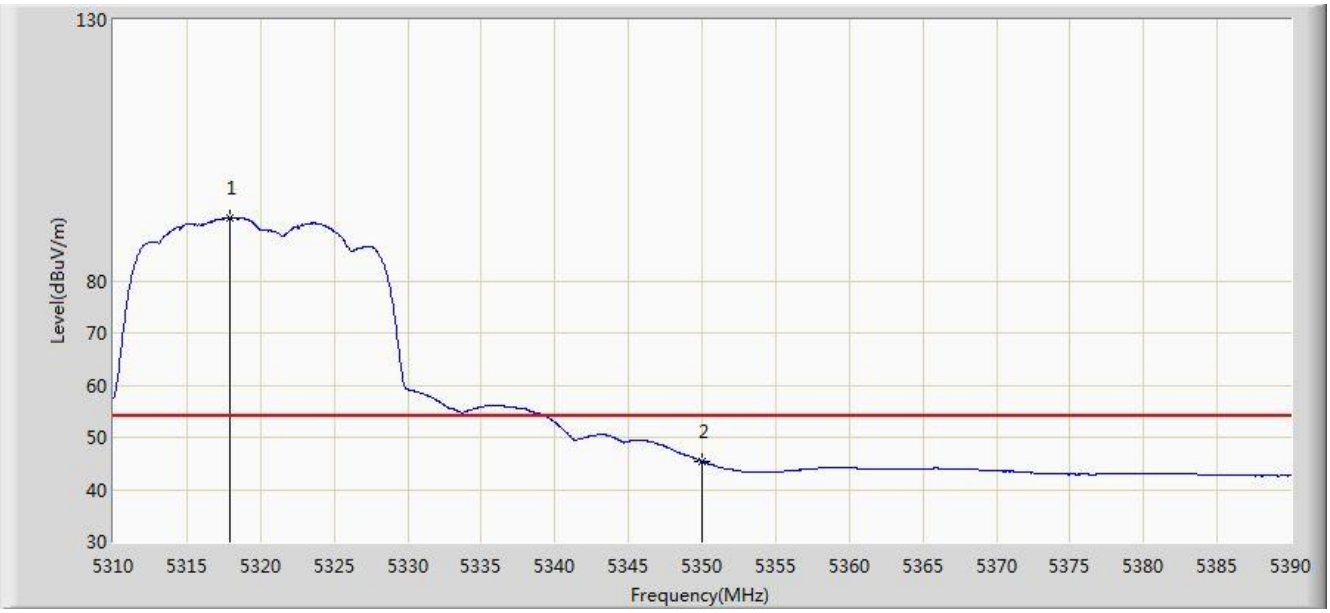


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5317.480	110.667	108.019	N/A	N/A	2.648	PK
2			5350.000	59.768	57.071	-14.232	74.000	2.697	PK
3			5350.200	61.418	58.720	-12.582	74.000	2.698	PK

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

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

Site: AC2	Time: 2017/09/13 - 19:57
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 804Mesh Dual Wi-Fi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5320MHz Ant 0 + 1 + 2 + 3	

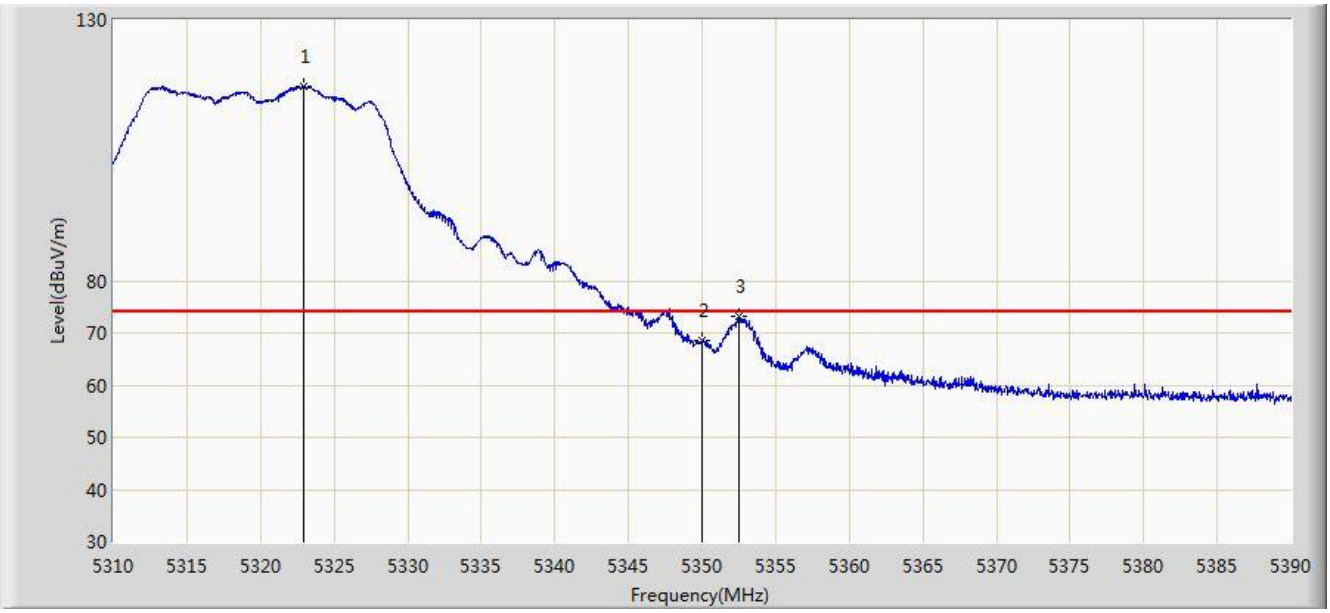


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5317.920	92.023	89.371	N/A	N/A	2.652	AV
2			5350.000	45.405	42.708	-8.595	54.000	2.697	AV

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

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

Site: AC2	Time: 2017/09/13 - 19:44
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 804Mesh Dual Wi-Fi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5320MHz Ant 0 + 1 + 2 + 3	

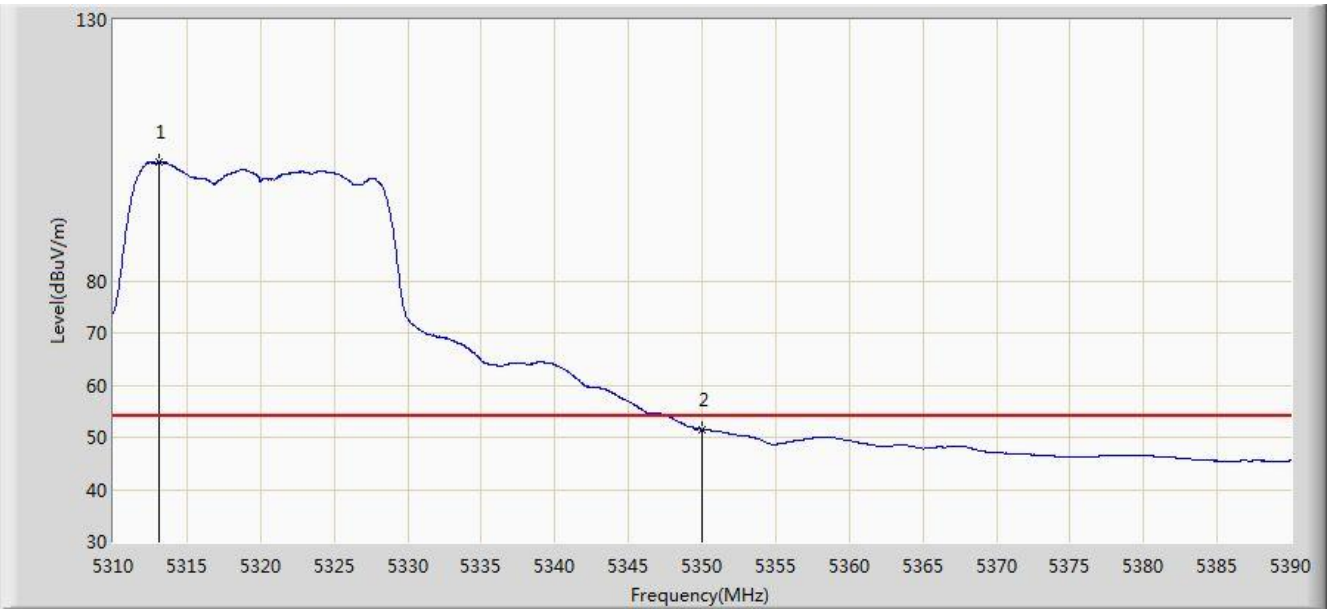


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5322.920	117.255	114.580	N/A	N/A	2.675	PK
2			5350.000	68.503	65.806	-5.497	74.000	2.697	PK
3			5352.520	73.097	70.391	-0.903	74.000	2.706	PK

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

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

Site: AC2	Time: 2017/09/13 - 19:46
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 804Mesh Dual Wi-Fi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5320MHz Ant 0 + 1 + 2 + 3	

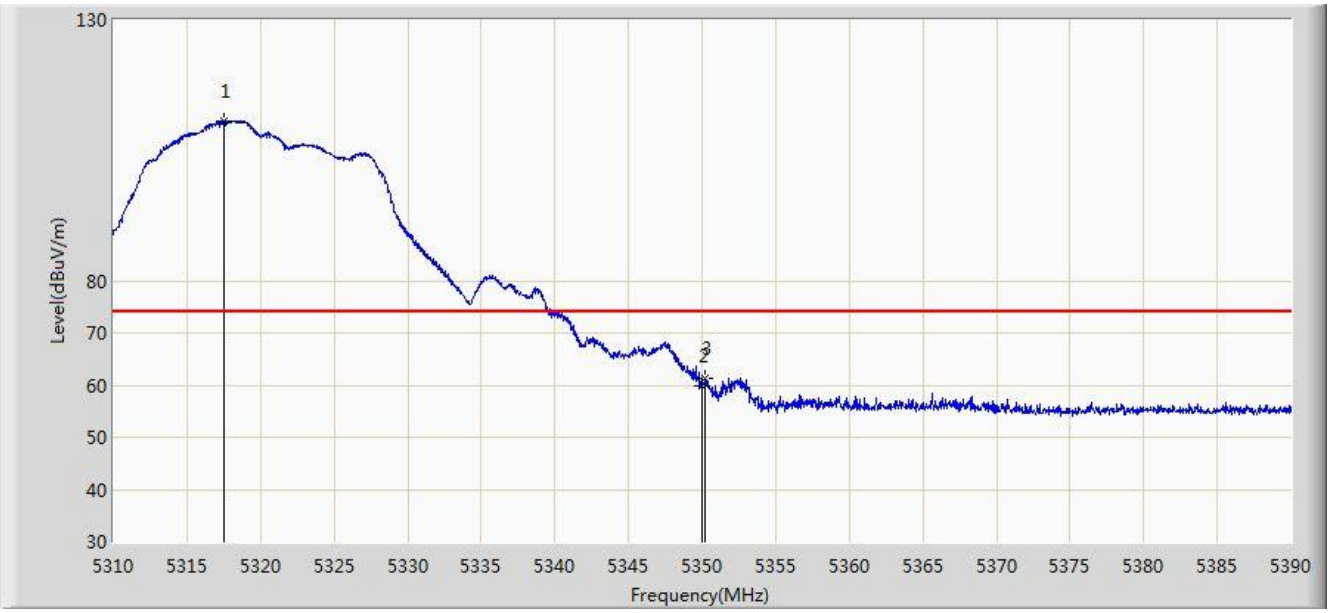


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5313.080	102.683	100.075	N/A	N/A	2.609	AV
2			5350.000	51.526	48.829	-2.474	54.000	2.697	AV

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

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

Site: AC2	Time: 2017/09/13 - 19:55
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 804Mesh Dual Wi-Fi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5320MHz Ant 0 + 1 + 2 + 3	

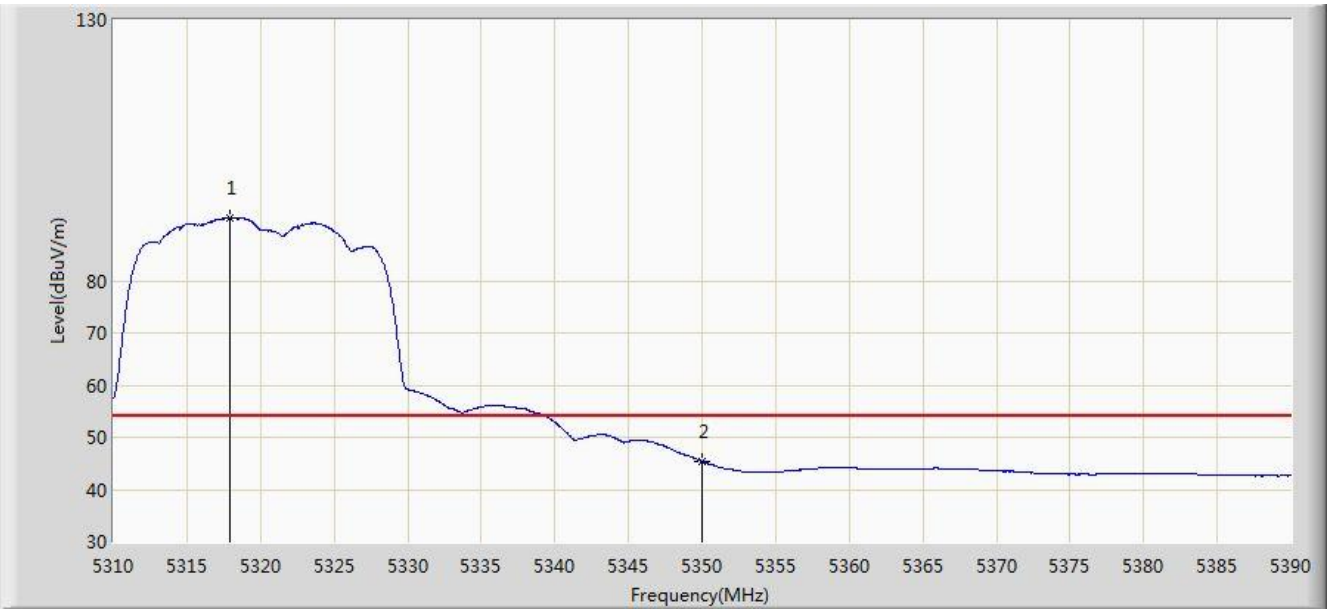


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	● Factor (dB)	Type
1		*	5317.480	110.667	108.019	N/A	N/A	2.648	PK
2			5350.000	59.768	57.071	-14.232	74.000	2.697	PK
3			5350.200	61.418	58.720	-12.582	74.000	2.698	PK

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

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

Site: AC2	Time: 2017/09/13 - 19:57
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 804Mesh Dual Wi-Fi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5320MHz Ant 0 + 1 + 2 + 3	

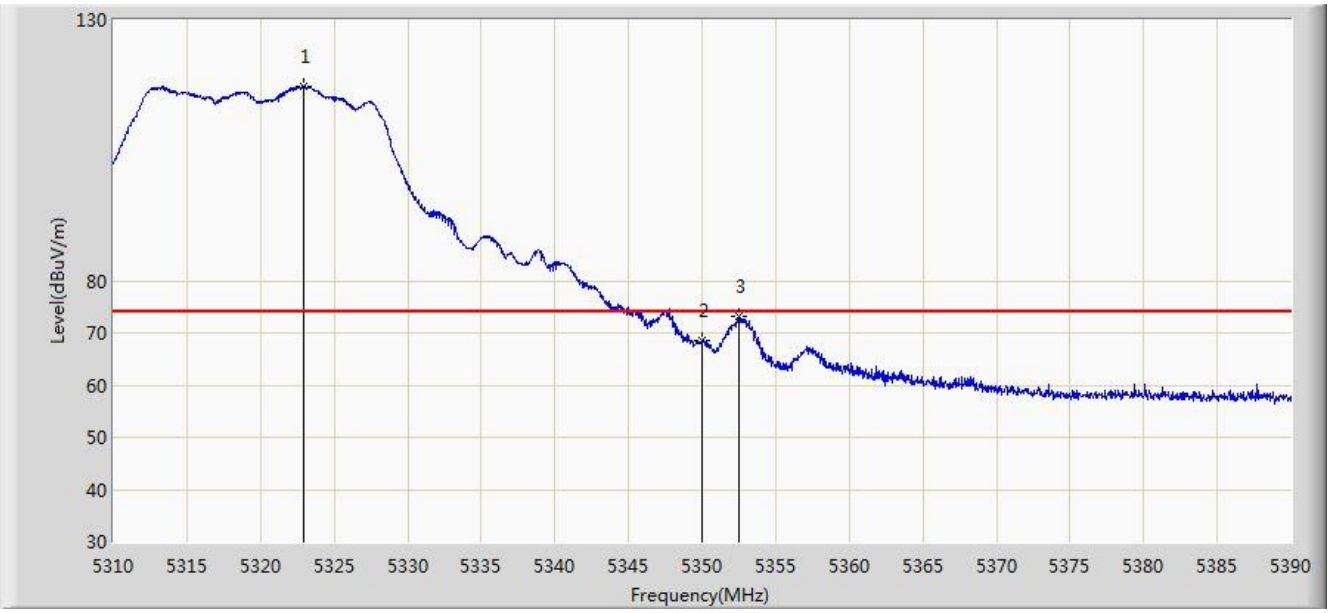


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5317.920	92.023	89.371	N/A	N/A	2.652	AV
2			5350.000	45.405	42.708	-8.595	54.000	2.697	AV

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

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

Site: AC2	Time: 2017/09/13 - 19:44
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 804Mesh Dual Wi-Fi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5320MHz Ant 0 + 1 + 2 + 3	

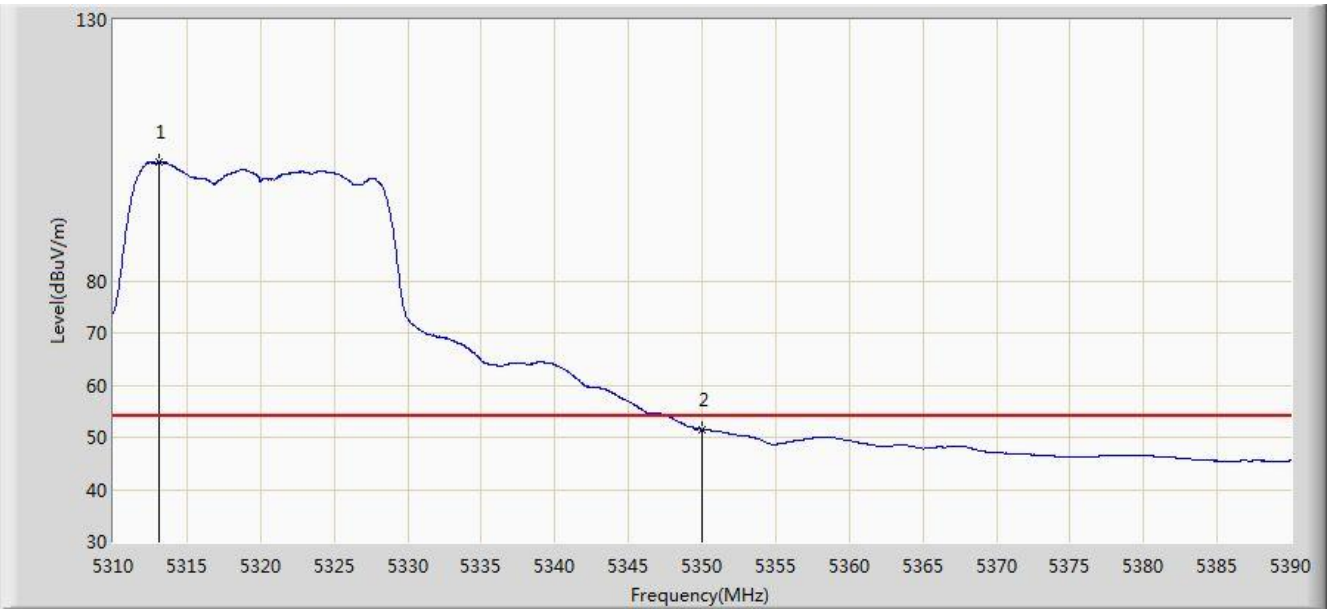


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5322.920	117.255	114.580	N/A	N/A	2.675	PK
2			5350.000	68.503	65.806	-5.497	74.000	2.697	PK
3			5352.520	73.097	70.391	-0.903	74.000	2.706	PK

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

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

Site: AC2	Time: 2017/09/13 - 19:46
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 804Mesh Dual Wi-Fi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5320MHz Ant 0 + 1 + 2 + 3	

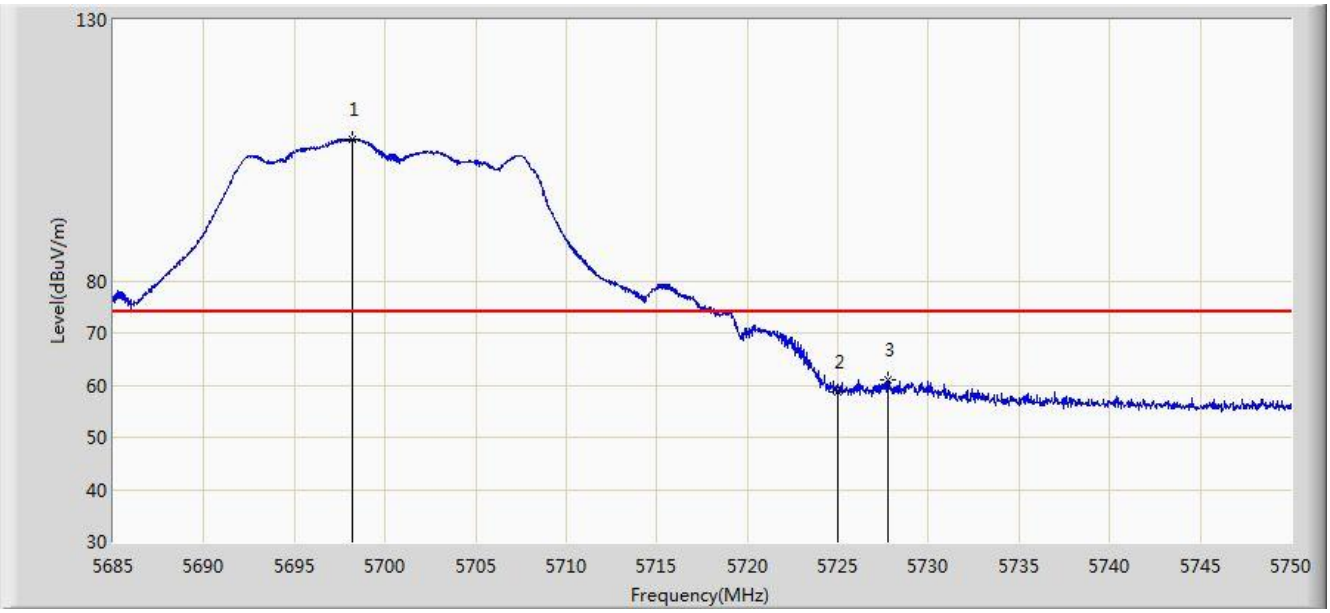


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5313.080	102.683	100.075	N/A	N/A	2.609	AV
2			5350.000	51.526	48.829	-2.474	54.000	2.697	AV

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

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

Site: AC2	Time: 2017/09/13 - 20:30
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 804Mesh Dual Wi-Fi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5700MHz Ant 0 + 1 + 2 + 3	

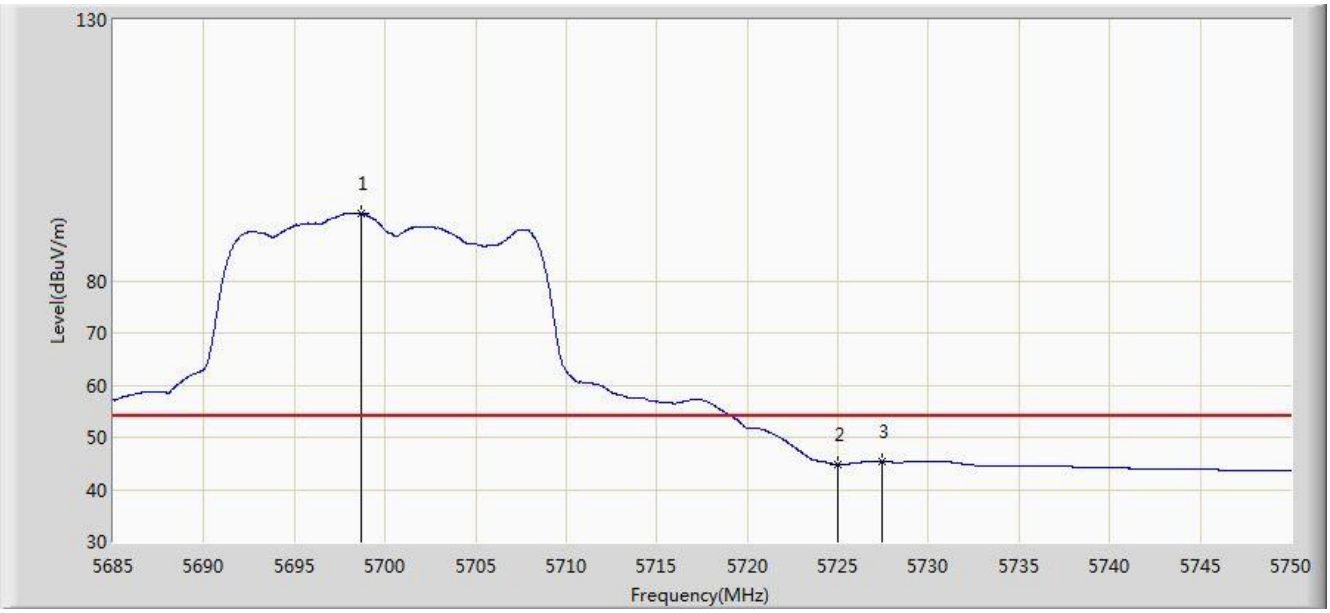


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5698.195	107.191	103.232	N/A	N/A	3.960	PK
2			5725.000	58.836	54.730	-15.164	74.000	4.105	PK
3			5727.770	60.942	56.767	-13.058	74.000	4.176	PK

