802.11ac-VHT20 Power Spectral Density –Beamforming Mode Ant 1

Channel 52 (5260MHz)

Channel 60 (5300MHz)

Channel 64 (5320MHz)

Channel 100 (5500MHz)

Channel 116 (5580MHz)

Channel 140 (5700MHz)

Channel 144 (5720MHz)

802.11ac-VHT40 Power Spectral Density –Beamforming Mode Ant 1

Channel 54 (5270MHz)

Channel 62 (5310MHz)

Channel 102 (5510MHz)

Channel 110 (5550MHz)

Channel 134 (5670MHz)

Channel 142 (5710MHz)

802.11ac-VHT80 Power Spectral Density –Beamforming Mode Ant 1	
Channel 58 (5290MHz)	Channel 106 (5530MHz)
	
Channel 122 (5610MHz)	Channel 138(5690MHz)
	

6.6. Frequency Stability Measurement

6.6.1. Test Limit

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

6.6.2. Test Procedure Used

Frequency Stability Under Temperature Variations:

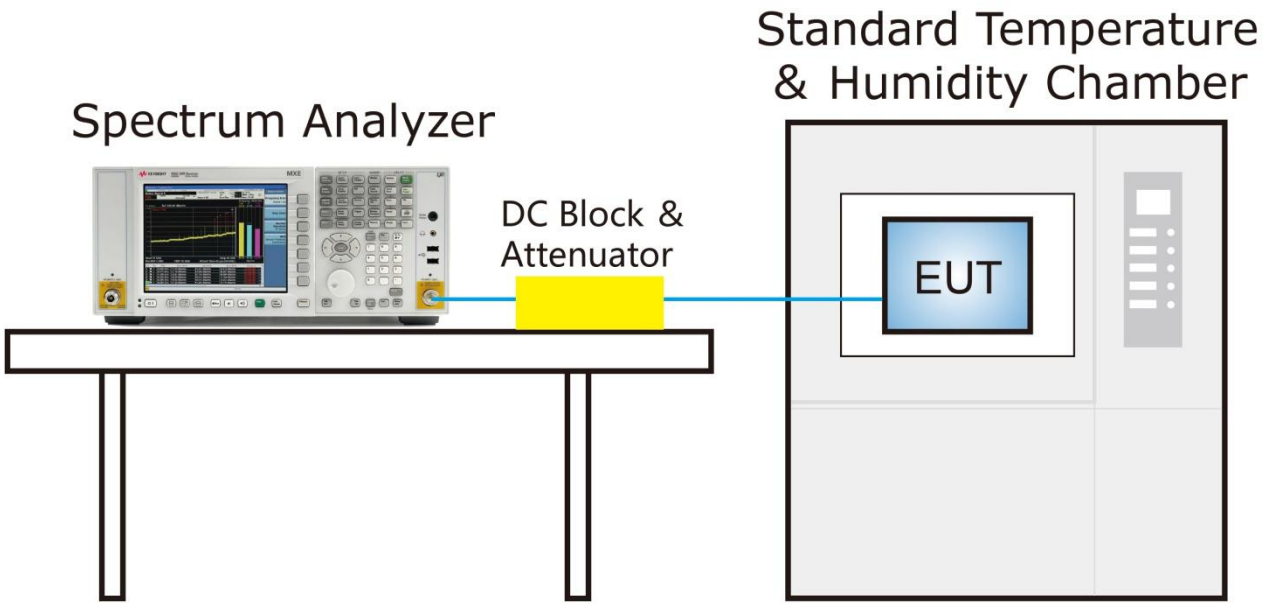
The equipment under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain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

Frequency Stability Under Voltage Variations:

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

Reduce the input voltage to specify extreme voltage variation (±15%) and endpoint, record the maximum frequency change. For hand-carried battery-powered equipment, primary supply voltage is reduced to the battery operating end point which shall be specified by the manufacturer.

6.6.3. Test Setup



6.6.4. Test Result

Test Site	SIP-SR5	Test Engineer	Chase Zhu
Test Date	2021/04/01	Test Mode	5260MHz (Carrier Mode)

Voltage (%)	Power (V_{AC})	Temp (°C)	Frequency Tolerance (ppm)			
			0 minutes	2 minutes	5 minutes	10 minutes
100%	120	- 30	5.95	6.11	6.52	6.60
		- 20	0.68	1.74	2.52	3.43
		- 10	-2.11	-2.12	-1.87	-1.80
		0	-4.52	-4.29	-4.39	-4.34
		+ 10	-7.79	-7.74	-7.74	-7.69
		+ 20	-8.40	-8.46	-8.53	-8.53
		+ 30	-7.45	-7.53	-7.58	-7.64
		+ 40	-7.66	-7.33	-7.16	-6.97
		+ 50	-17.21	-17.05	-17.03	-17.03
115%	138	+ 20	-0.88	-0.89	-1.00	-1.17
85%	102	+ 20	-0.29	-0.45	-0.55	-0.70