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

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

Site: AC2	Time: 2017/09/13 - 20:31
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 804Mesh Dual Wi-Fi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5700MHz Ant 0 + 1 + 2 + 3	

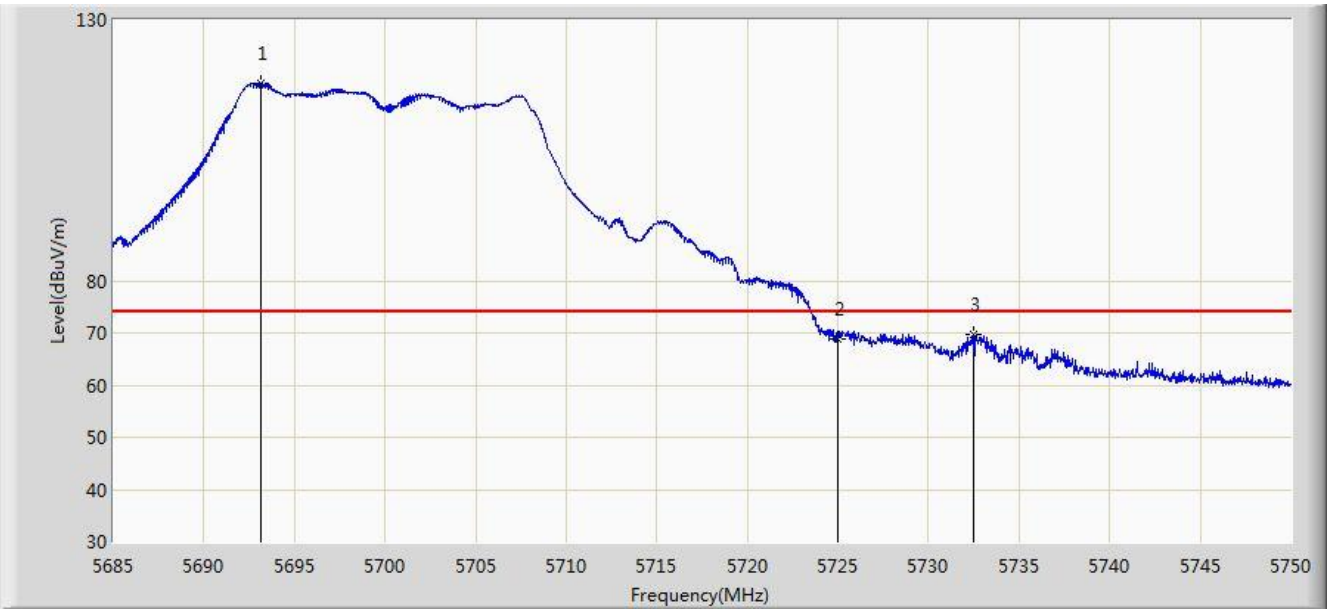


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5698.715	92.915	88.961	N/A	N/A	3.955	AV
2			5725.000	44.712	40.606	-9.288	54.000	4.105	AV
3			5727.413	45.407	41.241	-8.593	54.000	4.165	AV

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

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

Site: AC2	Time: 2017/09/13 - 20:29
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 804Mesh Dual Wi-Fi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5700MHz Ant 0 + 1 + 2 + 3	

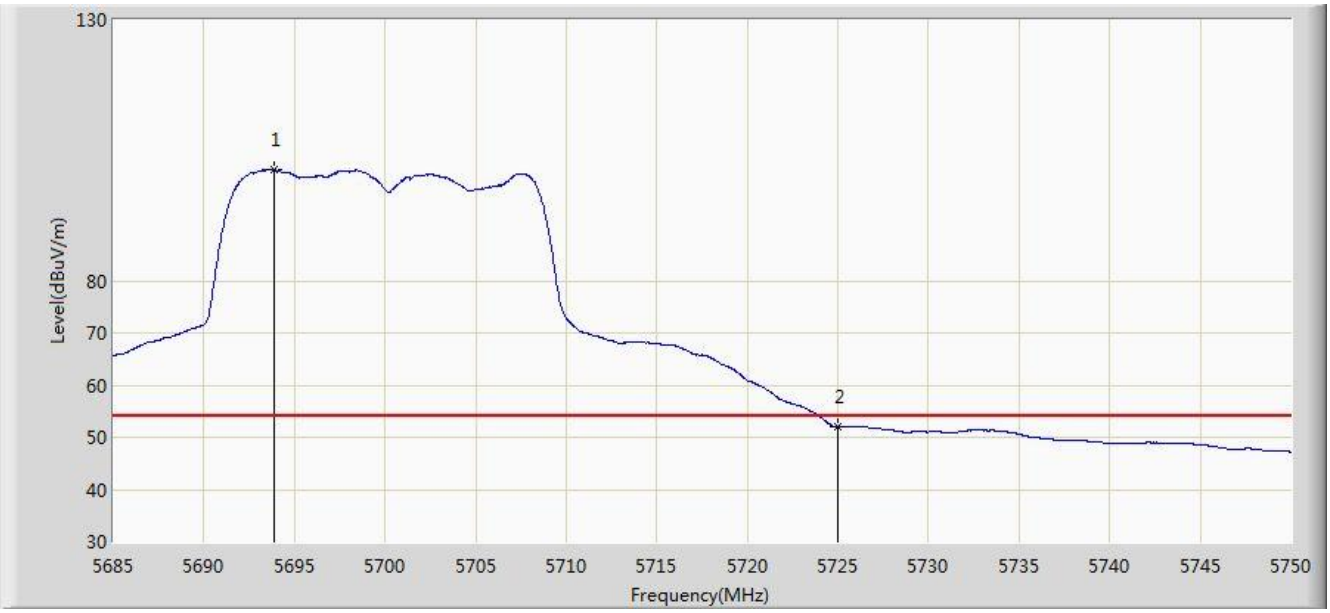


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5693.158	117.774	113.765	N/A	N/A	4.008	PK
2			5725.000	68.939	64.833	-5.061	74.000	4.105	PK
3			5732.450	69.645	65.352	-4.355	74.000	4.293	PK

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

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

Site: AC2	Time: 2017/09/13 - 20:26
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 804Mesh Dual Wi-Fi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5700MHz Ant 0 + 1 + 2 + 3	

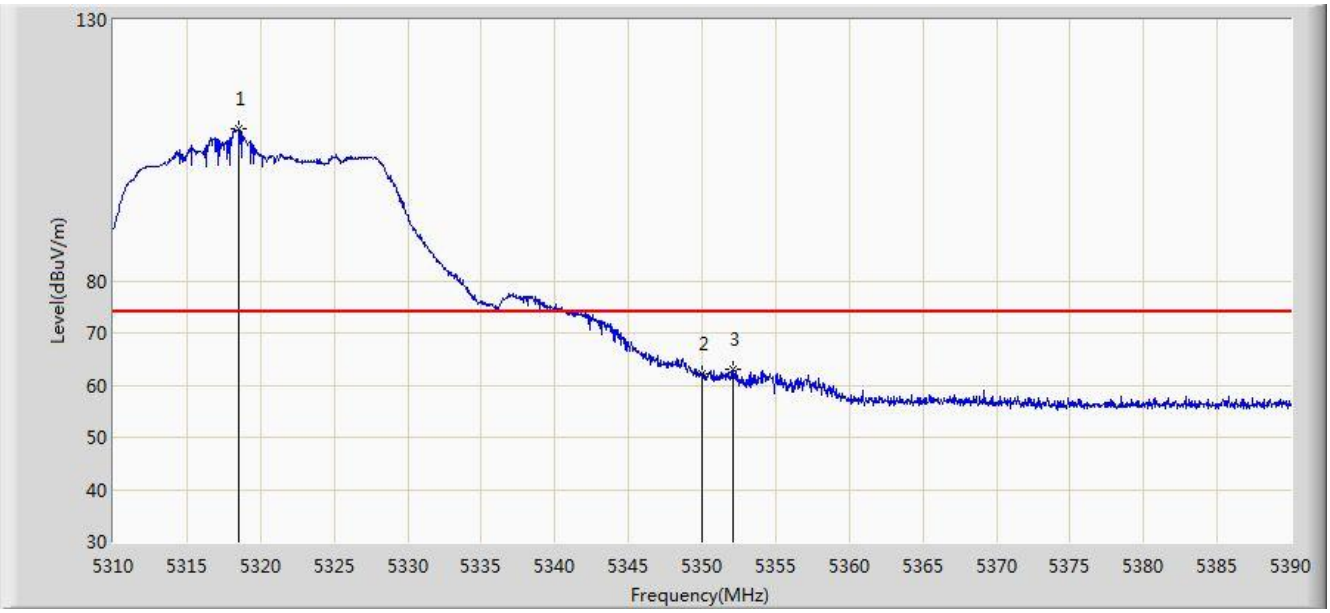


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5693.873	101.274	97.272	N/A	N/A	4.002	AV
2			5725.000	51.927	47.821	-2.073	54.000	4.105	AV

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

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

Site: AC2	Time: 2017/09/13 - 21:18
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 804Mesh Dual Wi-Fi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5320MHz Ant 0 + 1 + 2 + 3	

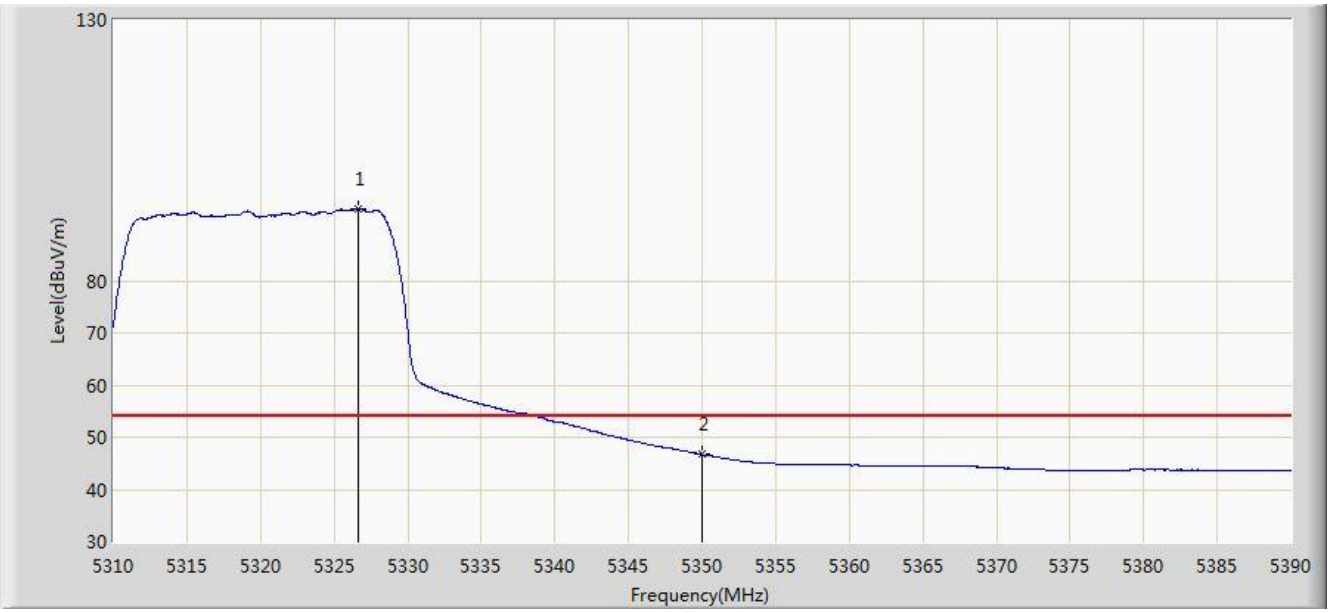


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5318.560	109.166	106.511	N/A	N/A	2.656	PK
2			5350.000	62.194	59.497	-11.806	74.000	2.697	PK
3			5352.080	62.993	60.288	-11.007	74.000	2.705	PK

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

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

Site: AC2	Time: 2017/09/13 - 21:21
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 804Mesh Dual Wi-Fi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5320MHz Ant 0 + 1 + 2 + 3	

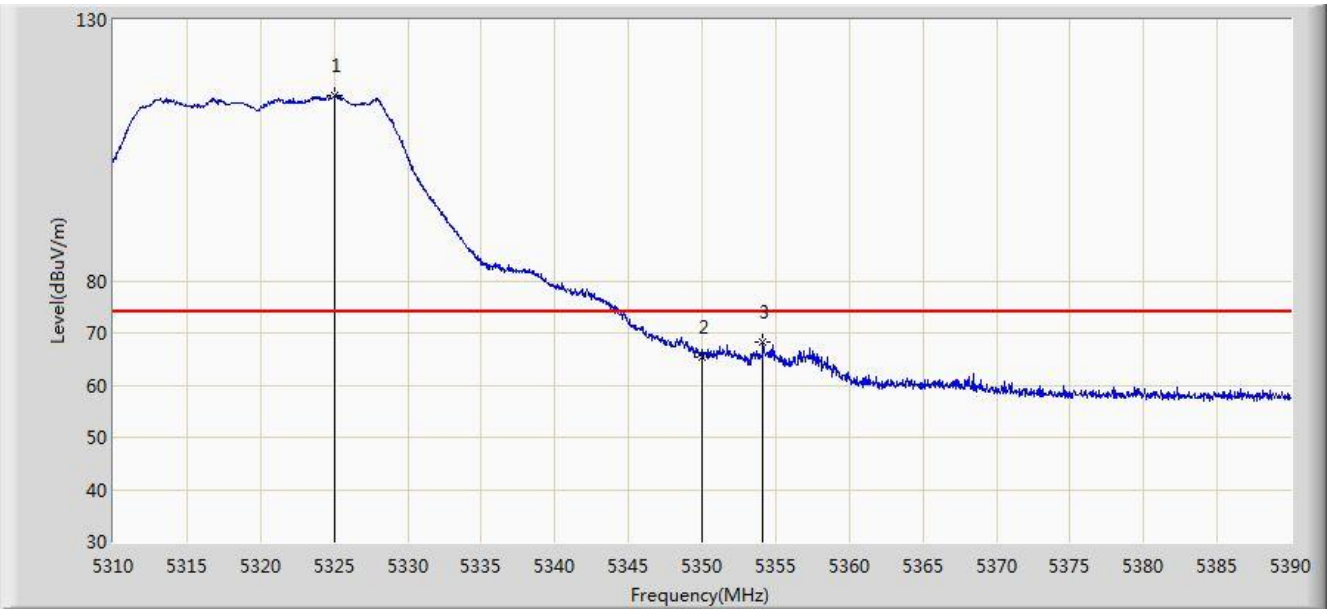


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5326.600	93.876	91.185	N/A	N/A	2.692	AV
2			5350.000	46.693	43.996	-7.307	54.000	2.697	AV

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

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

Site: AC2	Time: 2017/09/13 - 21:17
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 804Mesh Dual Wi-Fi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5320MHz Ant 0 + 1 + 2 + 3	

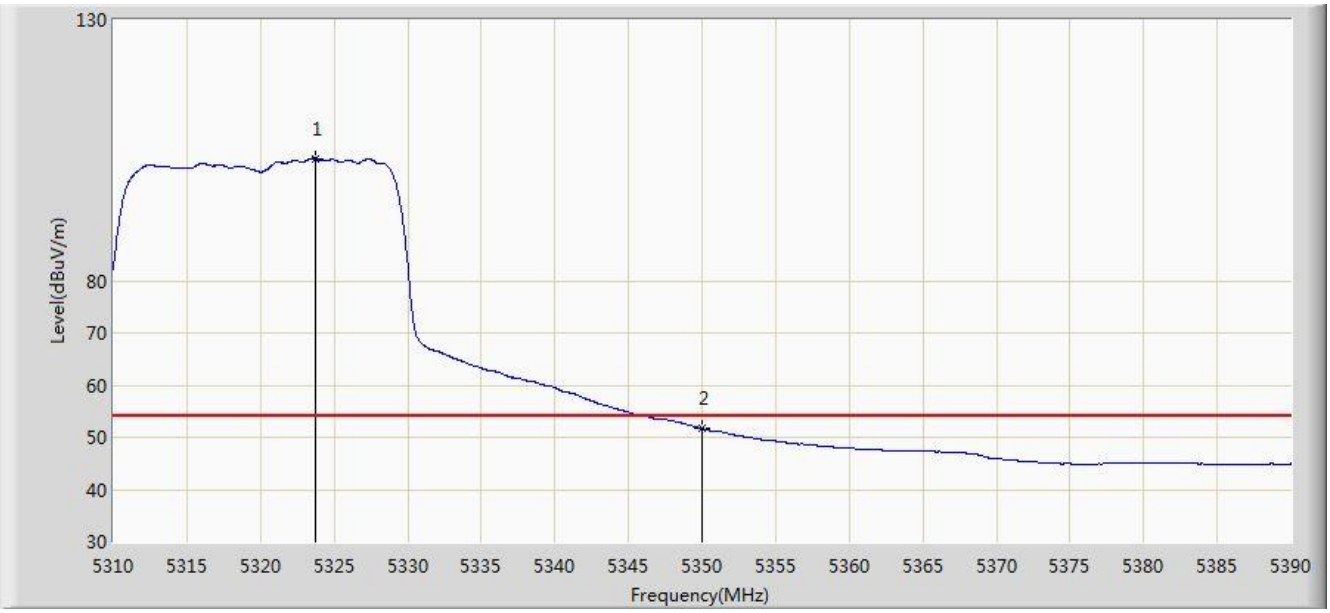


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5325.080	115.592	112.908	N/A	N/A	2.685	PK
2			5350.000	65.340	62.643	-8.660	74.000	2.697	PK
3			5354.160	68.224	65.515	-5.776	74.000	2.710	PK

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

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

Site: AC2	Time: 2017/09/13 - 21:12
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 804Mesh Dual Wi-Fi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5320MHz Ant 0 + 1 + 2 + 3	

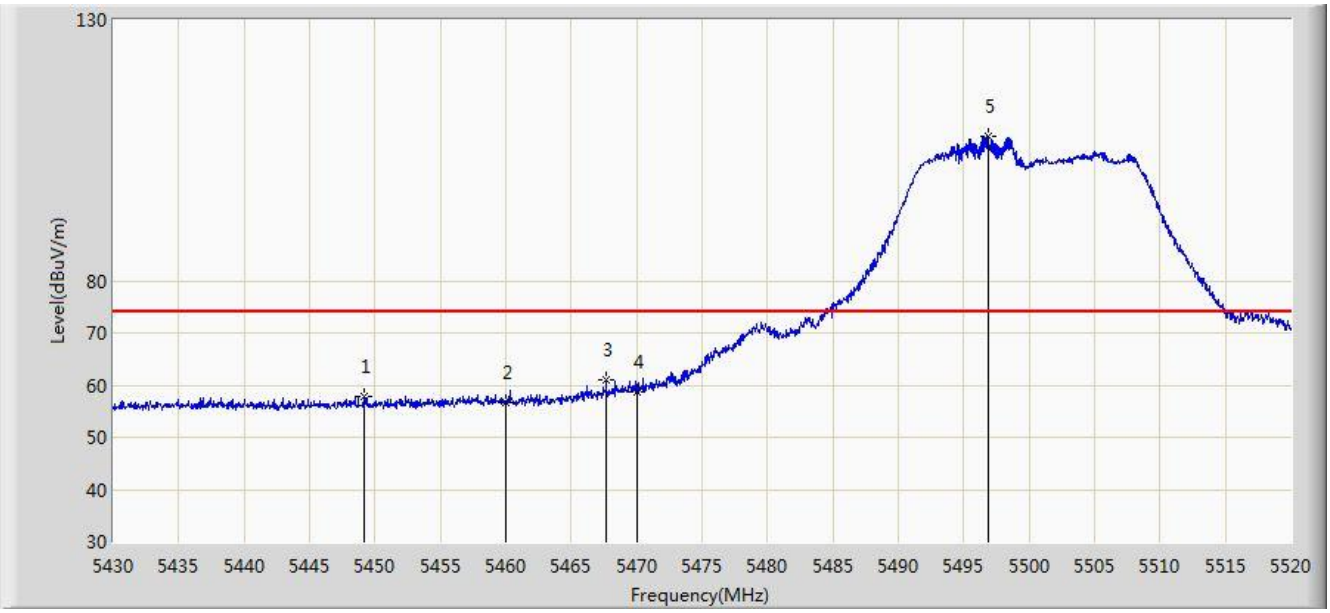


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5323.760	103.459	100.780	N/A	N/A	2.679	AV
2			5350.000	51.632	48.935	-2.368	54.000	2.697	AV

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

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

Site: AC2	Time: 2017/09/13 - 22:14
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 804Mesh Dual Wi-Fi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5500MHz Ant 0 + 1 + 2 + 3	

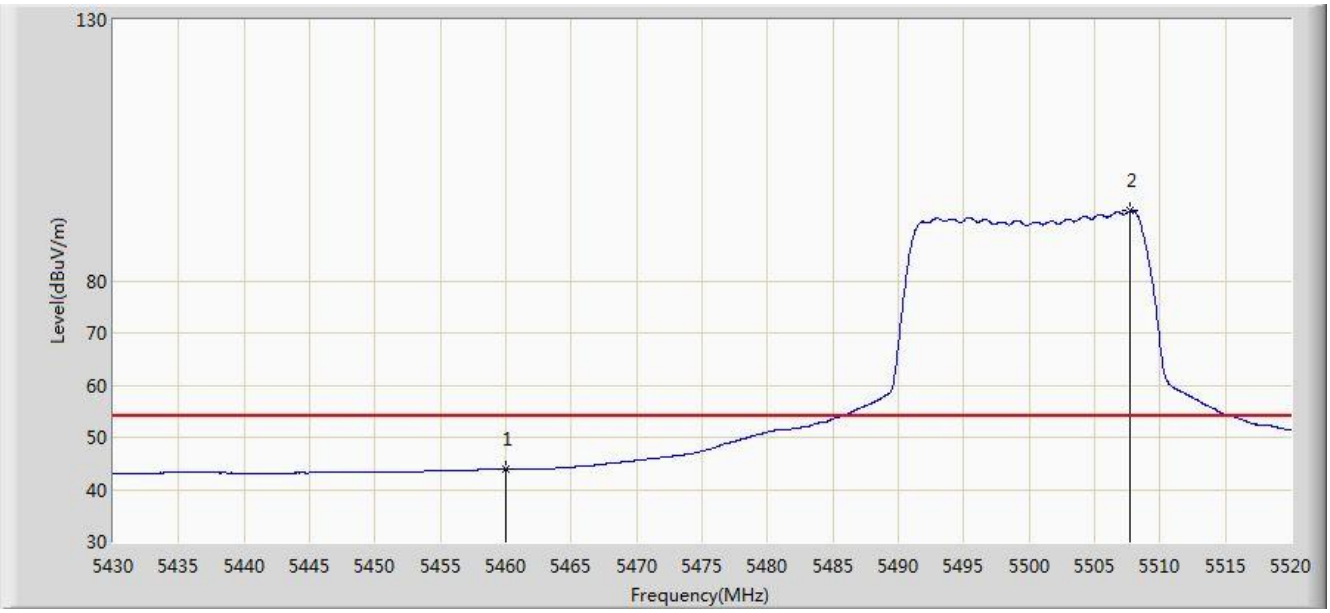


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5449.125	57.755	54.727	-16.245	74.000	3.029	PK
2			5460.000	56.751	53.558	-17.249	74.000	3.194	PK
3			5467.665	60.878	57.427	-13.122	74.000	3.451	PK
4			5470.000	58.687	55.158	-15.313	74.000	3.529	PK
5		*	5496.870	107.621	104.478	N/A	N/A	3.143	PK

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

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

Site: AC2	Time: 2017/09/13 - 22:16
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 804Mesh Dual Wi-Fi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5500MHz Ant 0 + 1 + 2 + 3	

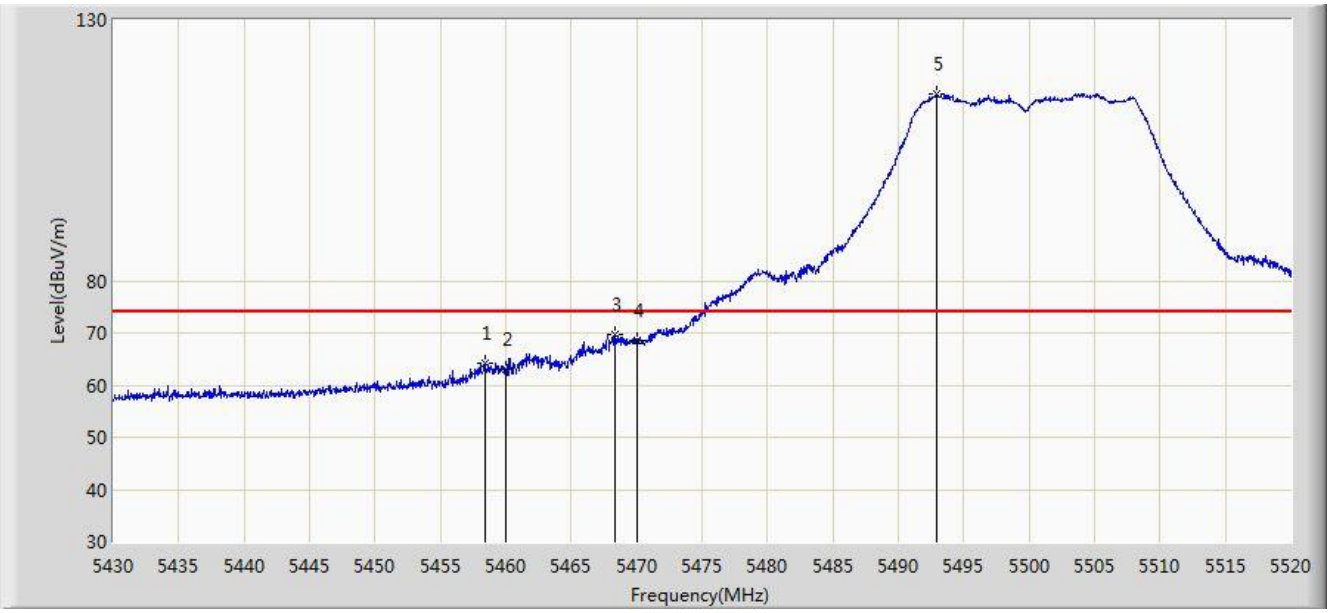


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	43.820	40.627	-10.180	54.000	3.194	AV
2		*	5507.760	93.398	90.265	N/A	N/A	3.134	AV