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

6.7. Radiated Spurious Emission Measurement

6.7.1. Test Limit

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

FCC Part 15 Subpart C Paragraph 15.209		
Frequency (MHz)	Field Strength (μV/m)	Measured Distance (m)
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

6.7.2. Test Procedure Used

KDB 789033 D02v02r01- Section G

6.7.3. Test Setting

Table 1 - RBW as a function of frequency

Frequency	RBW
9 ~ 150 kHz	200 ~ 300 Hz
0.15 ~ 30 MHz	9 ~ 10 kHz
30 ~ 1000 MHz	100 ~ 120 kHz
> 1000 MHz	1 MHz

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 = as specified in Table 1
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

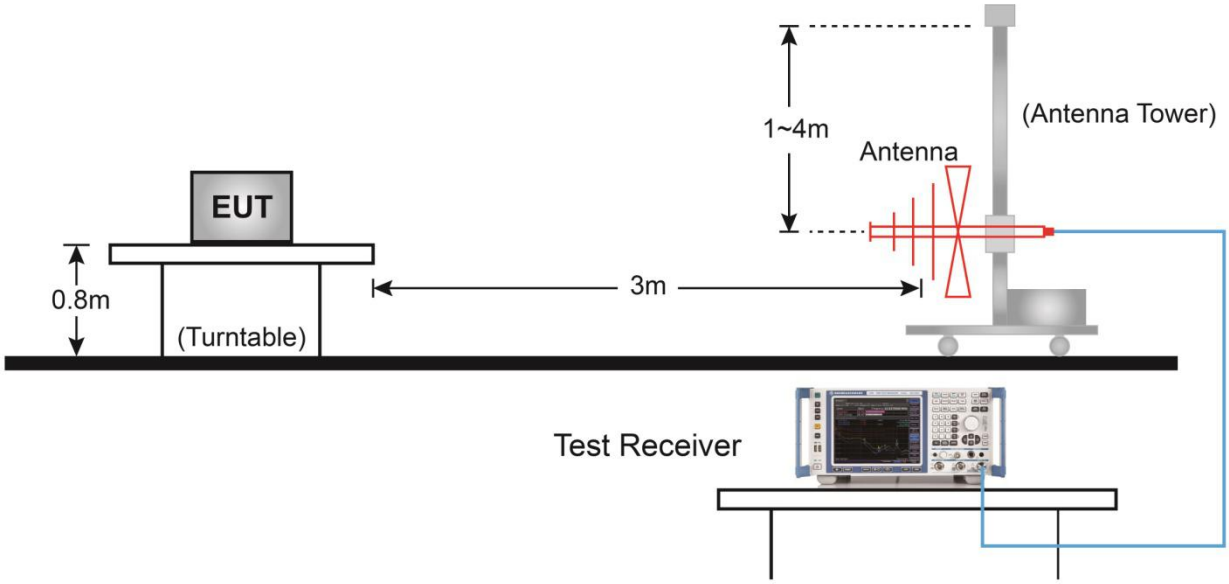
Average Measurements above 1GHz (Method VB)

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW; If the EUT is configured to transmit with duty cycle ≥ 98%, set VBW = 10Hz

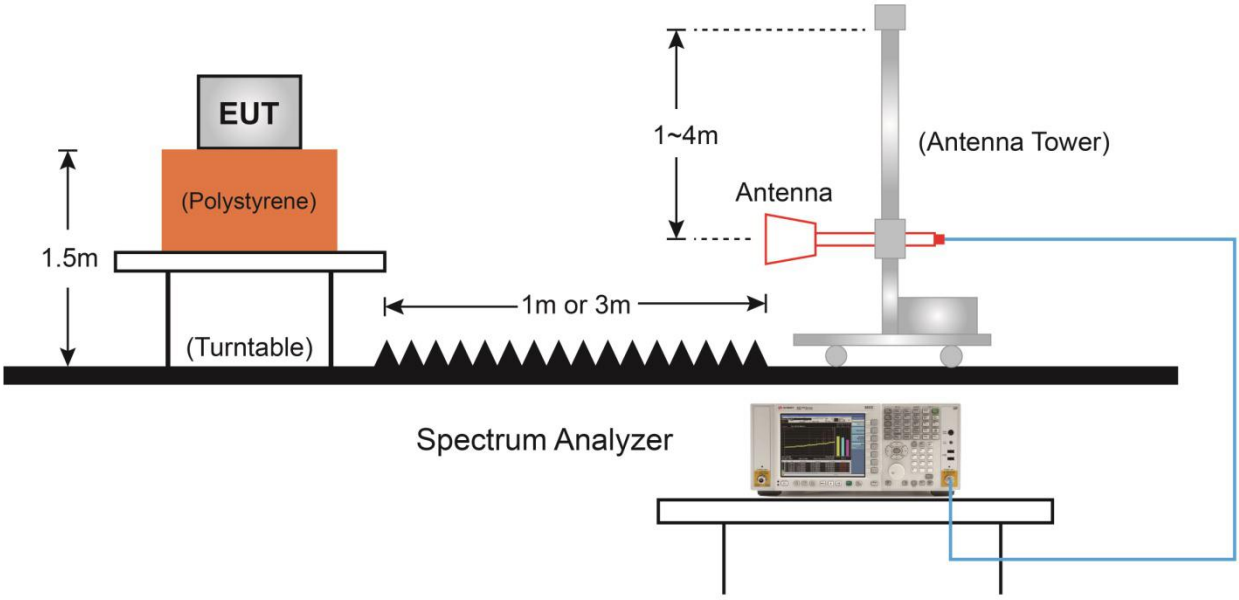
   If the EUT duty cycle is < 98%, set VBW ≥ 1/T. T is the minimum transmission duration
4. Detector = Peak
5. Sweep time = auto
6. Trace mode = max hold
7. Trace was allowed to stabilize

6.7.4. Test Setup

Below 1GHz Test Setup:



Above1GHz Test Setup:



6.7.5. Test Result

Test Site	SIP-AC3	Test Engineer	White Wang
Test Date	2021/03/19	Test Channel	52
Test Mode	802.11a (CDD Mode)		
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
*	10520.0	53.7	-2.9	50.8	68.2	-17.4	Peak	Horizontal
*	13741.5	50.2	0.7	50.9	68.2	-17.3	Peak	Horizontal
	15798.5	47.5	3.9	51.4	74.0	-22.6	Peak	Horizontal
	17906.5	48.1	7.1	55.2	74.0	-18.8	Peak	Horizontal
	17906.5	41.5	7.1	48.6	54.0	-5.4	Average	Horizontal
*	10520.0	58.4	-2.9	55.5	68.2	-12.7	Peak	Vertical
	15781.5	51.4	3.7	55.1	74.0	-18.9	Peak	Vertical
	15781.5	40.5	3.7	44.2	54.0	-9.8	Average	Vertical
*	16691.0	48.1	5.7	53.8	68.2	-14.4	Peak	Vertical
	17787.5	47.1	7.2	54.3	74.0	-19.7	Peak	Vertical
	17787.5	39.5	7.2	46.7	54.0	-7.3	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)