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

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

Site: AC2	Time: 2017/09/13 - 21:41
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 804Mesh Dual Wi-Fi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5500MHz Ant 0 + 1 + 2 + 3	

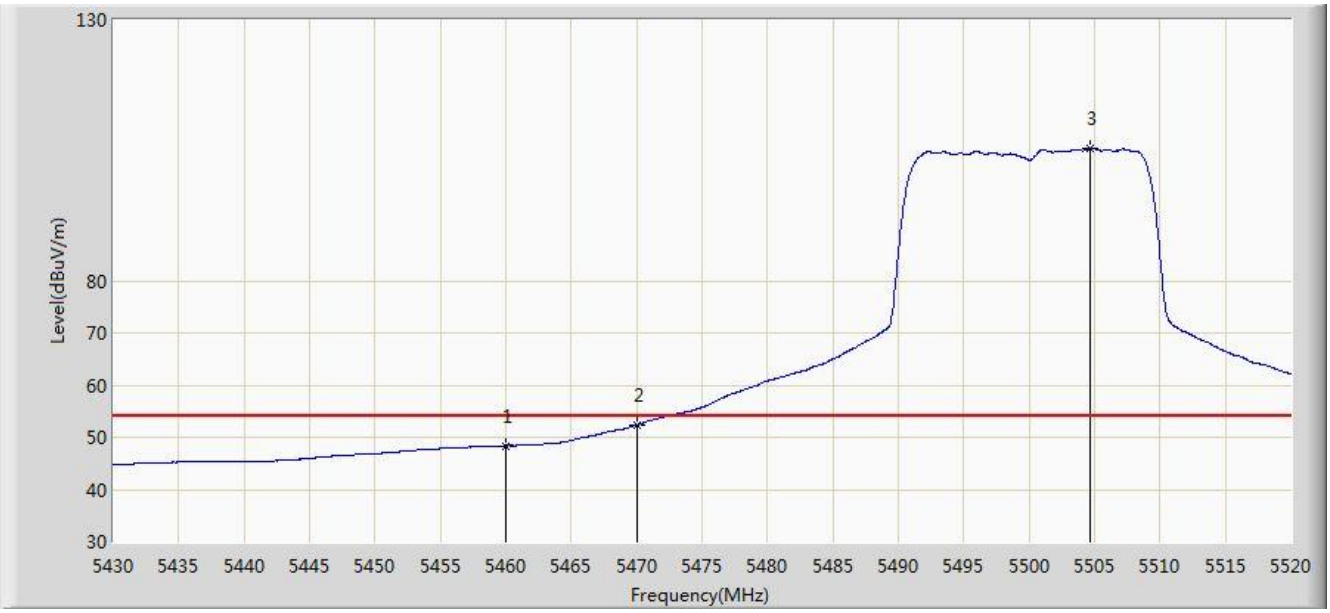


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5458.395	64.250	61.111	-9.750	74.000	3.139	PK
2			5460.000	62.999	59.806	-11.001	74.000	3.194	PK
3			5468.385	69.687	66.212	-4.313	74.000	3.476	PK
4			5470.000	68.428	64.899	-5.572	74.000	3.529	PK
5		*	5492.955	115.842	112.661	N/A	N/A	3.180	PK

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

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

Site: AC2	Time: 2017/09/13 - 22:13
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 804Mesh Dual Wi-Fi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5500MHz Ant 0 + 1 + 2 + 3	

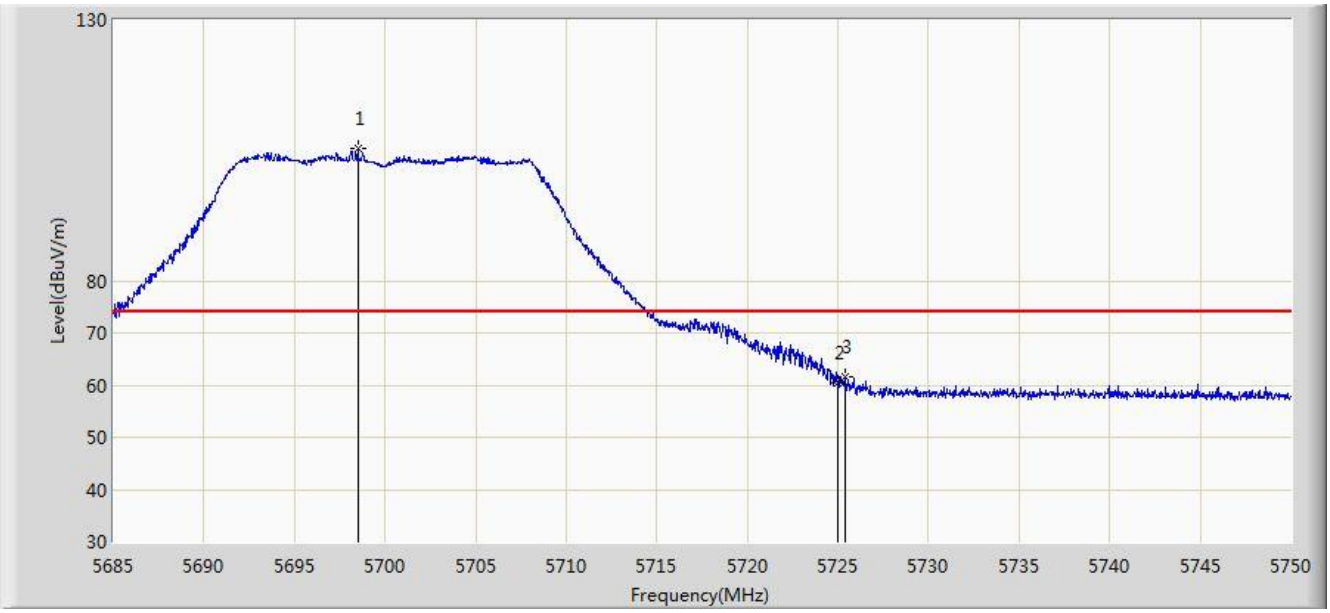


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	48.402	45.209	-5.598	54.000	3.194	AV
2			5470.000	52.401	48.872	-1.599	54.000	3.529	AV
3		*	5504.610	105.410	102.340	N/A	N/A	3.069	AV

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

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

Site: AC2	Time: 2017/09/13 - 22:30
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 804Mesh Dual Wi-Fi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5700MHz Ant 0 + 1 + 2 + 3	

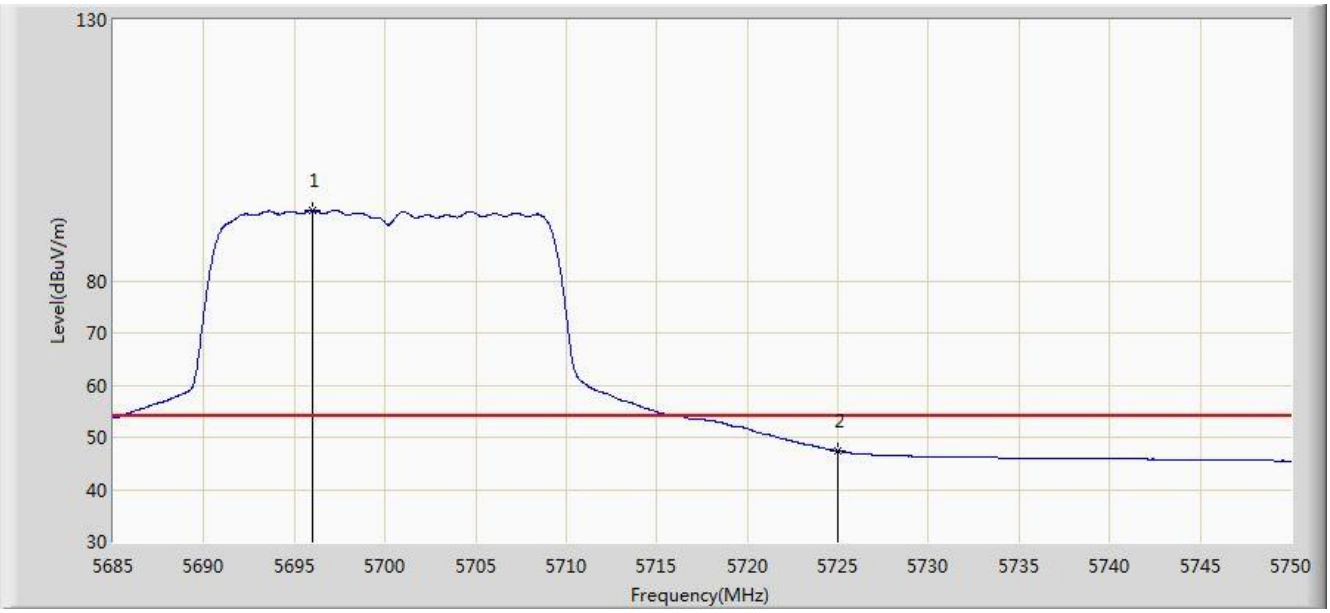


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5698.487	105.414	101.458	N/A	N/A	3.956	PK
2			5725.000	60.405	56.299	-13.595	74.000	4.105	PK
3			5725.365	61.640	57.525	-12.360	74.000	4.115	PK

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

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

Site: AC2	Time: 2017/09/13 - 22:31
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 804Mesh Dual Wi-Fi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5700MHz Ant 0 + 1 + 2 + 3	

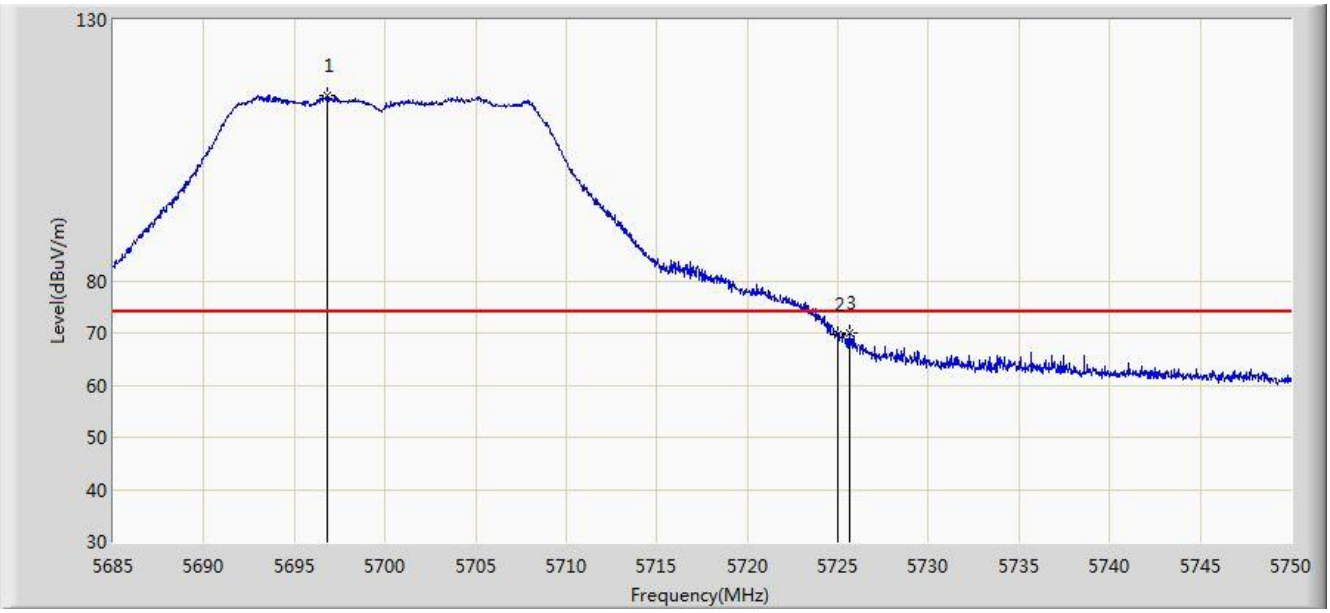


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5695.985	93.419	89.438	N/A	N/A	3.981	AV
2			5725.000	47.402	43.296	-6.598	54.000	4.105	AV

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

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

Site: AC2	Time: 2017/09/13 - 22:27
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 804Mesh Dual Wi-Fi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5700MHz Ant 0 + 1 + 2 + 3	

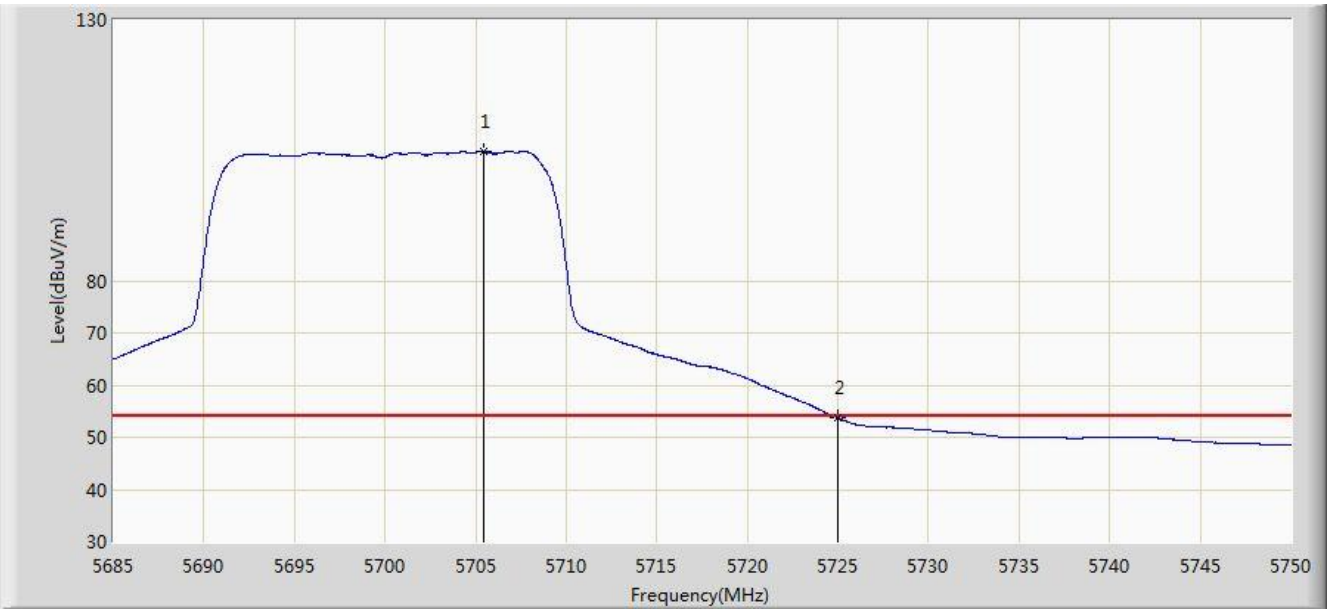


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5696.797	115.465	111.491	N/A	N/A	3.973	PK
2			5725.000	69.736	65.630	-4.264	74.000	4.105	PK
3			5725.625	70.089	65.968	-3.911	74.000	4.120	PK

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

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

Site: AC2	Time: 2017/09/13 - 22:24
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 804Mesh Dual Wi-Fi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5700MHz Ant 0 + 1 + 2 + 3	

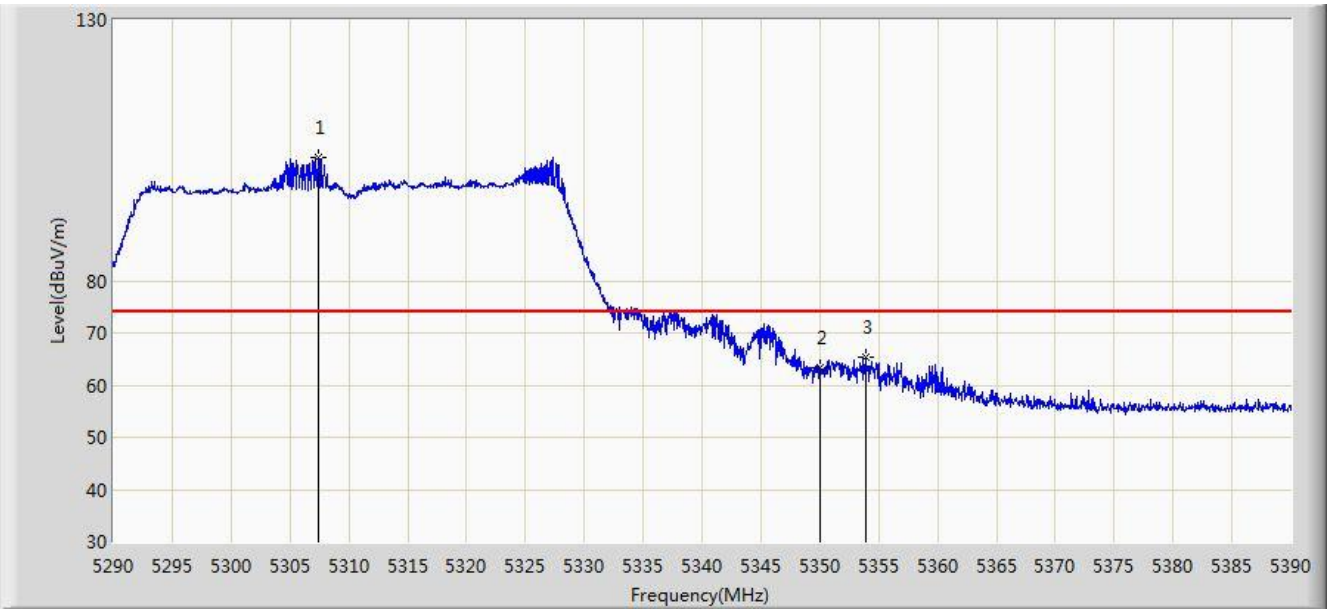


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5705.475	104.802	100.917	N/A	N/A	3.886	AV
2			5725.000	53.721	49.615	-0.279	54.000	4.105	AV

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

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

Site: AC2	Time: 2017/09/13 - 23:06
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 804Mesh Dual Wi-Fi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5310MHz Ant 0 + 1 + 2 + 3	

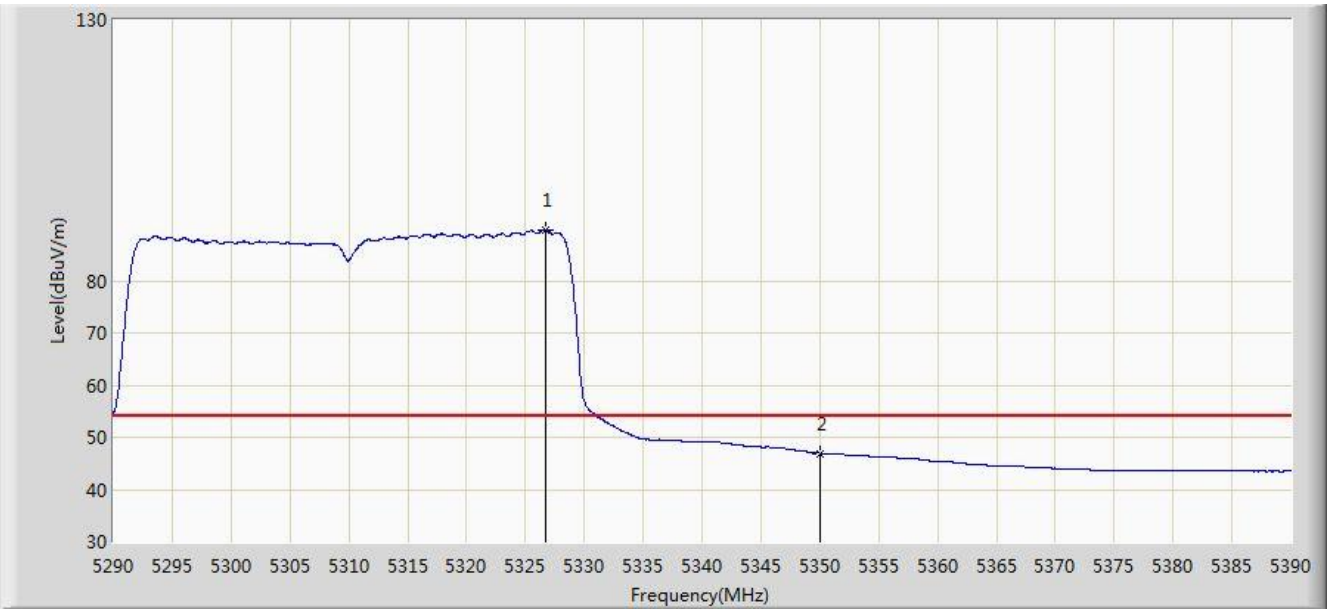


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5307.400	103.616	101.006	N/A	N/A	2.609	PK
2			5350.000	63.354	60.657	-10.646	74.000	2.697	PK
3			5353.850	65.501	62.792	-8.499	74.000	2.709	PK

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

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

Site: AC2	Time: 2017/09/13 - 23:07
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 804Mesh Dual Wi-Fi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5310MHz Ant 0 + 1 + 2 + 3	

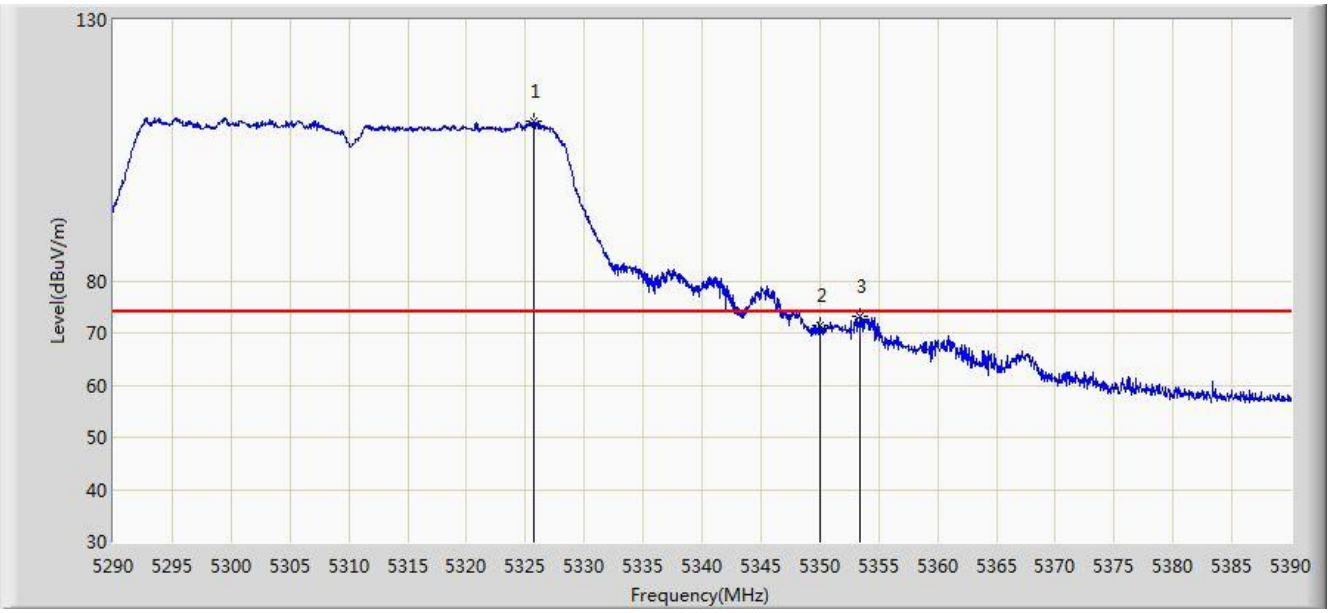


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5326.700	89.789	87.097	N/A	N/A	2.692	AV
2			5350.000	46.955	44.258	-7.045	54.000	2.697	AV

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

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

Site: AC2	Time: 2017/09/13 - 23:01
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 804Mesh Dual Wi-Fi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5310MHz Ant 0 + 1 + 2 + 3	

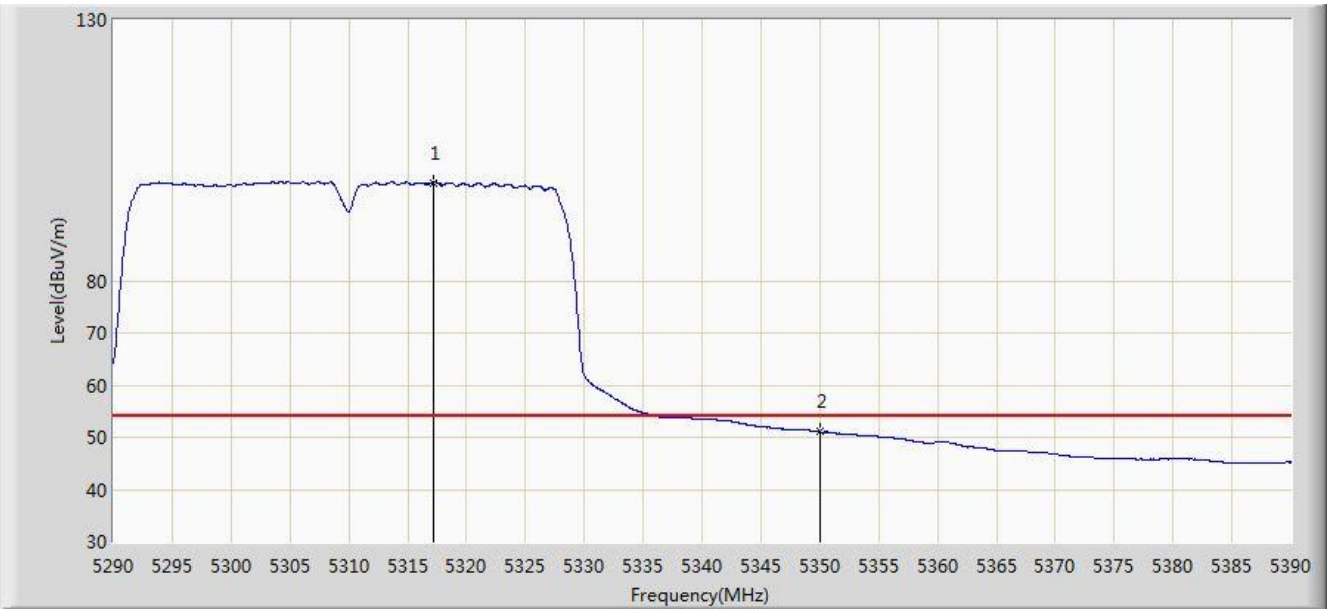


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5325.700	110.607	107.920	N/A	N/A	2.687	PK
2			5350.000	71.340	68.643	-2.660	74.000	2.697	PK
3			5353.400	73.206	70.498	-0.794	74.000	2.707	PK