Test Site	SIP-AC3	Test Engineer	White Wang
Test Date	2021/03/19	Test Channel	60
Test Mode	802.11a(CDD Mode)		
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
*	10596.5	54.8	-2.9	51.9	68.2	-16.3	Peak	Horizontal
	15909.0	48.0	4.2	52.2	74.0	-21.8	Peak	Horizontal
*	16886.5	47.6	5.3	52.9	68.2	-15.3	Peak	Horizontal
	17889.5	48.4	7.2	55.6	74.0	-18.4	Peak	Horizontal
*	10596.5	56.0	-2.9	53.1	68.2	-15.1	Peak	Vertical
	15892.0	51.6	4.0	55.6	74.0	-18.4	Peak	Vertical
	15892.0	38.1	4.0	42.1	54.0	-11.9	Average	Vertical
*	16963.0	48.4	5.1	53.5	68.2	-14.7	Peak	Vertical
	17855.5	47.1	7.2	54.3	74.0	-19.7	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	White Wang
Test Date	2021/03/19	Test Channel	64
Test Mode	802.11a(CDD Mode)		
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
	10647.5	54.0	-2.9	51.1	74.0	-22.9	Peak	Horizontal
*	14166.5	49.2	1.9	51.1	68.2	-17.1	Peak	Horizontal
*	16682.5	47.8	5.8	53.6	68.2	-14.6	Peak	Horizontal
	17779.0	47.1	7.3	54.4	74.0	-19.6	Peak	Horizontal
	10647.5	57.0	-2.9	54.1	74.0	-19.9	Peak	Vertical
*	13945.5	49.2	1.1	50.3	68.2	-17.9	Peak	Vertical
	15960.0	51.6	4.5	56.1	74.0	-17.9	Peak	Vertical
	15960.0	41.9	4.5	46.4	54.0	-7.6	Average	Vertical
*	16495.5	47.5	5.2	52.7	68.2	-15.5	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	White Wang
Test Date	2021/03/19	Test Channel	100
Test Mode	802.11a(CDD Mode)		
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
	10996.0	52.1	-2.7	49.4	74.0	-24.6	Peak	Horizontal
*	13843.5	48.8	1.0	49.8	68.2	-18.4	Peak	Horizontal
*	16470.0	47.2	5.9	53.1	68.2	-15.1	Peak	Horizontal
	17821.5	47.5	7.2	54.7	74.0	-19.3	Peak	Horizontal
	17821.5	38.9	7.2	46.1	54.0	-7.9	Average	Horizontal
	10996.0	56.4	-2.7	53.7	74.0	-20.3	Peak	Vertical
*	14268.5	49.0	1.9	50.9	68.2	-17.3	Peak	Vertical
*	16495.5	49.7	5.2	54.9	68.2	-13.3	Peak	Vertical
	17898.0	47.2	7.1	54.3	74.0	-19.7	Peak	Vertical
	17898.0	38.5	7.1	45.6	54.0	-8.4	Average	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	White Wang
Test Date	2021/03/19	Test Channel	116
Test Mode	802.11a(CDD Mode)		
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
	11157.5	52.1	-2.9	49.2	74.0	-24.8	Peak	Horizontal
*	14226.0	48.8	2.0	50.8	68.2	-17.4	Peak	Horizontal
*	16708.0	47.2	5.8	53.0	68.2	-15.2	Peak	Horizontal
	17898.0	47.5	7.1	54.6	74.0	-19.4	Peak	Horizontal
	17898.0	38.7	7.1	45.8	54.0	-8.2	Average	Horizontal
	11157.5	54.8	-2.9	51.9	74.0	-22.1	Peak	Vertical
*	13962.5	48.5	1.3	49.8	68.2	-18.4	Peak	Vertical
	16062.0	47.4	5.2	52.6	74.0	-21.4	Peak	Vertical
*	16742.0	48.3	5.4	53.7	68.2	-14.5	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	White Wang
Test Date	2021/03/19	Test Channel	140
Test Mode	802.11a(CDD Mode)		
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
	11395.5	53.7	-2.9	50.8	74.0	-23.2	Peak	Horizontal
*	14149.5	49.1	1.9	51.0	68.2	-17.2	Peak	Horizontal
*	16699.5	47.8	5.8	53.6	68.2	-14.6	Peak	Horizontal
	17864.0	46.8	7.4	54.2	74.0	-19.8	Peak	Horizontal
	17864.0	37.9	7.4	45.3	54.0	-8.7	Average	Horizontal
	11395.5	54.3	-2.9	51.4	74.0	-22.6	Peak	Vertical
*	13860.5	50.7	1.0	51.7	68.2	-16.5	Peak	Vertical
*	16376.5	47.3	5.4	52.7	68.2	-15.5	Peak	Vertical
	17932.0	47.3	7.1	54.4	74.0	-19.6	Peak	Vertical
	17932.0	38.5	7.1	45.6	54.0	-8.4	Average	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	White Wang
Test Date	2021/03/19	Test Channel	144
Test Mode	802.11a(CDD Mode)		
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
	11438.0	56.0	-3.2	52.8	74.0	-21.2	Peak	Horizontal
*	14336.5	48.9	1.8	50.7	68.2	-17.5	Peak	Horizontal
*	16733.5	47.9	5.4	53.3	68.2	-14.9	Peak	Horizontal
	17881.0	47.1	7.2	54.3	74.0	-19.7	Peak	Horizontal
	17881.0	38.5	7.2	45.7	54.0	-8.3	Average	Horizontal
	11429.5	54.9	-3.2	51.7	74.0	-22.3	Peak	Vertical
*	14081.5	49.0	1.5	50.5	68.2	-17.7	Peak	Vertical
*	16657.0	47.7	5.6	53.3	68.2	-14.9	Peak	Vertical
	17779.0	47.2	7.3	54.5	74.0	-19.5	Peak	Vertical
	17779.0	38.6	7.3	45.9	54.0	-8.1	Average	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	White Wang
Test Date	2021/03/19	Test Channel	52
Test Mode	802.11n-HT20(CDD Mode)		
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
*	10520.0	54.5	-2.9	51.6	68.2	-16.6	Peak	Horizontal
	15807.0	48.0	4.2	52.2	74.0	-21.8	Peak	Horizontal
*	16708.0	47.2	5.8	53.0	68.2	-15.2	Peak	Horizontal
	17770.5	47.6	7.3	54.9	74.0	-19.1	Peak	Horizontal
	17770.5	39.5	7.3	46.8	54.0	-7.2	Average	Horizontal
*	10520.0	57.0	-2.9	54.1	68.2	-14.1	Peak	Vertical
	15790.0	48.7	3.6	52.3	74.0	-21.7	Peak	Vertical
*	16699.5	47.6	5.8	53.4	68.2	-14.8	Peak	Vertical
	17736.5	48.1	6.9	55.0	74.0	-19.0	Peak	Vertical
	17736.5	38.9	6.9	45.8	54.0	-8.2	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)