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

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

Site: AC2	Time: 2017/09/13 - 23:03
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 804Mesh Dual Wi-Fi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5310MHz Ant 0 + 1 + 2 + 3	

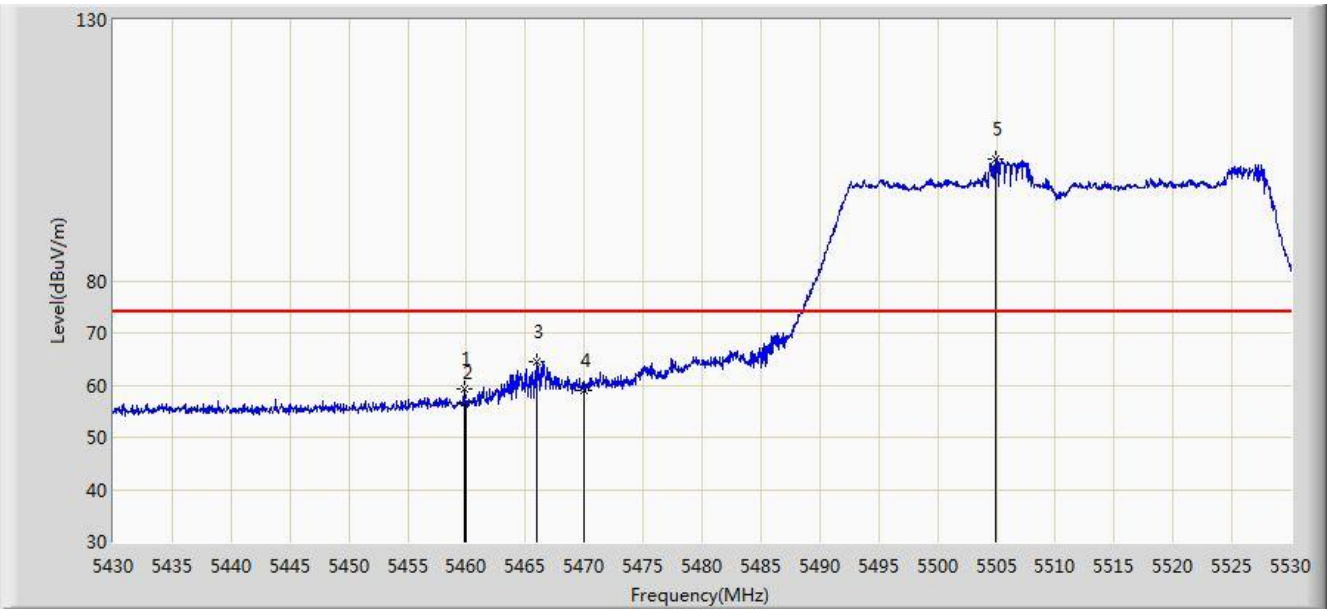


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5317.200	98.823	96.177	N/A	N/A	2.646	AV
2			5350.000	51.067	48.370	-2.933	54.000	2.697	AV

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

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

Site: AC2	Time: 2017/09/13 - 23:18
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 804Mesh Dual Wi-Fi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5510MHz Ant 0 + 1 + 2 + 3	

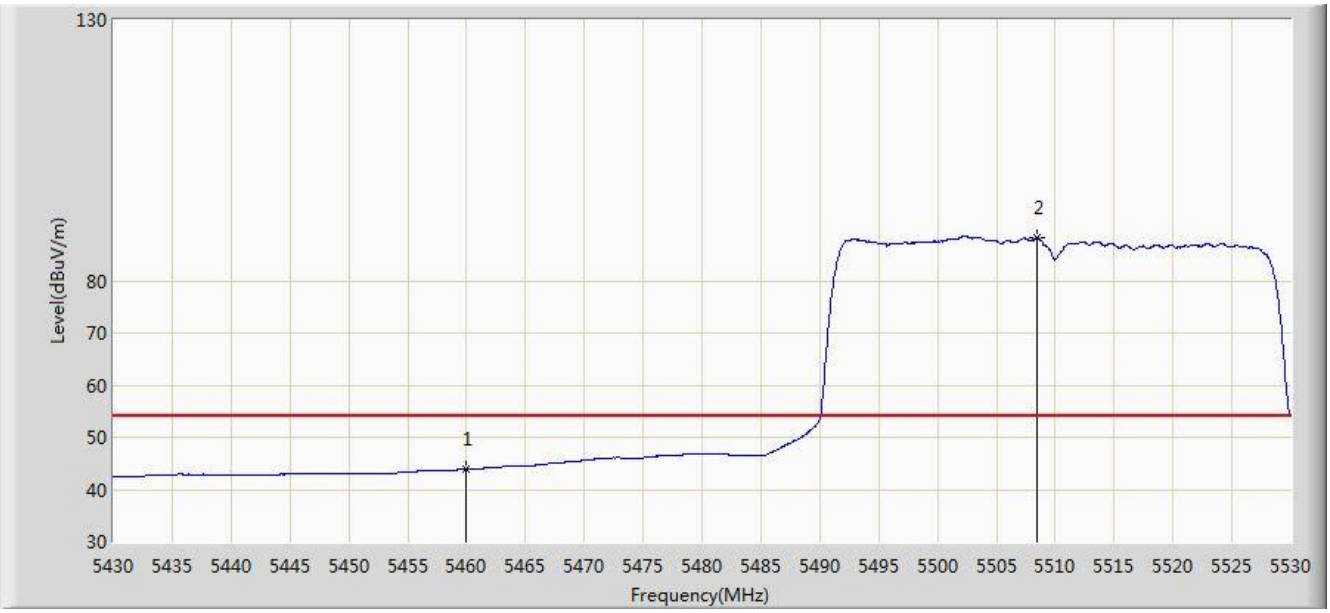


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5459.800	59.282	56.095	-14.718	74.000	3.187	PK
2			5460.000	56.580	53.387	-17.420	74.000	3.194	PK
3			5465.950	64.445	61.052	-9.555	74.000	3.393	PK
4			5470.000	59.069	55.540	-14.931	74.000	3.529	PK
5		*	5504.950	103.307	100.241	N/A	N/A	3.066	PK

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

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

Site: AC2	Time: 2017/09/13 - 23:20
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 804Mesh Dual Wi-Fi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5510MHz Ant 0 + 1 + 2 + 3	

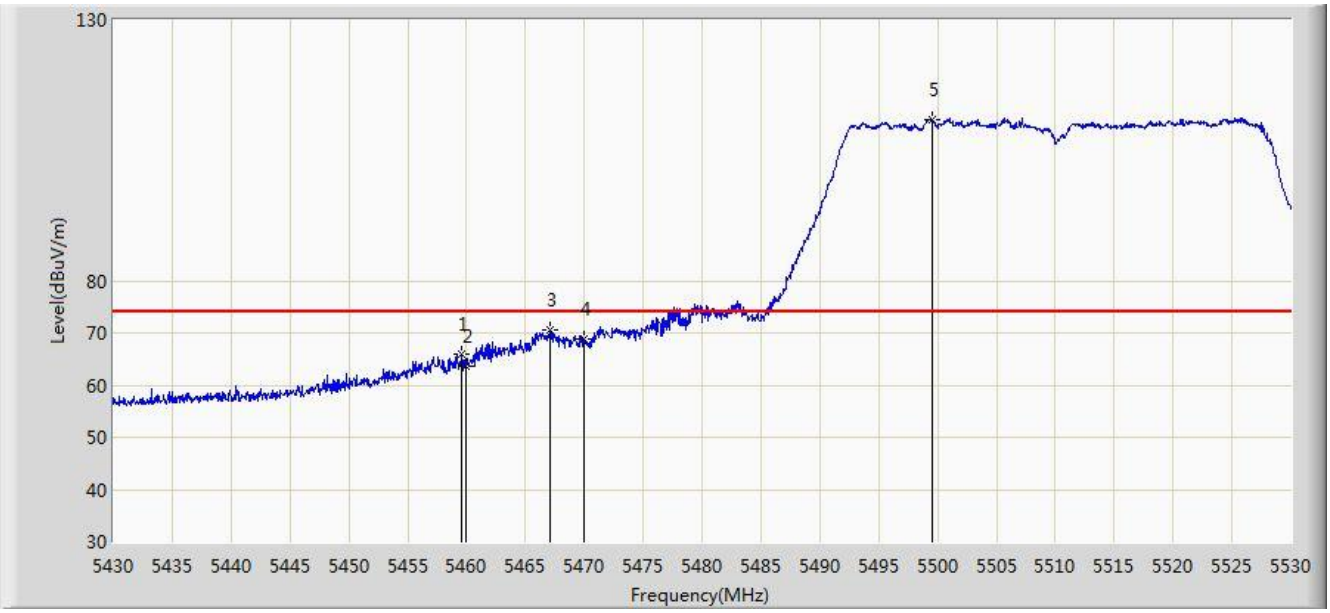


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	43.869	40.676	-10.131	54.000	3.194	AV
2		*	5508.500	88.249	85.098	N/A	N/A	3.150	AV

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

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

Site: AC2	Time: 2017/09/13 - 23:13
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 804Mesh Dual Wi-Fi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5510MHz Ant 0 + 1 + 2 + 3	

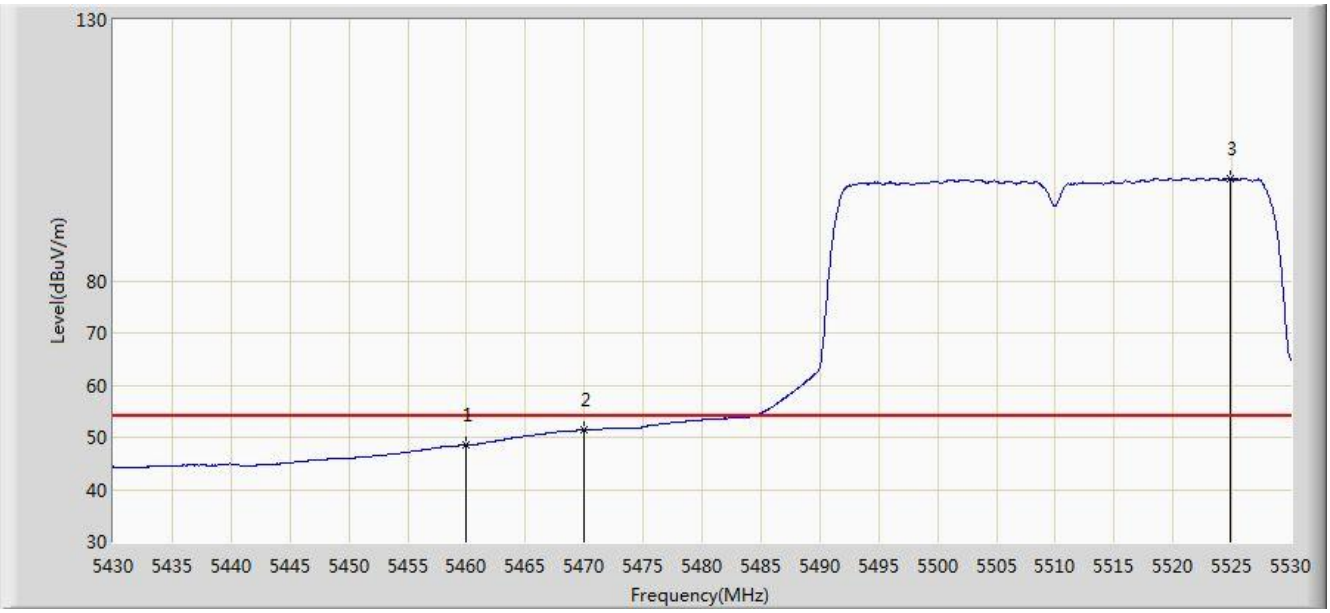


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5459.600	65.940	62.760	-8.060	74.000	3.180	PK
2			5460.000	63.611	60.418	-10.389	74.000	3.194	PK
3			5467.100	70.567	67.135	-3.433	74.000	3.432	PK
4			5470.000	68.849	65.320	-5.151	74.000	3.529	PK
5		*	5499.500	110.986	107.868	N/A	N/A	3.118	PK

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

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

Site: AC2	Time: 2017/09/13 - 23:15
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 804Mesh Dual Wi-Fi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5510MHz Ant 0 + 1 + 2 + 3	

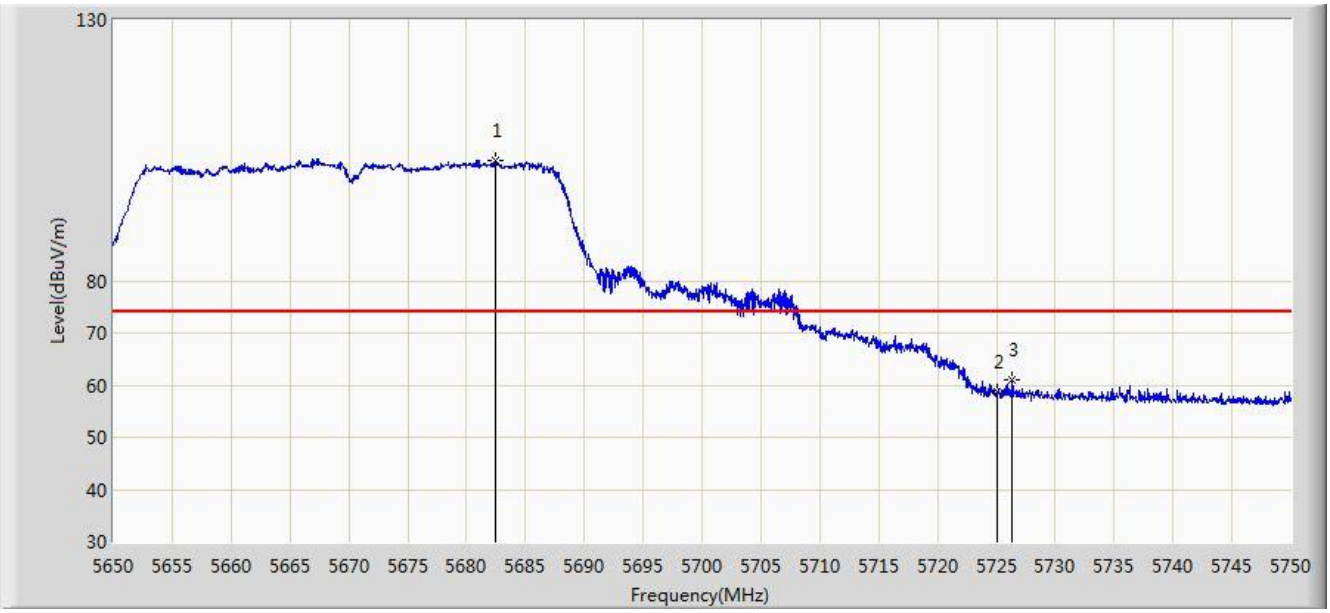


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	48.562	45.369	-5.438	54.000	3.194	AV
2			5470.000	51.464	47.935	-2.536	54.000	3.529	AV
3		*	5524.800	99.680	96.216	N/A	N/A	3.463	AV

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

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

Site: AC2	Time: 2017/09/13 - 23:32
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 804Mesh Dual Wi-Fi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5670MHz Ant 0 + 1 + 2 + 3	

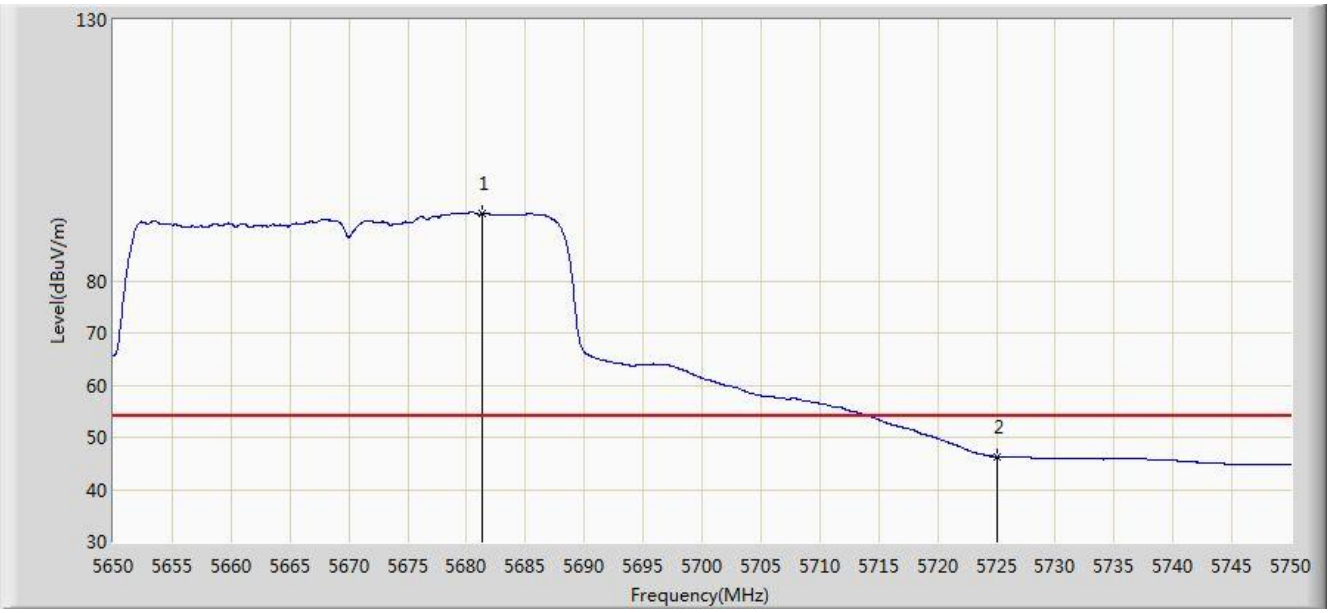


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5682.400	103.186	99.172	N/A	N/A	4.015	PK
2			5725.000	58.743	54.637	-15.257	74.000	4.105	PK
3			5726.350	60.996	56.857	-13.004	74.000	4.139	PK

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

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

Site: AC2	Time: 2017/09/13 - 23:32
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 804Mesh Dual Wi-Fi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5670MHz Ant 0 + 1 + 2 + 3	

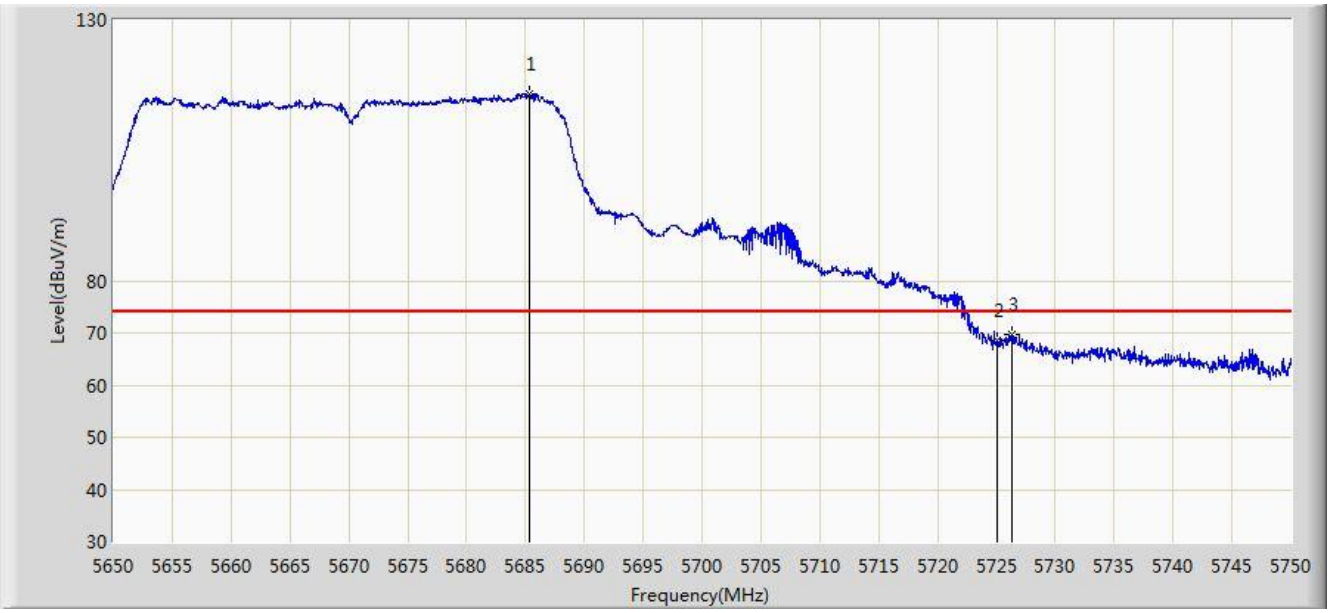


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5681.350	92.892	88.878	N/A	N/A	4.014	AV
2			5725.000	46.307	42.201	-7.693	54.000	4.105	AV

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

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

Site: AC2	Time: 2017/09/13 - 23:30
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 804Mesh Dual Wi-Fi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5670MHz Ant 0 + 1 + 2 + 3	

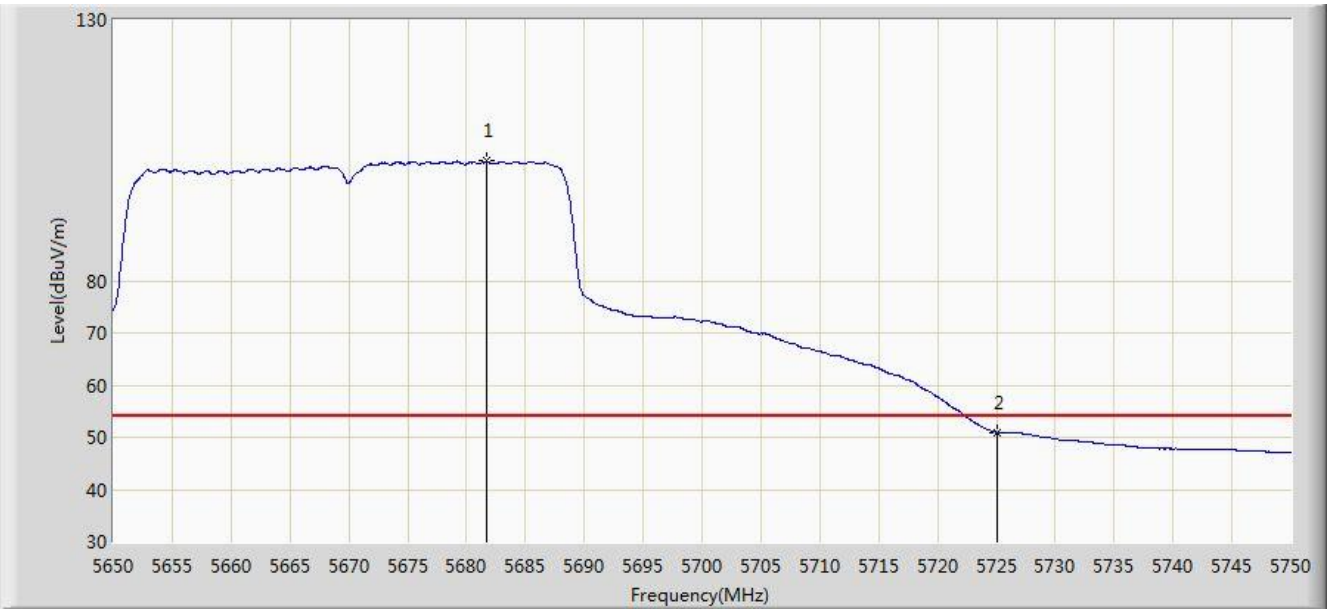


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5685.400	115.887	111.872	N/A	N/A	4.014	PK
2			5725.000	68.675	64.569	-5.325	74.000	4.105	PK
3			5726.300	69.666	65.528	-4.334	74.000	4.138	PK

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

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

Site: AC2	Time: 2017/09/13 - 23:30
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 804Mesh Dual Wi-Fi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5670MHz Ant 0 + 1 + 2 + 3	

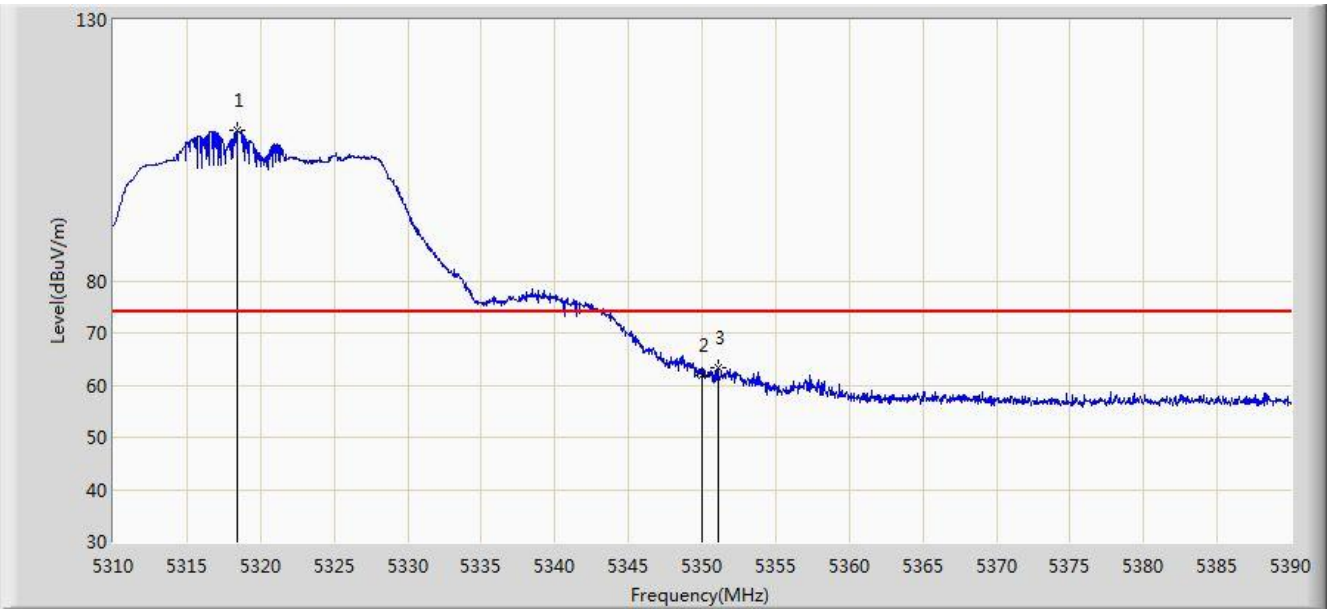


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5681.650	102.915	98.901	N/A	N/A	4.014	AV
2			5725.000	50.988	46.882	-3.012	54.000	4.105	AV

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

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

Site: AC2	Time: 2017/09/14 - 00:35
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 804Mesh Dual Wi-Fi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5320MHz Ant 0 + 1 + 2 + 3	

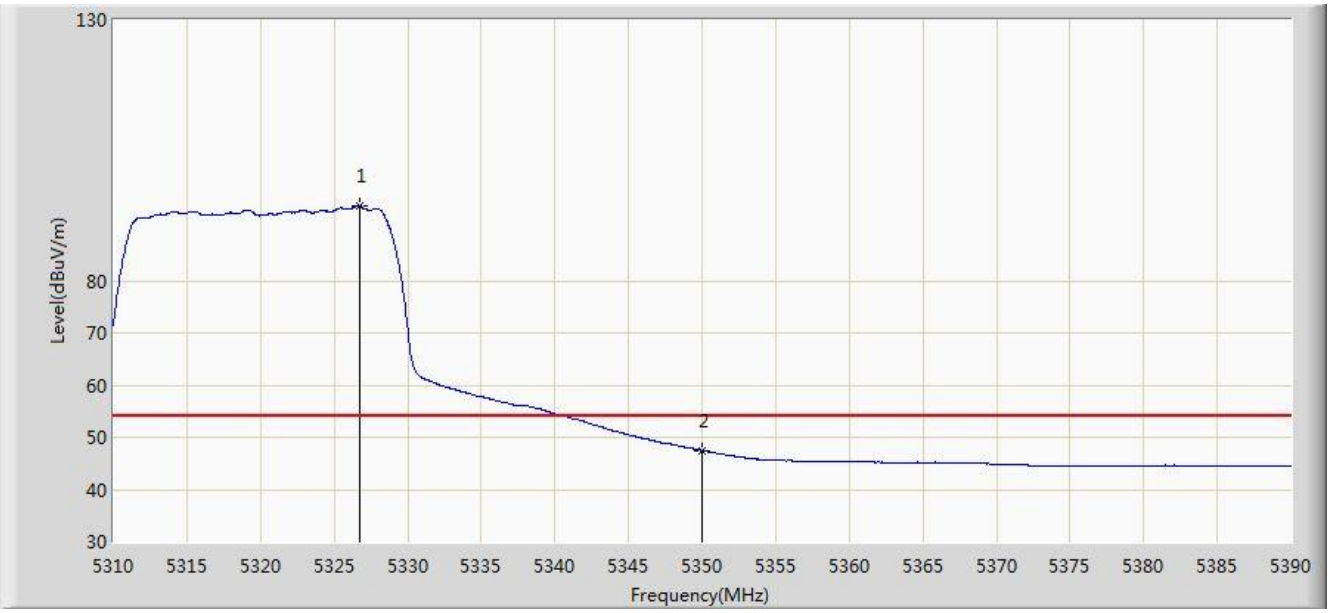


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5318.440	108.751	106.096	N/A	N/A	2.655	PK
2			5350.000	61.831	59.134	-12.169	74.000	2.697	PK
3			5351.080	63.226	60.525	-10.774	74.000	2.701	PK

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

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

Site: AC2	Time: 2017/09/14 - 00:36
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 804Mesh Dual Wi-Fi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5320MHz Ant 0 + 1 + 2 + 3	

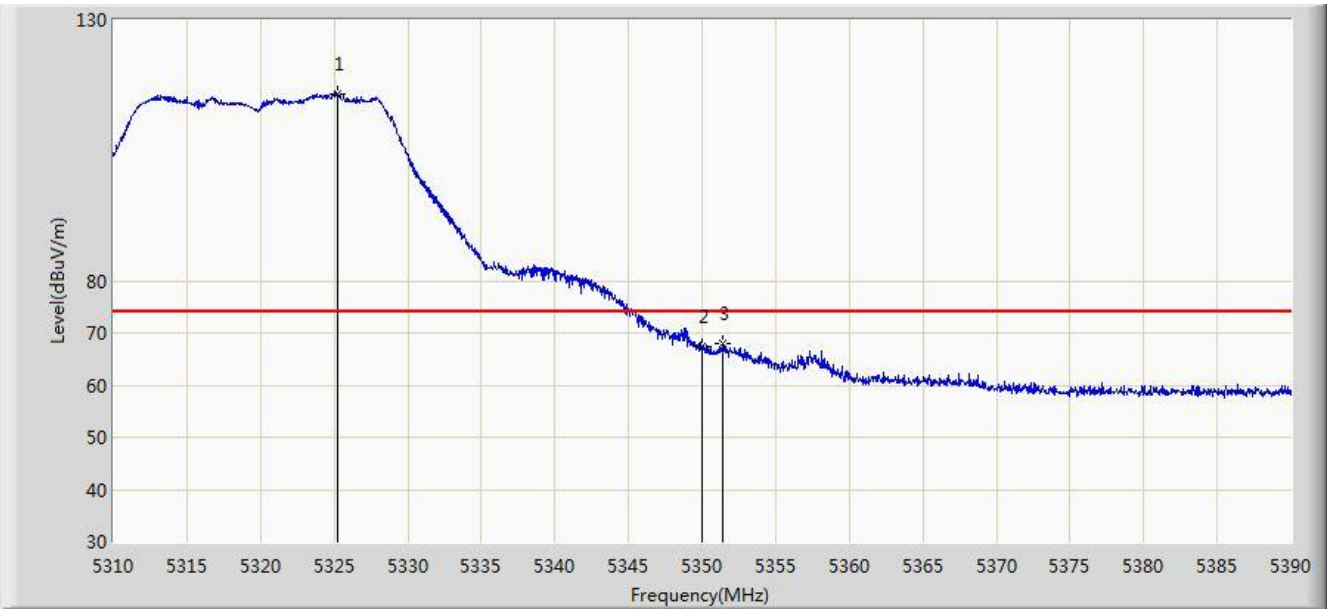


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5326.720	94.333	91.641	N/A	N/A	2.692	AV
2			5350.000	47.458	44.761	-6.542	54.000	2.697	AV

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

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

Site: AC2	Time: 2017/09/14 - 00:33
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 804Mesh Dual Wi-Fi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5320MHz Ant 0 + 1 + 2 + 3	

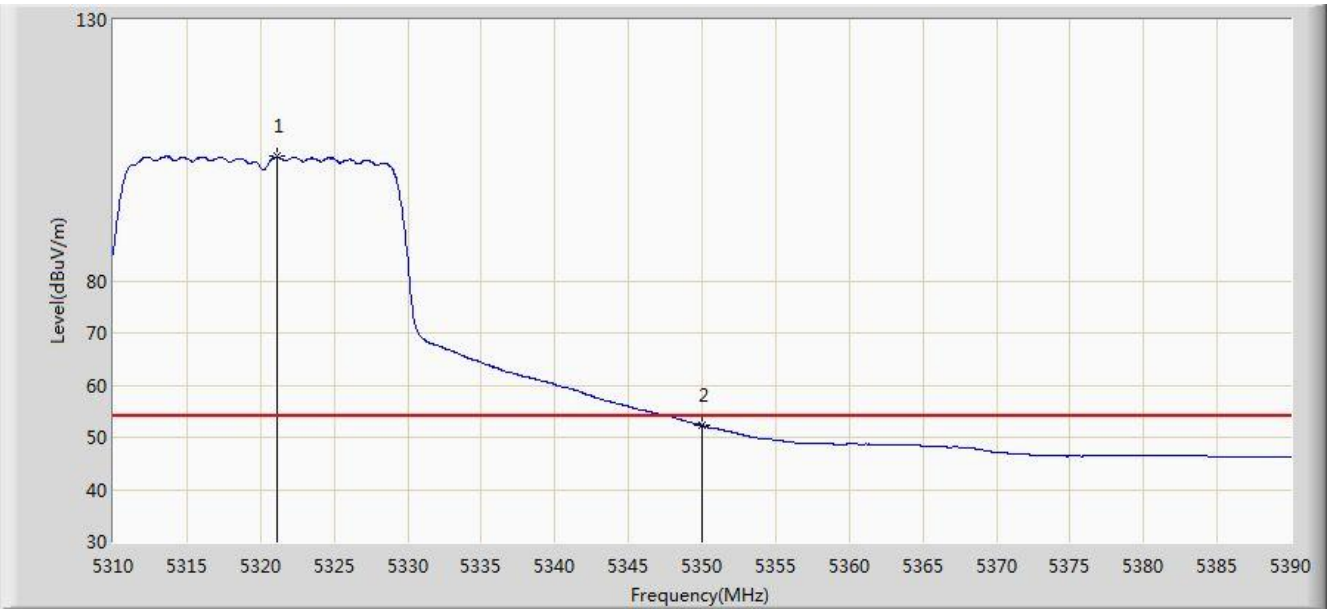


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5325.200	115.900	113.215	N/A	N/A	2.685	PK
2			5350.000	67.520	64.823	-6.480	74.000	2.697	PK
3			5351.400	67.853	65.150	-6.147	74.000	2.703	PK

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

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

Site: AC2	Time: 2017/09/14 - 00:33
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 804Mesh Dual Wi-Fi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5320MHz Ant 0 + 1 + 2 + 3	

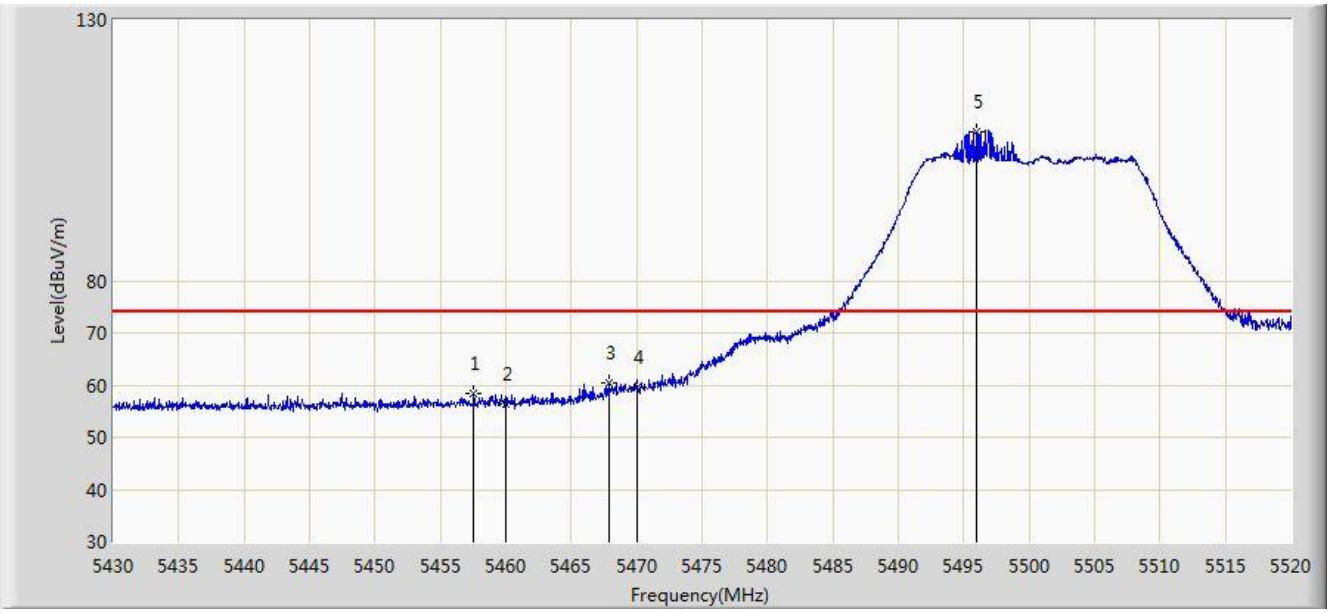


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5321.080	103.770	101.103	N/A	N/A	2.667	AV
2			5350.000	52.258	49.561	-1.742	54.000	2.697	AV

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

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

Site: AC2	Time: 2017/09/14 - 00:50
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 804Mesh Dual Wi-Fi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5500MHz Ant 0 + 1 + 2 + 3	

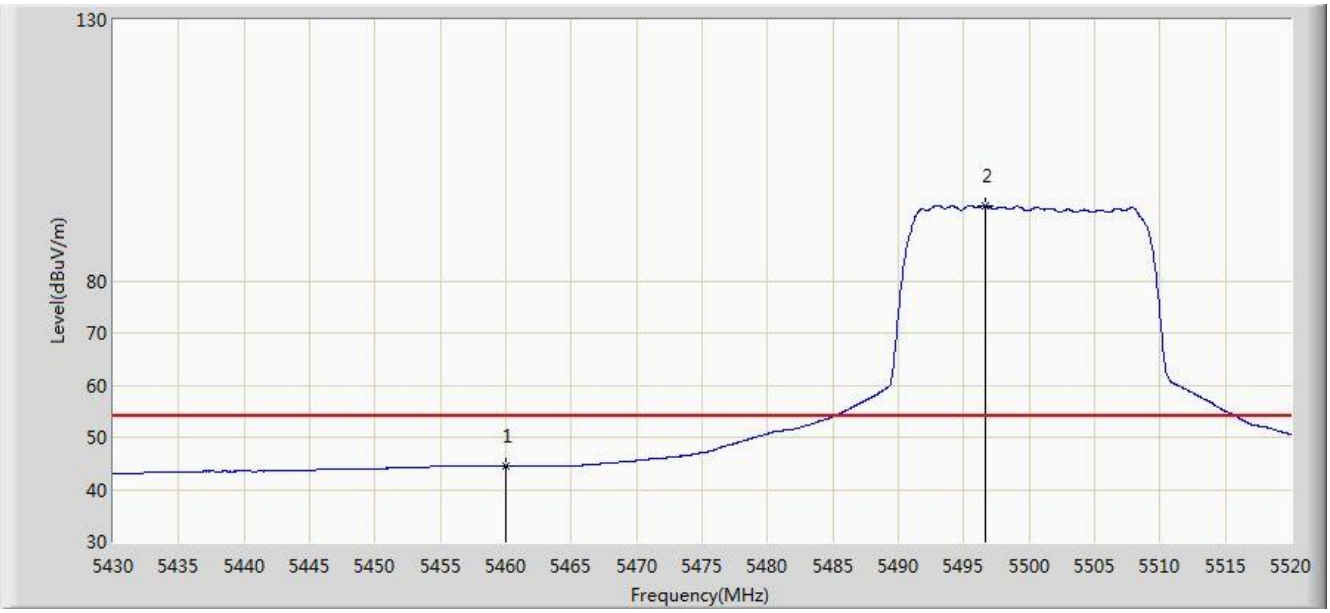


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5457.540	58.288	55.177	-15.712	74.000	3.111	PK
2			5460.000	56.499	53.306	-17.501	74.000	3.194	PK
3			5467.845	60.292	56.835	-13.708	74.000	3.457	PK
4			5470.000	59.650	56.121	-14.350	74.000	3.529	PK
5		*	5495.925	108.463	105.311	N/A	N/A	3.153	PK

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

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

Site: AC2	Time: 2017/09/14 - 00:52
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 804Mesh Dual Wi-Fi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5500MHz Ant 0 + 1 + 2 + 3	

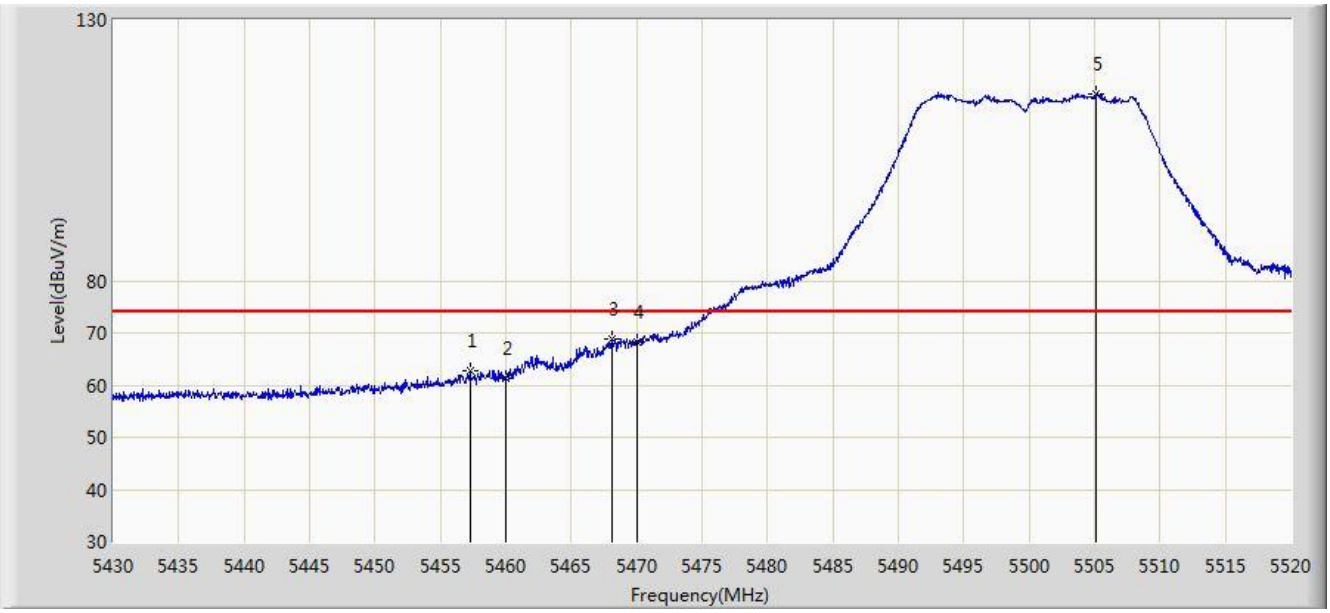


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	44.605	41.412	-9.395	54.000	3.194	AV
2		*	5496.600	94.395	91.249	N/A	N/A	3.146	AV

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

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

Site: AC2	Time: 2017/09/14 - 00:46
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 804Mesh Dual Wi-Fi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5500MHz Ant 0 + 1 + 2 + 3	

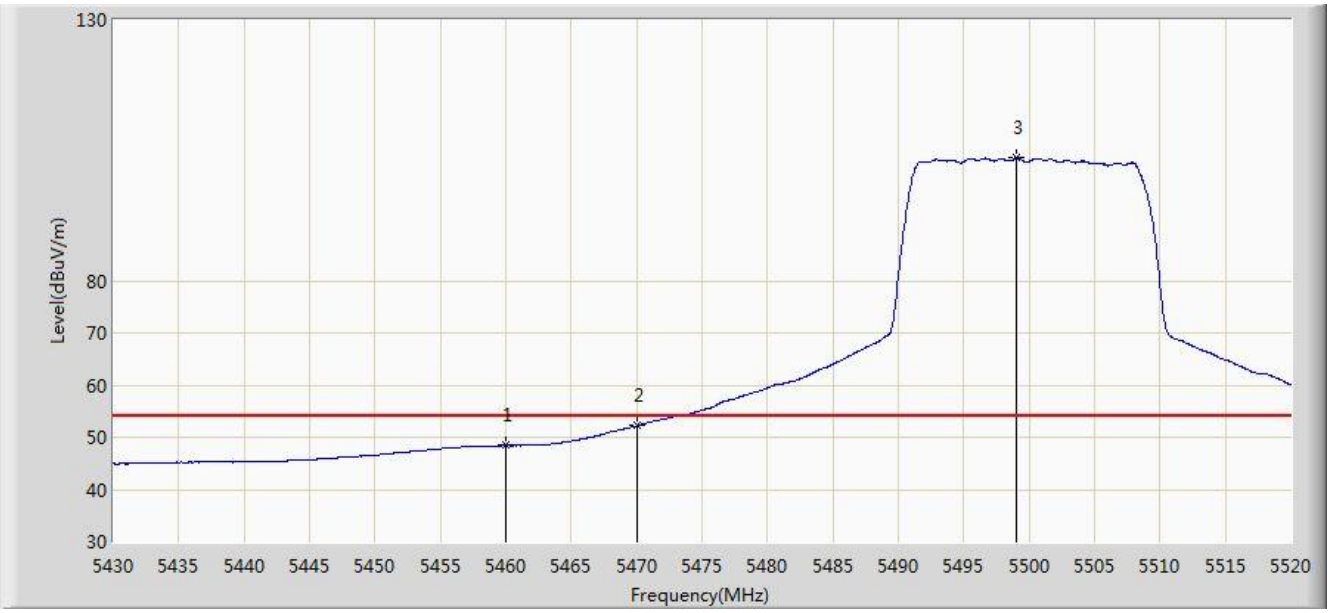


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5457.270	62.734	59.632	-11.266	74.000	3.101	PK
2			5460.000	61.439	58.246	-12.561	74.000	3.194	PK
3			5468.070	68.851	65.387	-5.149	74.000	3.464	PK
4			5470.000	68.315	64.786	-5.685	74.000	3.529	PK
5		*	5505.150	115.896	112.827	N/A	N/A	3.070	PK

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

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

Site: AC2	Time: 2017/09/14 - 00:49
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 804Mesh Dual Wi-Fi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5500MHz Ant 0 + 1 + 2 + 3	

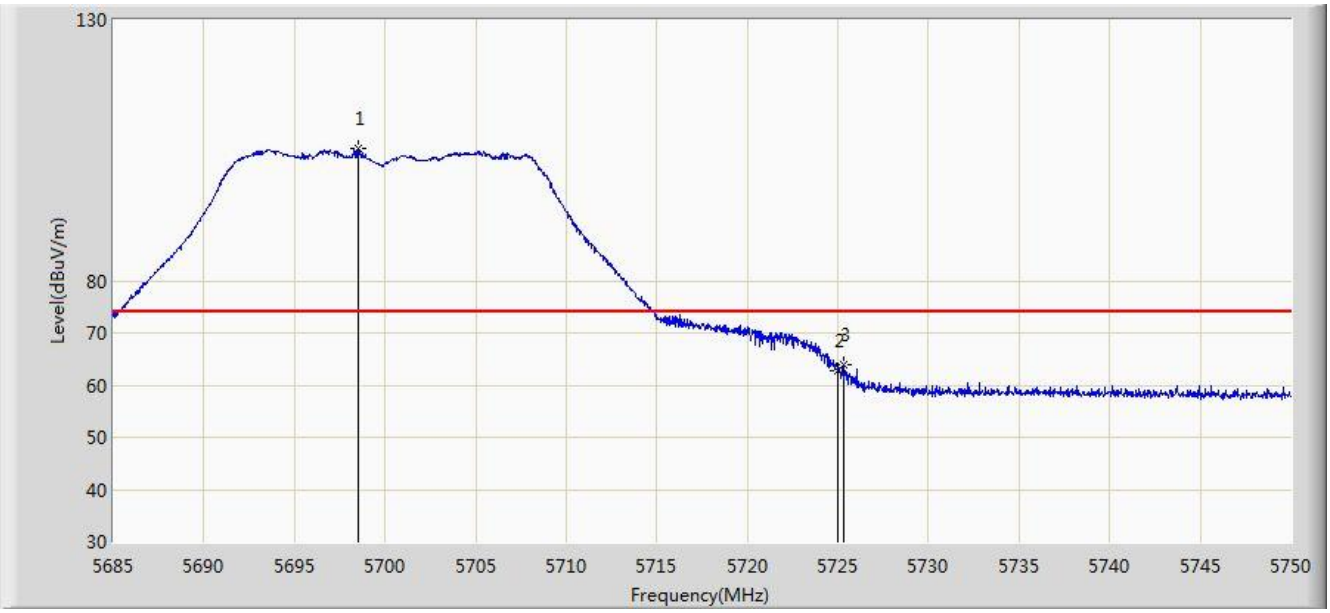


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	48.418	45.225	-5.582	54.000	3.194	AV
2			5470.000	52.190	48.661	-1.810	54.000	3.529	AV
3		*	5499.075	103.506	100.384	N/A	N/A	3.122	AV

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

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

Site: AC2	Time: 2017/09/14 - 00:57
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 804Mesh Dual Wi-Fi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5700MHz Ant 0 + 1 + 2 + 3	

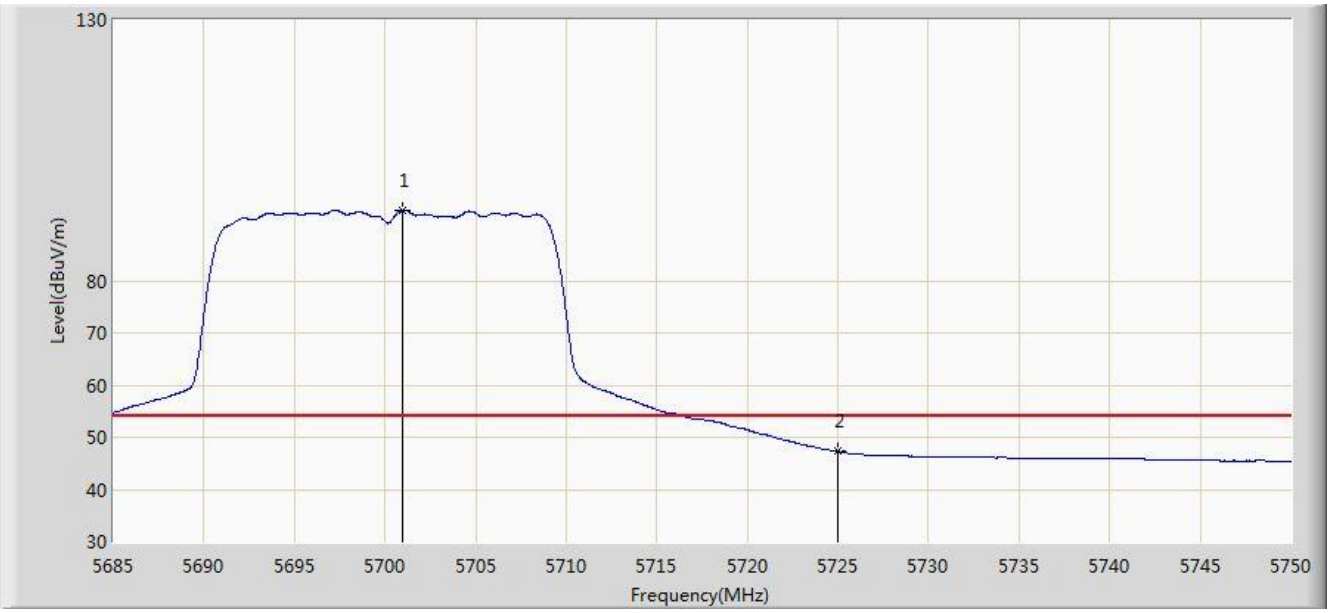


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5698.487	105.325	101.369	N/A	N/A	3.956	PK
2			5725.000	62.739	58.633	-11.261	74.000	4.105	PK
3			5725.333	63.791	59.677	-10.209	74.000	4.113	PK

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

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

Site: AC2	Time: 2017/09/14 - 00:59
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 804Mesh Dual Wi-Fi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5700MHz Ant 0 + 1 + 2 + 3	

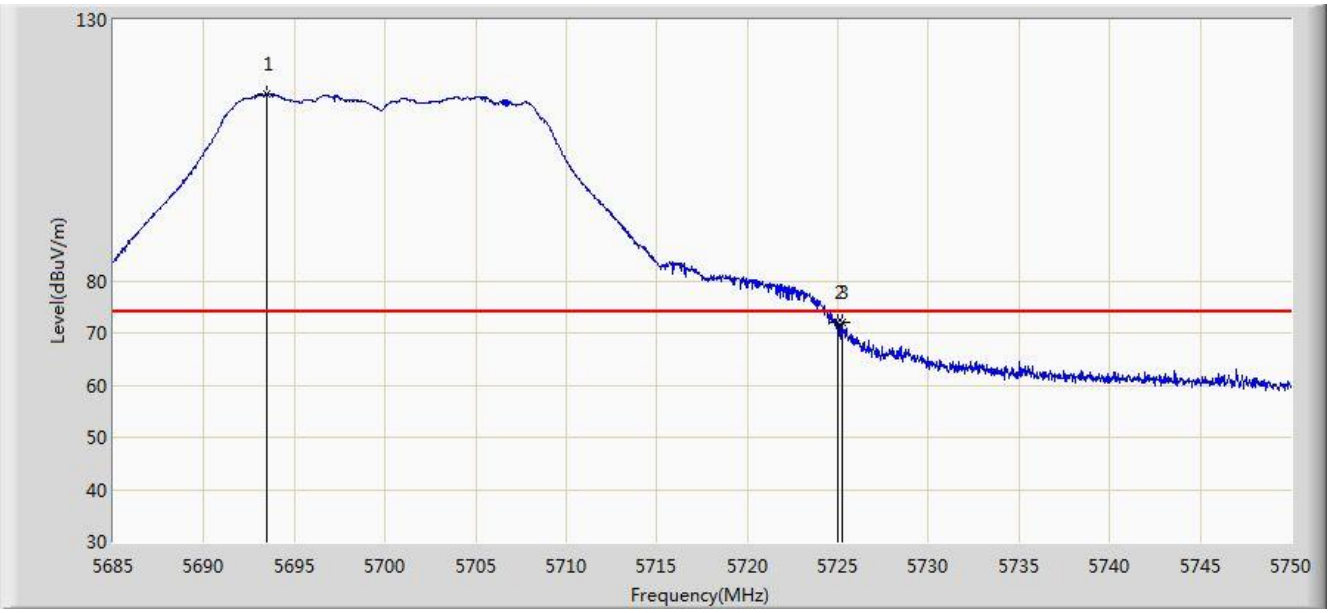


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5700.925	93.567	89.637	N/A	N/A	3.930	AV
2			5725.000	47.282	43.176	-6.718	54.000	4.105	AV

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

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

Site: AC2	Time: 2017/09/14 - 00:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 804Mesh Dual Wi-Fi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5700MHz Ant 0 + 1 + 2 + 3	

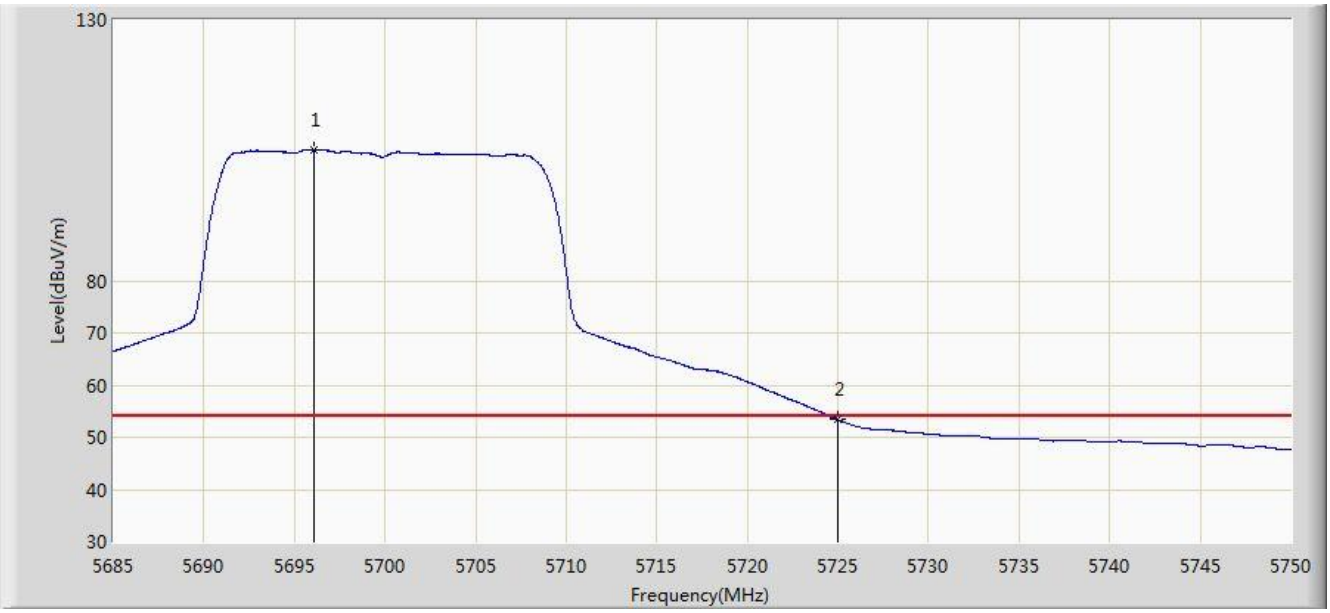


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5693.450	115.712	111.706	N/A	N/A	4.005	PK
2			5725.000	72.009	67.903	-1.991	74.000	4.105	PK
3			5725.203	71.999	67.888	-2.001	74.000	4.111	PK

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

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

Site: AC2	Time: 2017/09/14 - 00:57
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 804Mesh Dual Wi-Fi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5700MHz Ant 0 + 1 + 2 + 3	

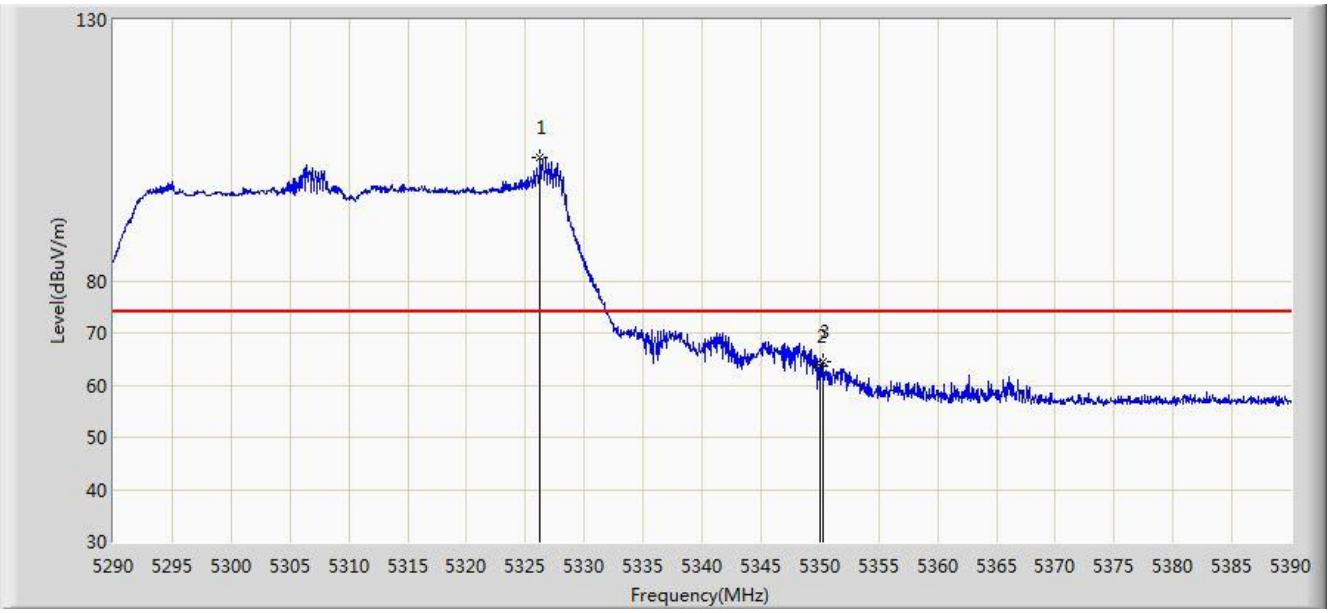


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5696.083	105.032	101.051	N/A	N/A	3.981	AV
2			5725.000	53.388	49.282	-0.612	54.000	4.105	AV

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

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

Site: AC2	Time: 2017/09/14 - 01:44
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 804Mesh Dual Wi-Fi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5310MHz Ant 0 + 1 + 2 + 3	

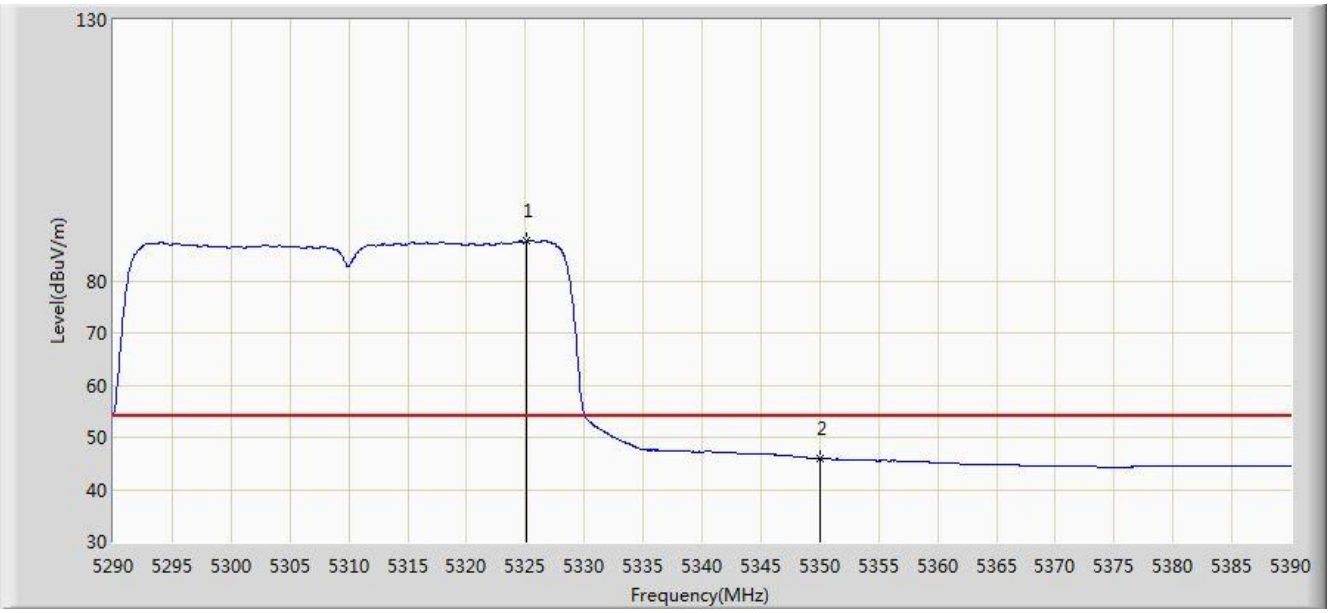


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5326.250	103.681	100.991	N/A	N/A	2.690	PK
2			5350.000	63.749	61.052	-10.251	74.000	2.697	PK
3			5350.250	64.356	61.658	-9.644	74.000	2.698	PK

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

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

Site: AC2	Time: 2017/09/14 - 01:46
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 804Mesh Dual Wi-Fi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5310MHz Ant 0 + 1 + 2 + 3	

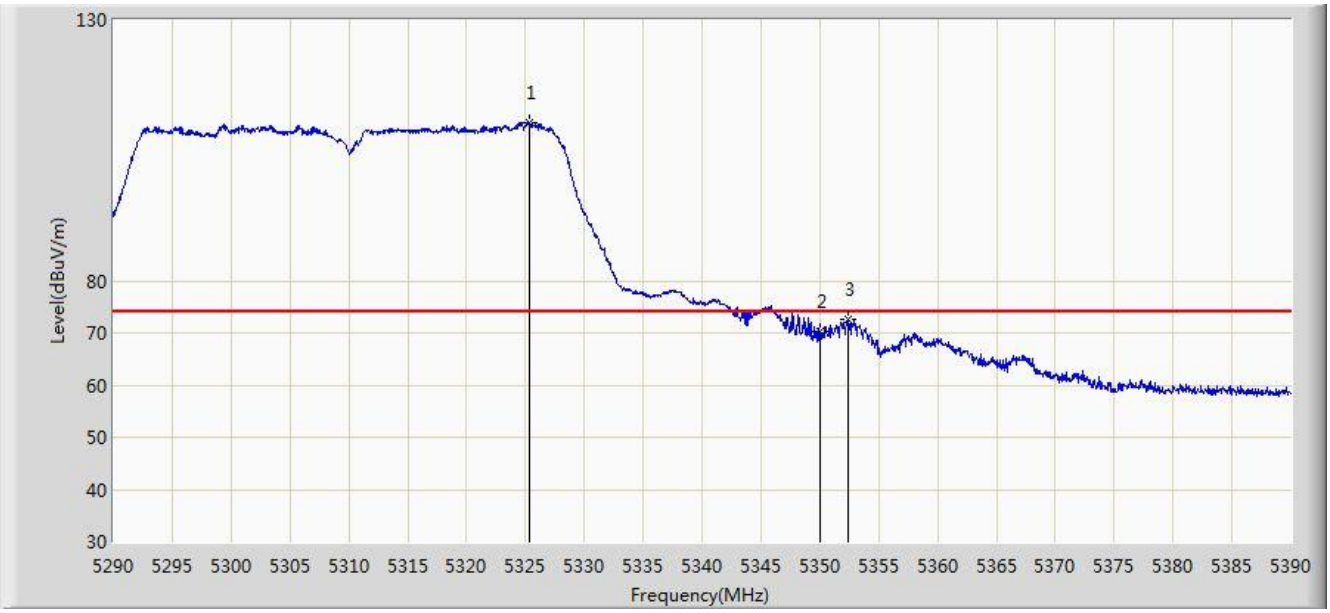


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5325.150	87.637	84.952	N/A	N/A	2.685	AV
2			5350.000	45.943	43.246	-8.057	54.000	2.697	AV

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

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

Site: AC2	Time: 2017/09/14 - 01:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 804Mesh Dual Wi-Fi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5310MHz Ant 0 + 1 + 2 + 3	

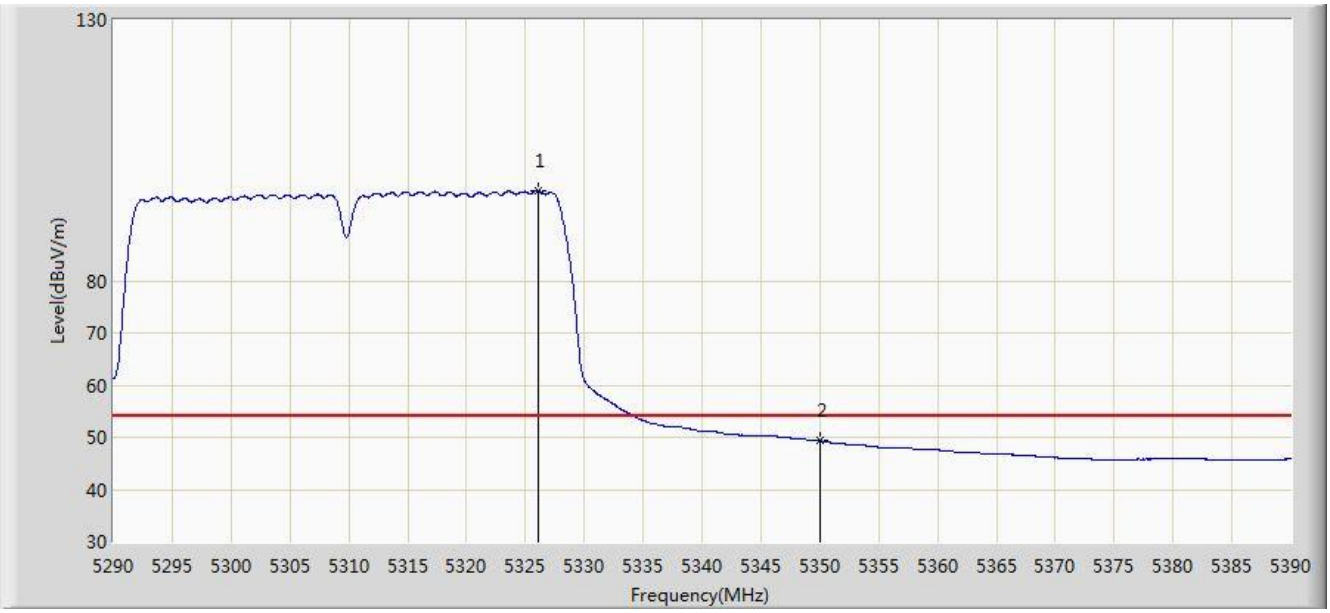


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5325.300	110.324	107.639	N/A	N/A	2.685	PK
2			5350.000	70.171	67.474	-3.829	74.000	2.697	PK
3			5352.350	72.724	70.018	-1.276	74.000	2.705	PK

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

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

Site: AC2	Time: 2017/09/14 - 01:41
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 804Mesh Dual Wi-Fi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5310MHz Ant 0 + 1 + 2 + 3	

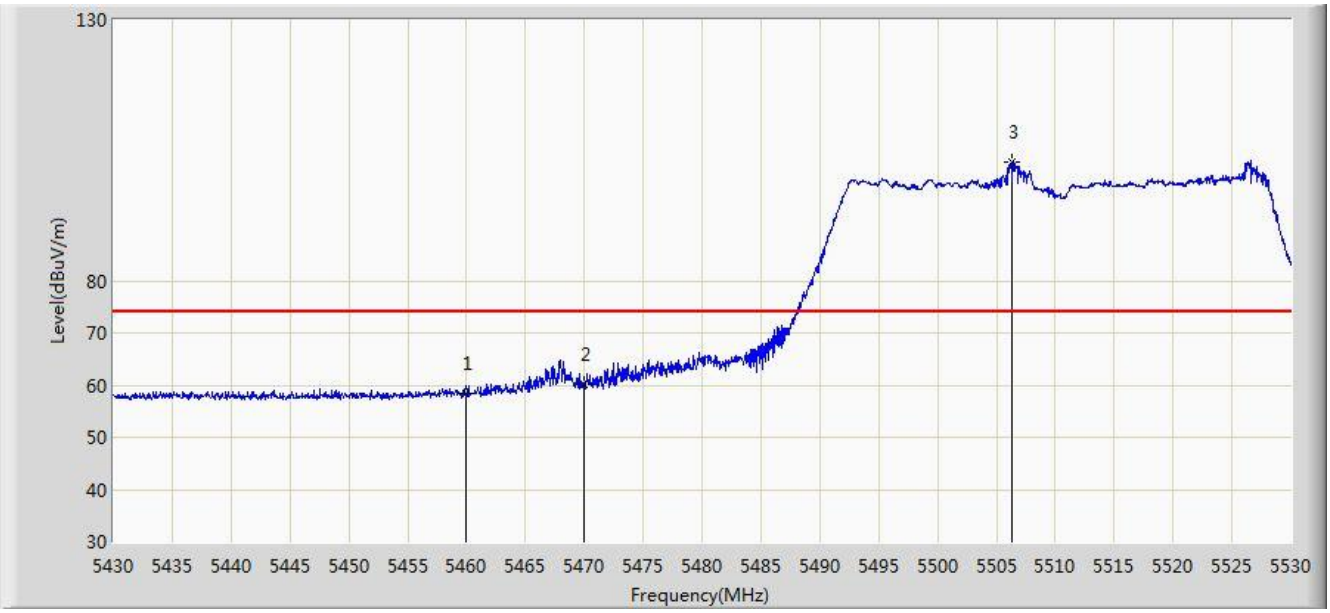


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5326.050	97.286	94.597	N/A	N/A	2.689	AV
2			5350.000	49.328	46.631	-4.672	54.000	2.697	AV

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

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

Site: AC2	Time: 2017/09/14 - 01:59
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 804Mesh Dual Wi-Fi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5510MHz Ant 0 + 1 + 2 + 3	

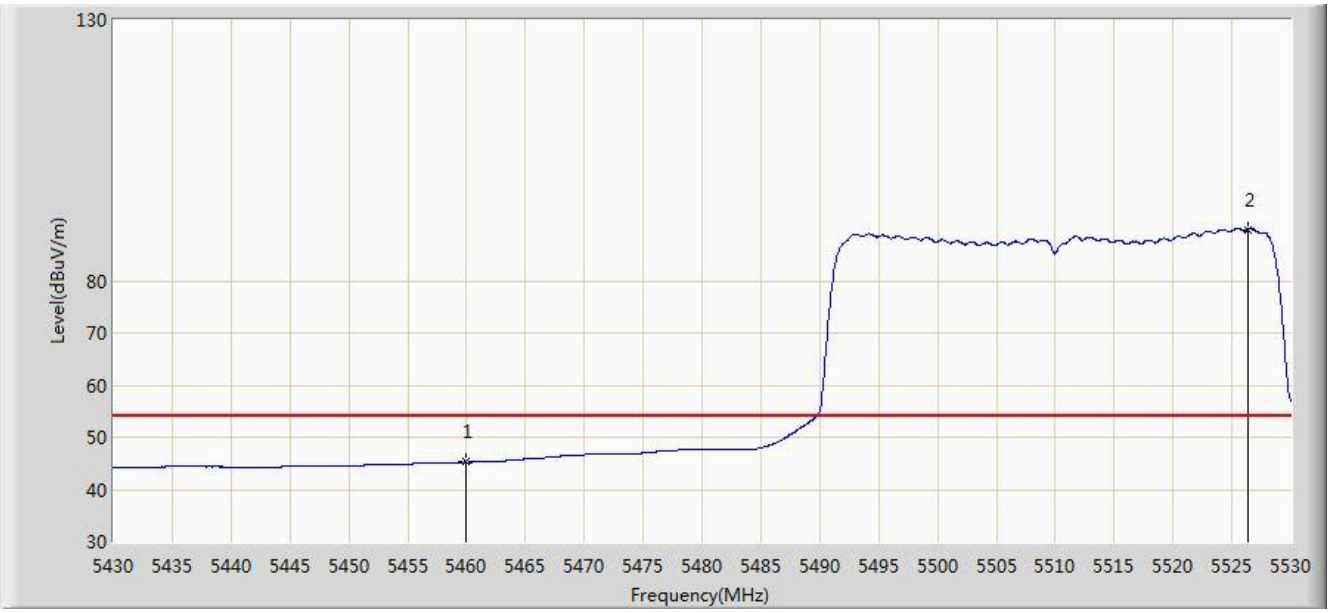


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	58.317	55.124	-15.683	74.000	3.194	PK
2			5470.000	60.080	56.551	-13.920	74.000	3.529	PK
3		*	5506.300	102.787	99.690	N/A	N/A	3.097	PK

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

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

Site: AC2	Time: 2017/09/14 - 02:19
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 804Mesh Dual Wi-Fi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5510MHz Ant 0 + 1 + 2 + 3	

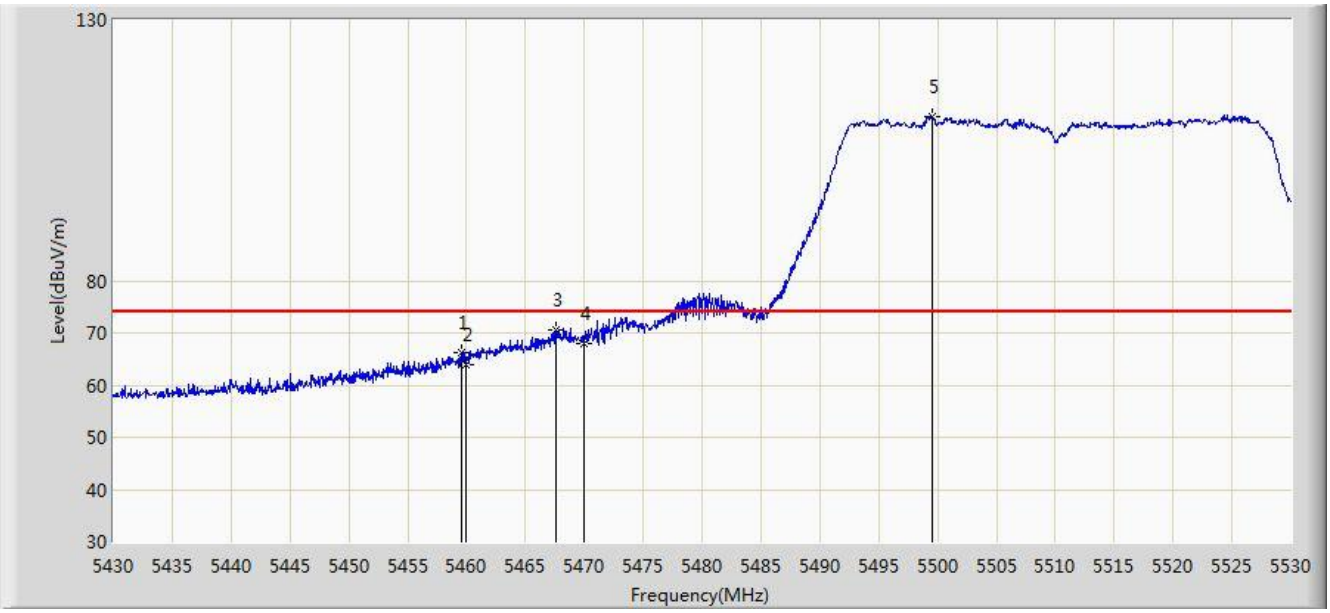


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	45.222	42.029	-8.778	54.000	3.194	AV
2		*	5526.350	89.823	86.374	N/A	N/A	3.448	AV

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

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

Site: AC2	Time: 2017/09/14 - 01:54
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 804Mesh Dual Wi-Fi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5510MHz Ant 0 + 1 + 2 + 3	

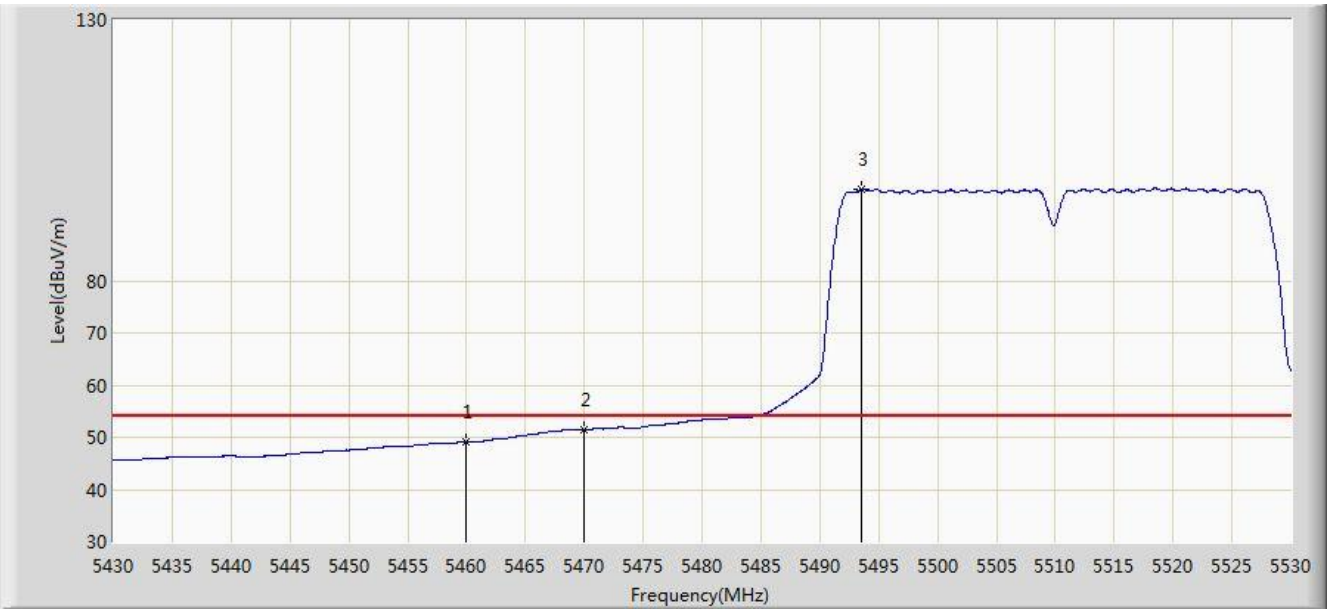


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5459.600	66.320	63.140	-7.680	74.000	3.180	PK
2			5460.000	63.873	60.680	-10.127	74.000	3.194	PK
3			5467.600	70.720	67.272	-3.280	74.000	3.448	PK
4			5470.000	67.960	64.431	-6.040	74.000	3.529	PK
5		*	5499.550	111.528	108.410	N/A	N/A	3.118	PK

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

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

Site: AC2	Time: 2017/09/14 - 01:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 804Mesh Dual Wi-Fi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5510MHz Ant 0 + 1 + 2 + 3	

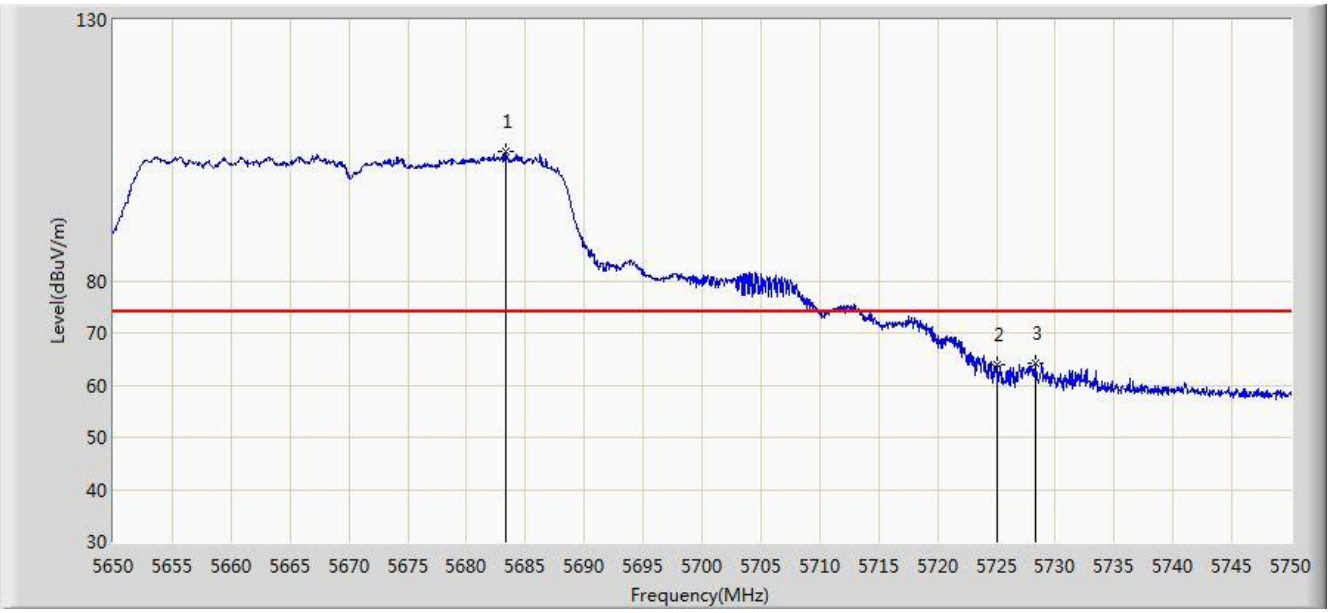


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	49.090	45.897	-4.910	54.000	3.194	AV
2			5470.000	51.560	48.031	-2.440	54.000	3.529	AV
3		*	5493.500	97.577	94.401	N/A	N/A	3.175	AV

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

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

Site: AC2	Time: 2017/09/14 - 02:29
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 804Mesh Dual Wi-Fi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5670MHz Ant 0 + 1 + 2 + 3	

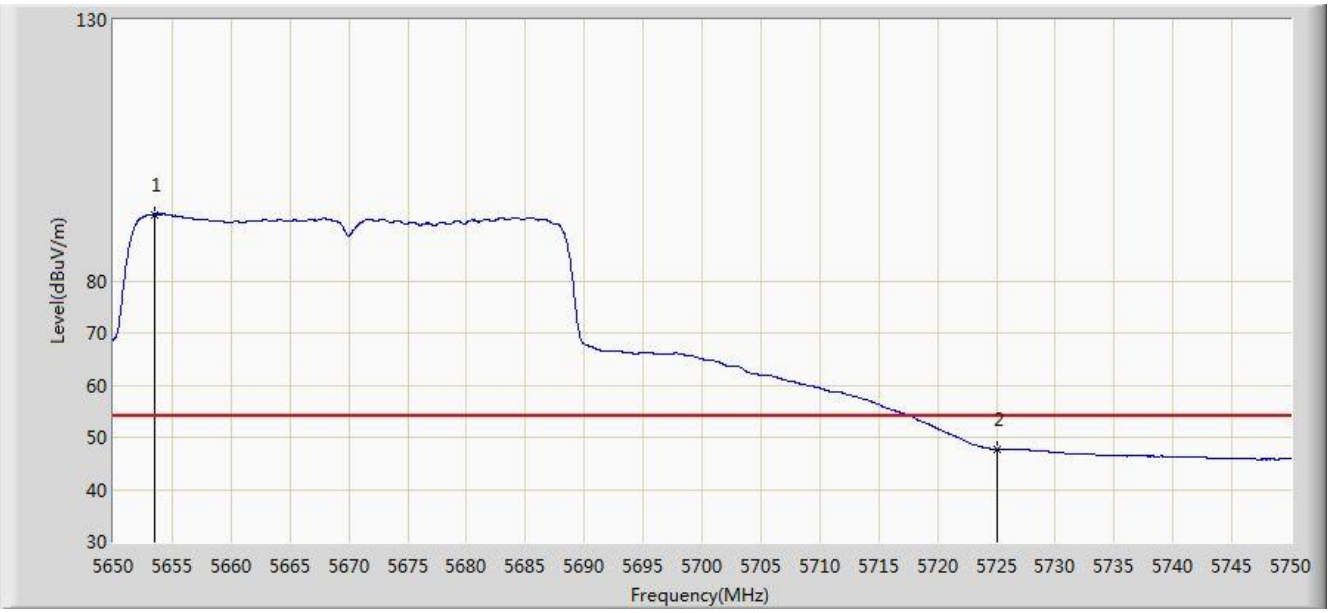


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5683.300	104.808	100.793	N/A	N/A	4.015	PK
2			5725.000	64.055	59.949	-9.945	74.000	4.105	PK
3			5728.350	64.231	60.041	-9.769	74.000	4.190	PK

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

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

Site: AC2	Time: 2017/09/14 - 02:31
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 804Mesh Dual Wi-Fi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5670MHz Ant 0 + 1 + 2 + 3	

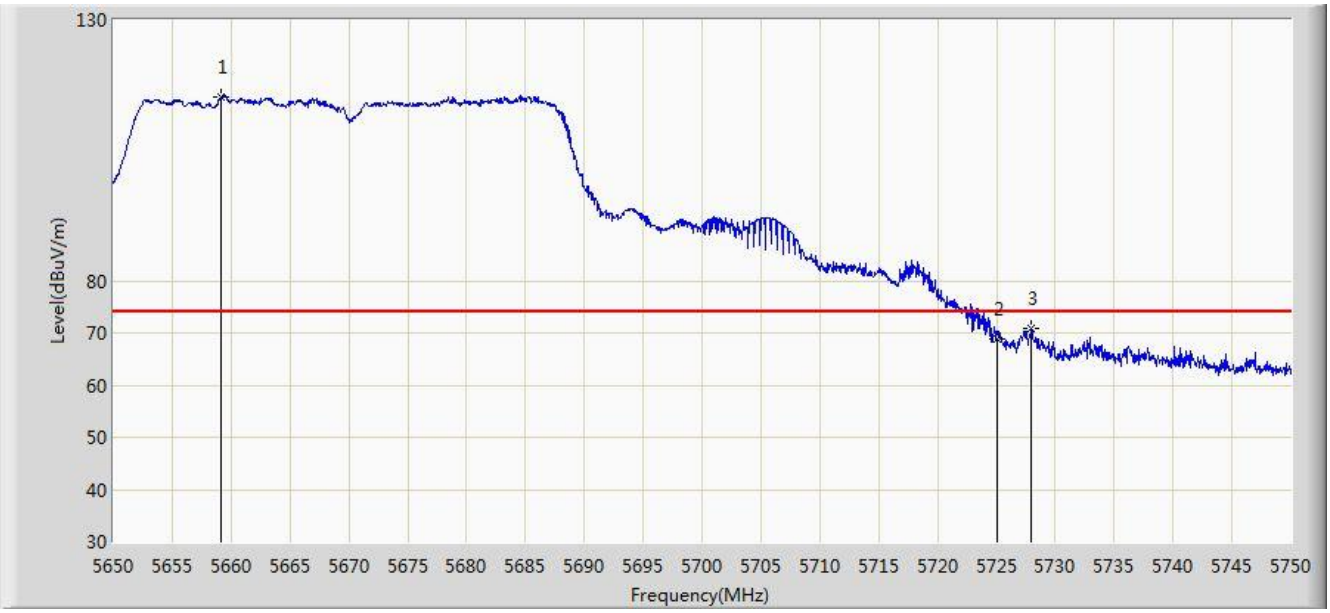


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5653.500	92.727	89.002	N/A	N/A	3.725	AV
2			5725.000	47.671	43.565	-6.329	54.000	4.105	AV

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

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

Site: AC2	Time: 2017/09/14 - 02:26
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 804Mesh Dual Wi-Fi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5670MHz Ant 0 + 1 + 2 + 3	

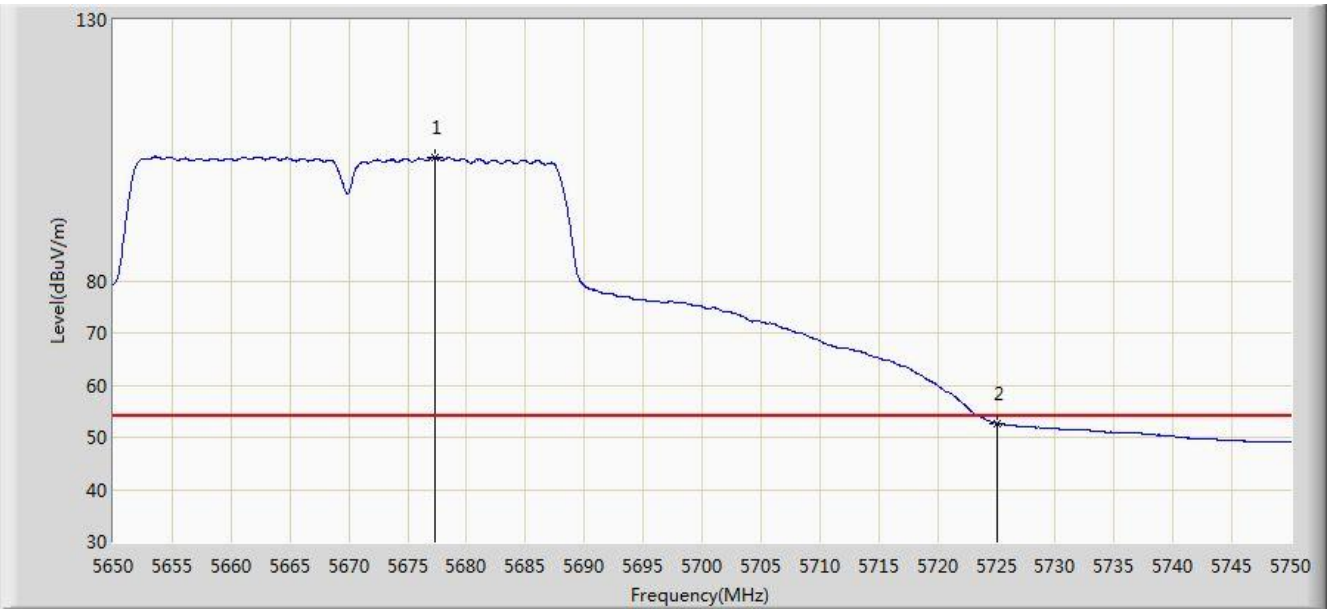


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5659.200	115.339	111.737	N/A	N/A	3.602	PK
2			5725.000	68.885	64.779	-5.115	74.000	4.105	PK
3			5728.000	70.851	66.670	-3.149	74.000	4.181	PK

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

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

Site: AC2	Time: 2017/09/14 - 02:26
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 804Mesh Dual Wi-Fi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5670MHz Ant 0 + 1 + 2 + 3	

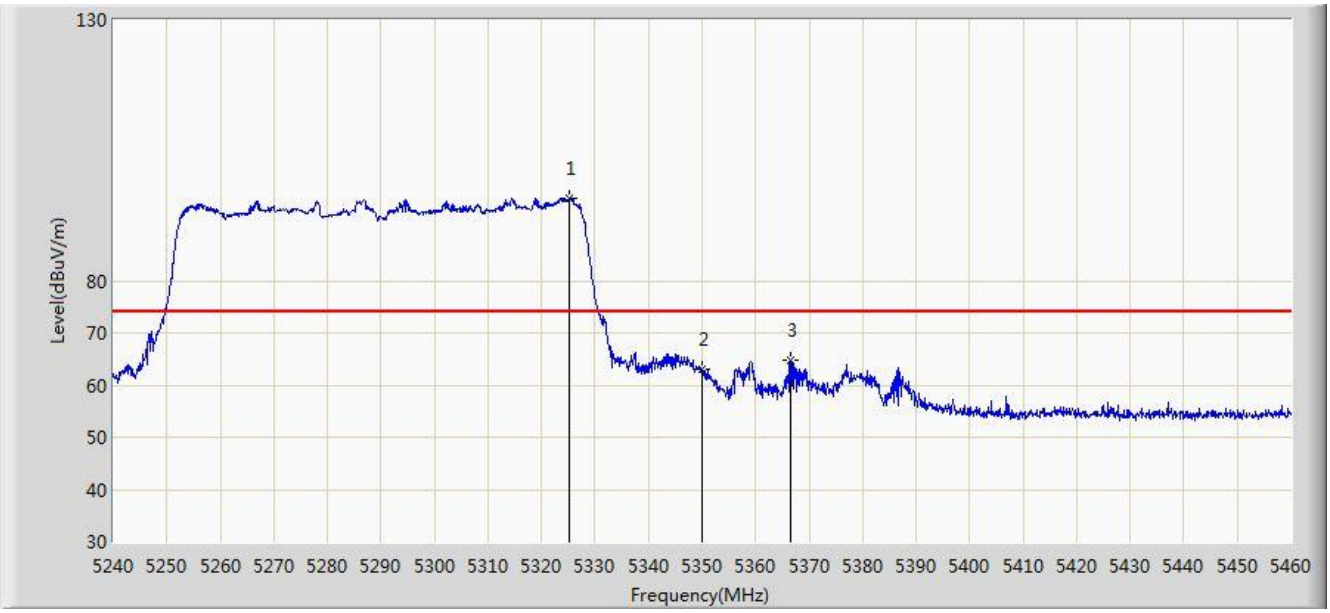


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5677.300	103.628	99.692	N/A	N/A	3.936	AV
2			5725.000	52.688	48.582	-1.312	54.000	4.105	AV

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

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

Site: AC2	Time: 2017/09/14 - 03:21
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 804Mesh Dual Wi-Fi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5290MHz Ant 0 + 1 + 2 + 3	

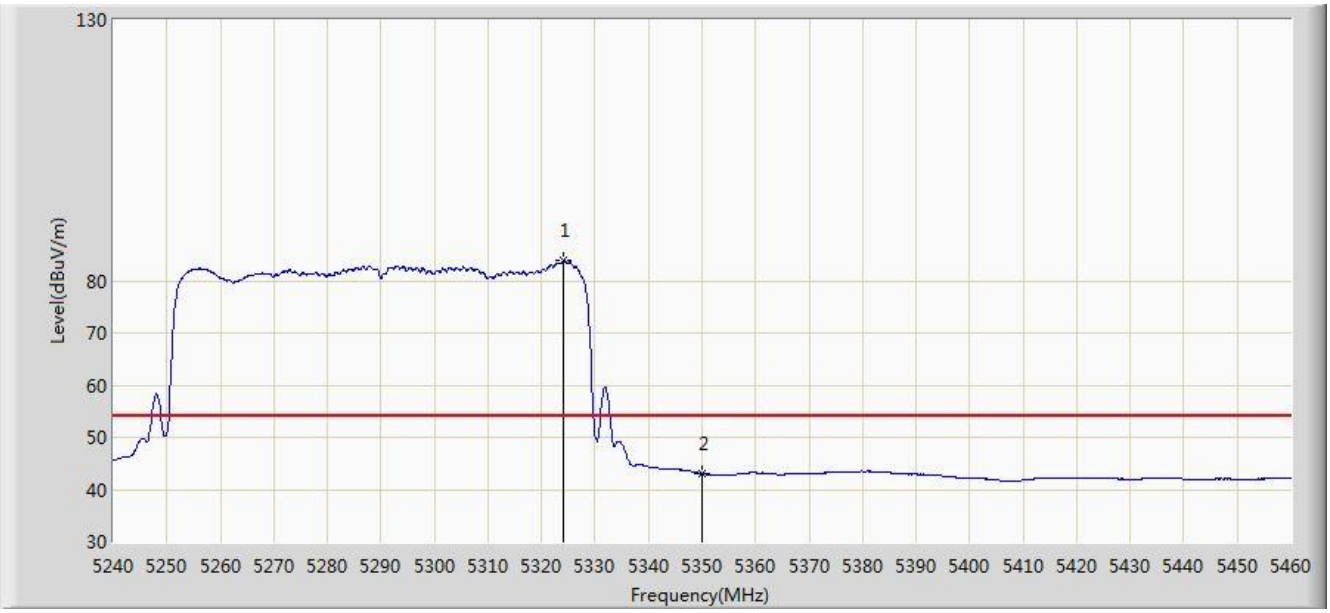


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5325.250	95.707	93.022	N/A	N/A	2.685	PK
2			5350.000	63.139	60.442	-10.861	74.000	2.697	PK
3			5366.500	64.748	61.992	-9.252	74.000	2.756	PK

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

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

Site: AC2	Time: 2017/09/14 - 03:22
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 804Mesh Dual Wi-Fi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5290MHz Ant 0 + 1 + 2 + 3	

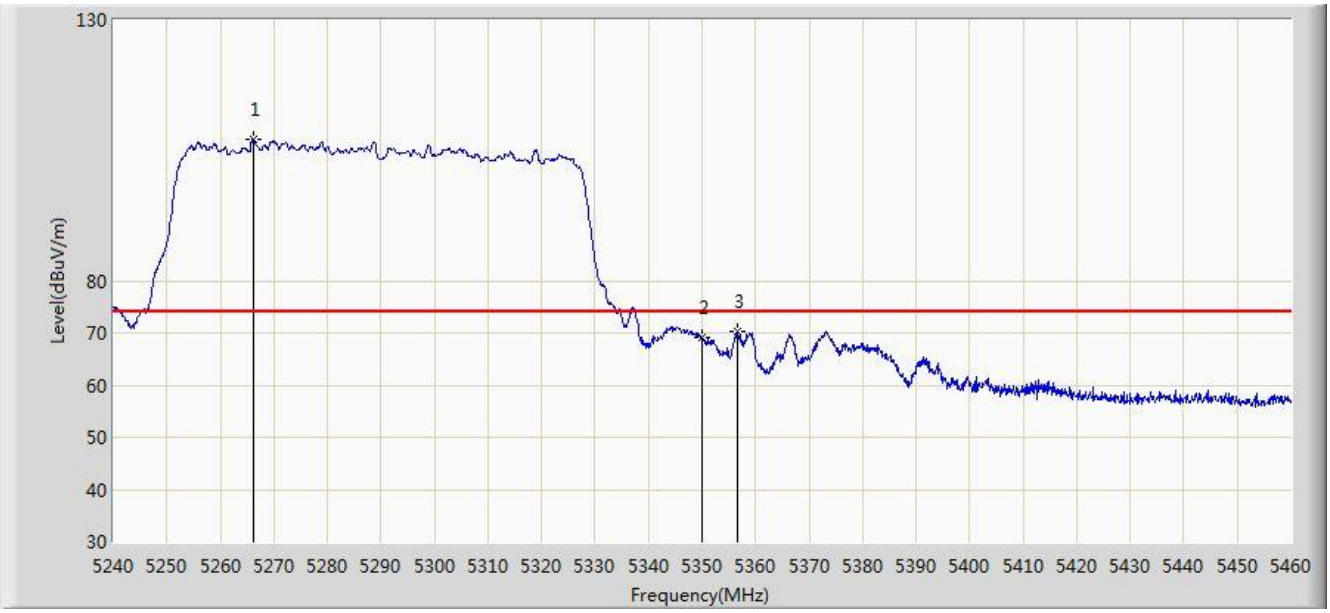


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5324.040	83.777	81.097	N/A	N/A	2.680	AV
2			5350.000	43.024	40.327	-10.976	54.000	2.697	AV

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

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

Site: AC2	Time: 2017/09/14 - 03:20
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 804Mesh Dual Wi-Fi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5290MHz Ant 0 + 1 + 2 + 3	

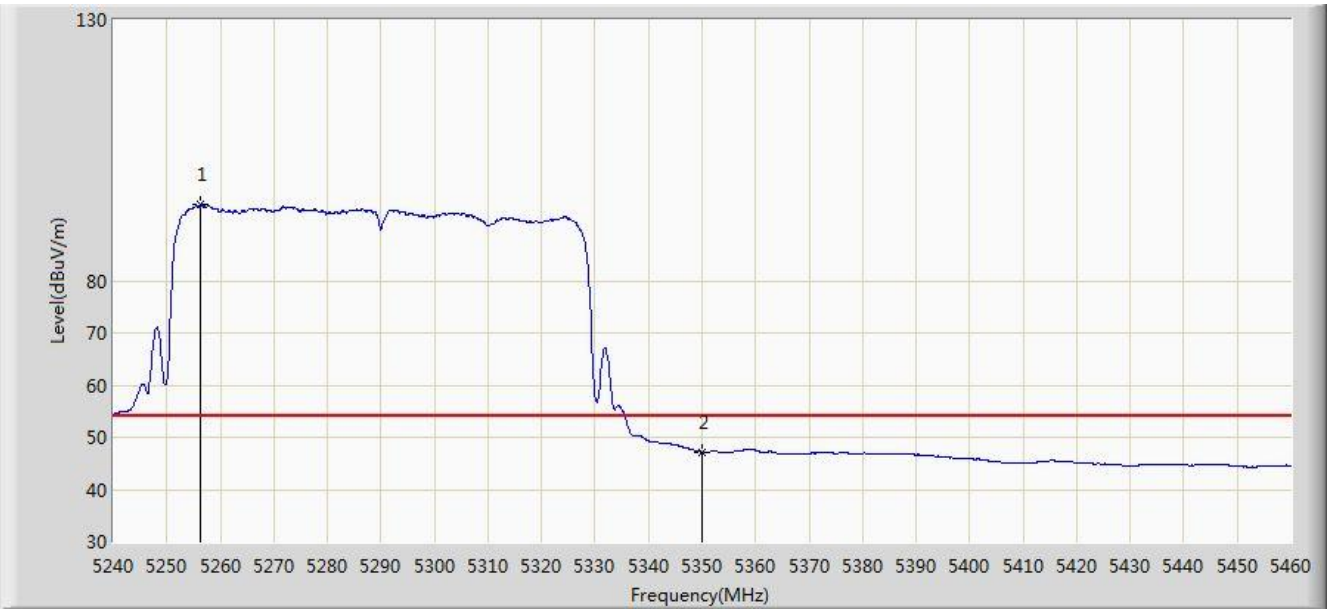


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5266.180	107.125	104.450	N/A	N/A	2.676	PK
2			5350.000	69.256	66.559	-4.744	74.000	2.697	PK
3			5356.600	70.354	67.640	-3.646	74.000	2.715	PK

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

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

Site: AC2	Time: 2017/09/14 - 03:21
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 804Mesh Dual Wi-Fi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5290MHz Ant 0 + 1 + 2 + 3	

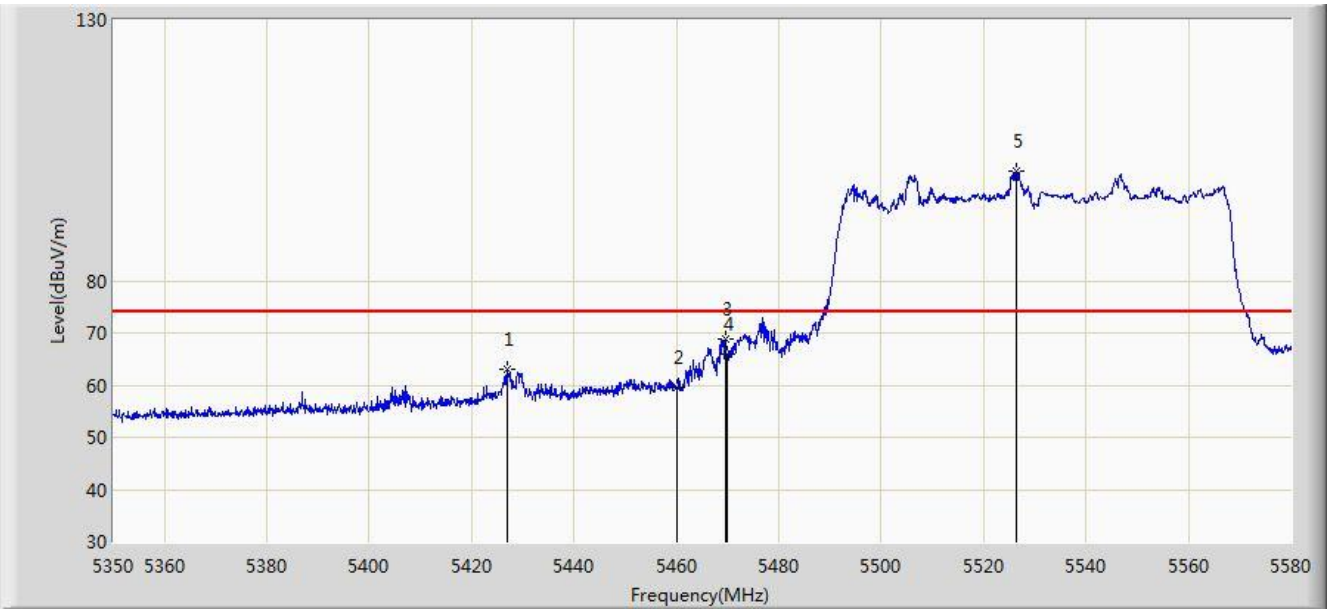


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5256.390	94.537	91.838	N/A	N/A	2.699	AV
2			5350.000	47.224	44.527	-6.776	54.000	2.697	AV

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

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

Site: AC2	Time: 2017/09/14 - 03:32
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 804Mesh Dual Wi-Fi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5530MHz Ant 0 + 1 + 2 + 3	

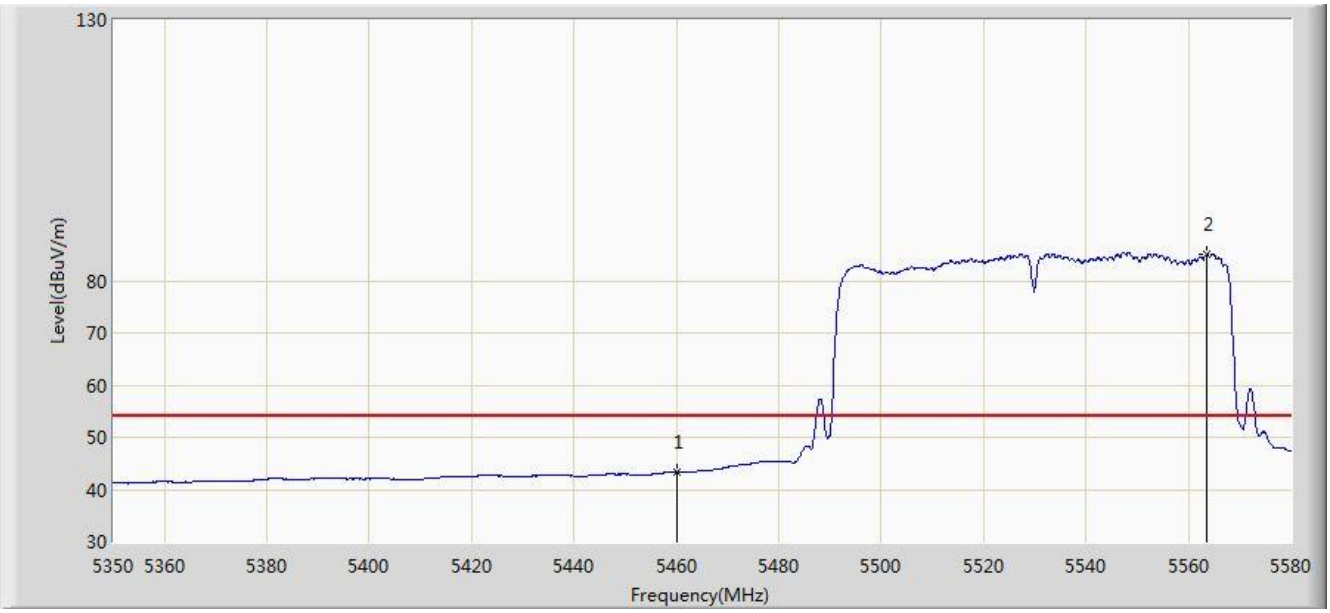


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5426.820	62.990	59.678	-11.010	74.000	3.312	PK
2			5460.000	59.443	56.250	-14.557	74.000	3.194	PK
3			5469.485	68.731	65.219	-5.269	74.000	3.512	PK
4			5470.000	66.002	62.473	-7.998	74.000	3.529	PK
5		*	5526.525	101.138	97.691	N/A	N/A	3.448	PK

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

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

Site: AC2	Time: 2017/09/14 - 03:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 804Mesh Dual Wi-Fi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5530MHz Ant 0 + 1 + 2 + 3	

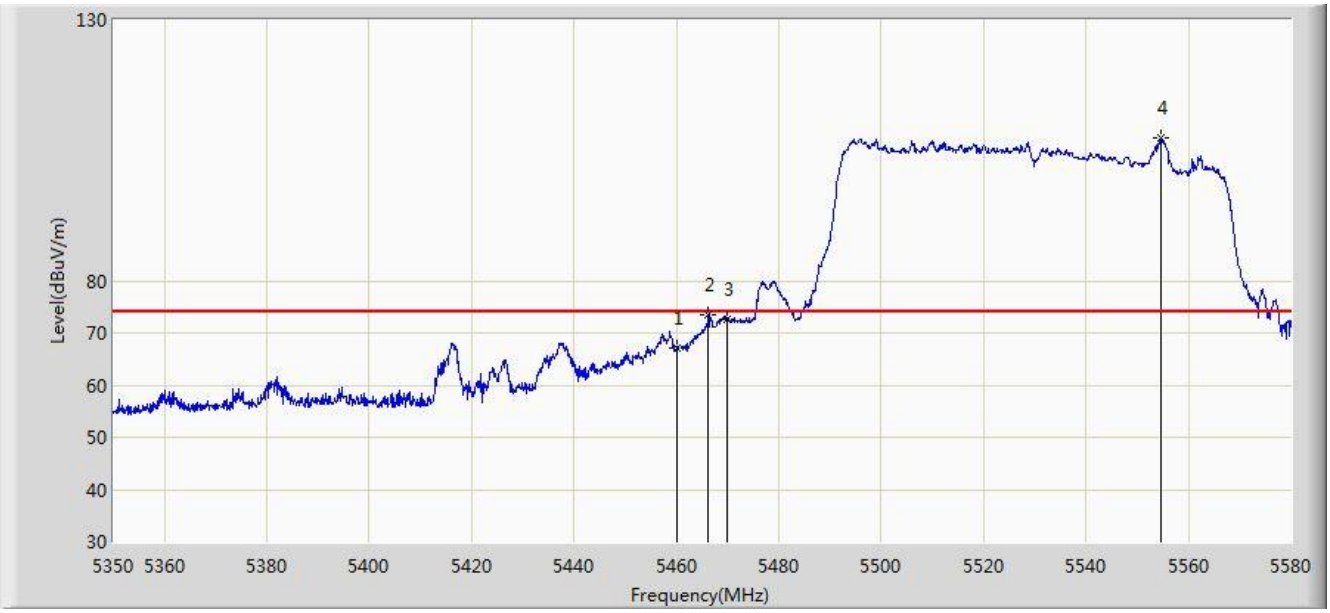


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	43.248	40.055	-10.752	54.000	3.194	AV
2		*	5563.555	85.185	81.694	N/A	N/A	3.490	AV

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

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

Site: AC2	Time: 2017/09/14 - 03:30
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 804Mesh Dual Wi-Fi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5530MHz Ant 0 + 1 + 2 + 3	

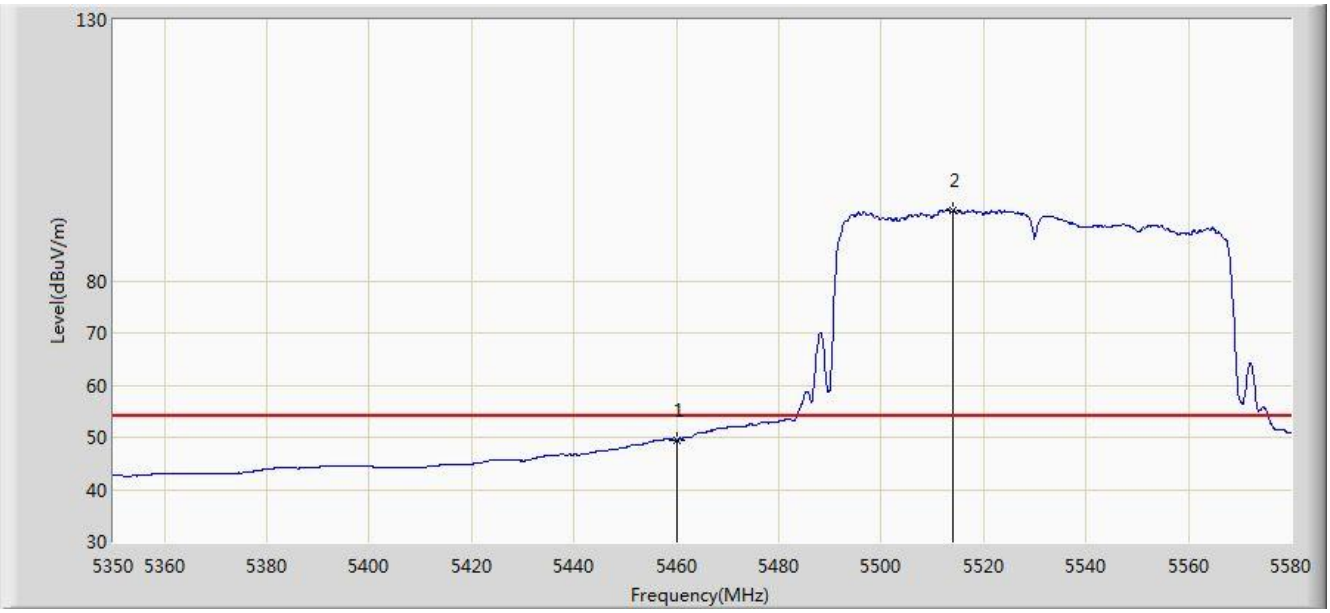


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	67.011	63.818	-6.989	74.000	3.194	PK
2			5466.265	73.525	70.121	-0.475	74.000	3.404	PK
3			5470.000	72.602	69.073	-1.398	74.000	3.529	PK
4		*	5554.585	107.292	103.699	N/A	N/A	3.592	PK

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

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

Site: AC2	Time: 2017/09/14 - 03:31
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 804Mesh Dual Wi-Fi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5530MHz Ant 0 + 1 + 2 + 3	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	49.487	46.294	-4.513	54.000	3.194	AV
2		*	5514.105	93.535	90.248	N/A	N/A	3.287	AV

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

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

7.10. AC Conducted Emissions Measurement

7.10.1. 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		

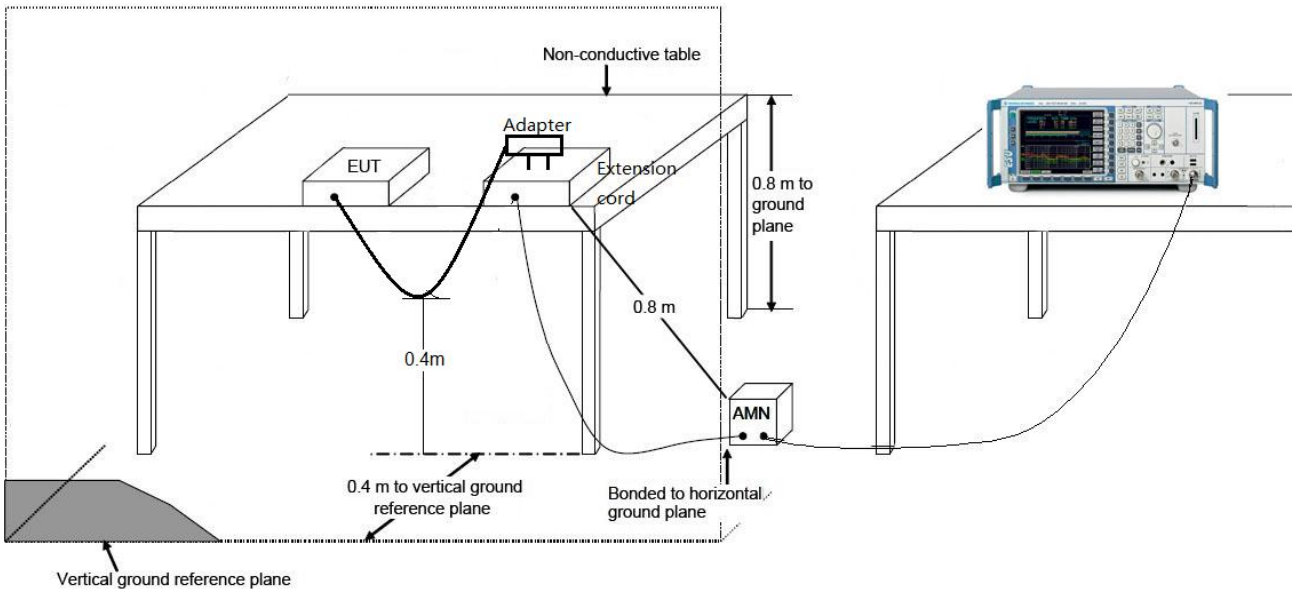
7.10.2. Test Procedure

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.

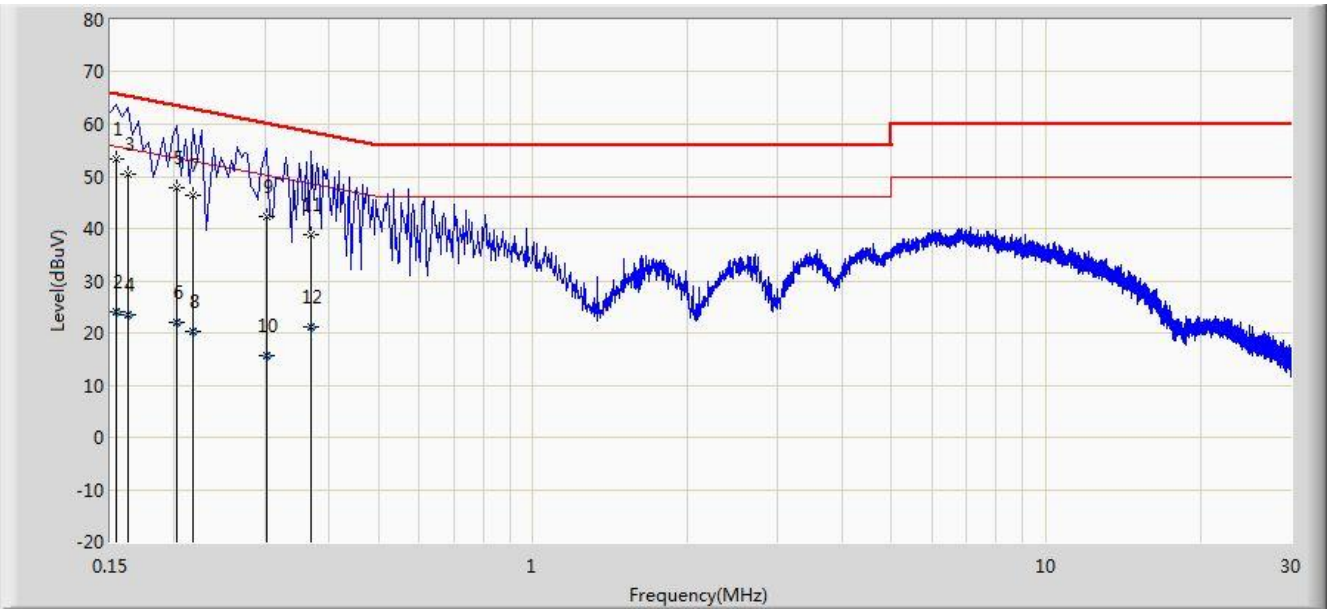
Conducted emissions were investigated over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9kHz.

7.10.3. Test Setup



7.10.4. Test Result

Site: SR2	Time: 2017/09/27 - 19:51
Limit: FCC_Part15.207_CE	Engineer: Roy Cheng
Probe: ENV216_101683_Filter On	Polarity: Line
EUT: 804Mesh Dual Wi-Fi	Power: AC 120V/60Hz
Test Mode: Mode 1	

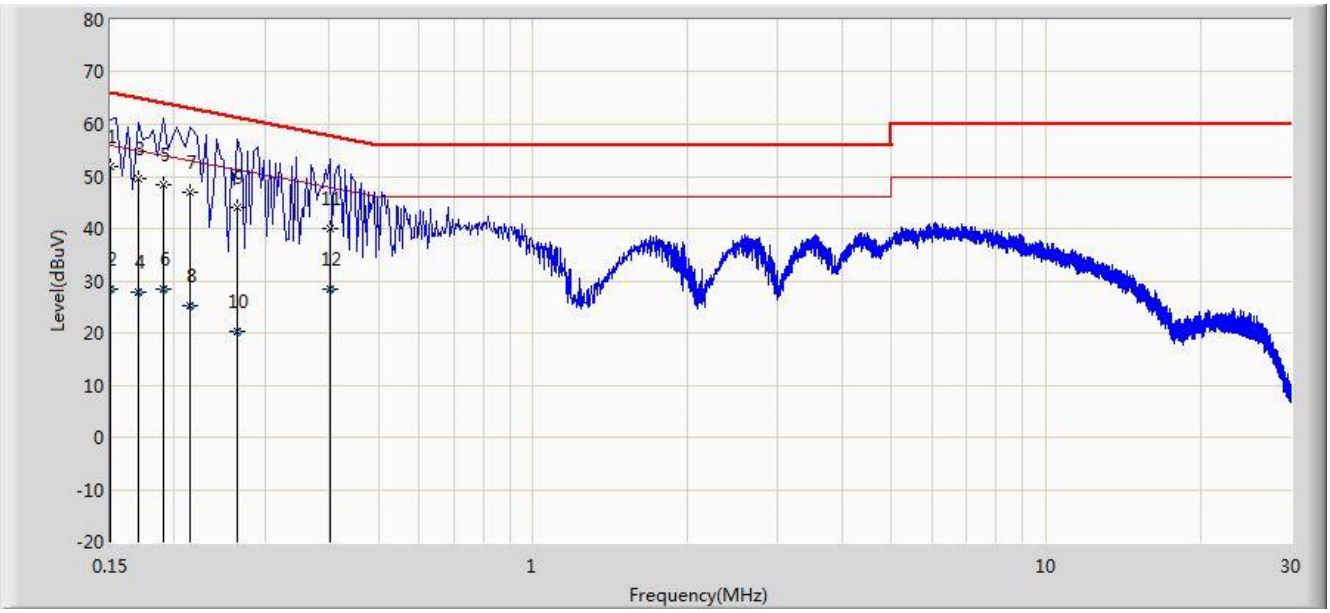


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV)	Factor (dB)	Type
1		*	0.154	53.423	42.684	-12.358	65.781	10.740	QP
2			0.154	24.151	13.412	-31.630	55.781	10.740	AV
3			0.162	50.400	40.303	-14.961	65.361	10.097	QP
4			0.162	23.489	13.392	-31.872	55.361	10.097	AV
5			0.202	47.810	37.817	-15.718	63.528	9.993	QP
6			0.202	21.889	11.897	-31.638	53.528	9.993	AV
7			0.218	46.288	36.343	-16.607	62.895	9.945	QP
8			0.218	20.334	10.389	-32.561	52.895	9.945	AV
9			0.302	42.229	32.224	-17.958	60.188	10.006	QP
10			0.302	15.700	5.695	-34.487	50.188	10.006	AV
11			0.370	38.893	28.832	-19.608	58.501	10.061	QP
12			0.370	21.042	10.981	-27.459	48.501	10.061	AV

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

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

Site: SR2	Time: 2017/09/27 - 19:55
Limit: FCC_Part15.207_CE	Engineer: Roy Cheng
Probe: ENV216_101683_Filter On	Polarity: Neutral
EUT: 804Mesh Dual Wi-Fi	Power: AC 120V/60Hz
Test Mode: Mode 1	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV)	Factor (dB)	Type
1		*	0.150	51.799	40.657	-14.201	66.000	11.142	QP
2			0.150	28.299	17.157	-27.701	56.000	11.142	AV
3			0.170	49.512	39.448	-15.449	64.960	10.064	QP
4			0.170	27.713	17.649	-27.248	54.960	10.064	AV
5			0.190	48.424	38.396	-15.613	64.037	10.028	QP
6			0.190	28.293	18.265	-25.743	54.037	10.028	AV
7			0.214	46.826	36.838	-16.222	63.049	9.988	QP
8			0.214	25.087	15.100	-27.961	53.049	9.988	AV
9			0.266	44.040	34.027	-17.202	61.242	10.013	QP
10			0.266	20.181	10.169	-31.060	51.242	10.013	AV
11			0.402	40.032	29.918	-17.780	57.812	10.114	QP
12			0.402	28.496	18.382	-19.316	47.812	10.114	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 **804Mesh Dual Wi-Fi** is in compliance with Part 15E of the FCC Rules.

The End