Test Site	SIP-AC3	Test Engineer	White Wang
Test Date	2021/03/19	Test Channel	60
Test Mode	802.11n-HT20(CDD Mode)		
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
	10605.0	52.3	-2.9	49.4	74.0	-24.6	Peak	Horizontal
*	13639.5	49.1	0.0	49.1	68.2	-19.1	Peak	Horizontal
*	16385.0	47.2	5.5	52.7	68.2	-15.5	Peak	Horizontal
	17864.0	46.8	7.4	54.2	74.0	-19.8	Peak	Horizontal
	17864.0	38.5	7.4	45.9	54.0	-8.1	Average	Horizontal
*	10596.5	54.9	-2.9	52.0	68.2	-16.2	Peak	Vertical
	15900.5	49.0	4.1	53.1	74.0	-20.9	Peak	Vertical
*	16393.5	47.7	5.5	53.2	68.2	-15.0	Peak	Vertical
	17770.5	47.9	7.3	55.2	74.0	-18.8	Peak	Vertical
	17770.5	39.5	7.3	46.8	54.0	-7.2	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)

Test Site	SIP-AC3	Test Engineer	White Wang
Test Date	2021/03/19	Test Channel	64
Test Mode	802.11n-HT20(CDD Mode)		
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
	10639.0	54.1	-2.9	51.2	74.0	-22.8	Peak	Horizontal
*	14030.5	49.5	1.3	50.8	68.2	-17.4	Peak	Horizontal
*	16708.0	47.0	5.8	52.8	68.2	-15.4	Peak	Horizontal
	17838.5	48.7	7.2	55.9	74.0	-18.1	Peak	Horizontal
	17838.5	36.7	7.2	43.9	54.0	-10.1	Average	Horizontal
	10639.0	54.7	-2.9	51.8	74.0	-22.2	Peak	Vertical
*	13945.5	49.8	1.1	50.9	68.2	-17.3	Peak	Vertical
	15968.5	50.3	4.5	54.8	74.0	-19.2	Peak	Vertical
	15968.5	40.4	4.5	44.9	54.0	-9.1	Peak	Vertical
*	16767.5	47.3	5.6	52.9	68.2	-15.3	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)

Test Site	SIP-AC3	Test Engineer	White Wang
Test Date	2021/03/19	Test Channel	100
Test Mode	802.11n-HT20(CDD Mode)		
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
	11004.5	52.7	-2.8	49.9	74.0	-24.1	Peak	Horizontal
*	14243.0	49.3	1.8	51.1	68.2	-17.1	Peak	Horizontal
*	16886.5	48.2	5.3	53.5	68.2	-14.7	Peak	Horizontal
	17787.5	47.1	7.2	54.3	74.0	-19.7	Peak	Horizontal
	17787.5	39.6	7.2	46.8	54.0	-7.2	Average	Horizontal
	10996.0	54.6	-2.7	51.9	74.0	-22.1	Peak	Vertical
*	14064.5	48.7	1.7	50.4	68.2	-17.8	Peak	Vertical
*	16495.5	48.4	5.2	53.6	68.2	-14.6	Peak	Vertical
	17991.5	47.8	6.8	54.6	74.0	-19.4	Peak	Vertical
	17997.5	39.5	6.8	46.3	54.0	-7.7	Average	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	White Wang
Test Date	2021/03/19	Test Channel	116
Test Mode	802.11n-HT20(CDD Mode)		
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
	11166.0	52.2	-2.9	49.3	74.0	-24.7	Peak	Horizontal
*	13860.5	49.5	1.0	50.5	68.2	-17.7	Peak	Horizontal
*	16716.5	48.4	5.7	54.1	68.2	-14.1	Peak	Horizontal
	17864.0	47.0	7.4	54.4	74.0	-19.6	Peak	Horizontal
	17864.0	37.8	7.4	45.2	54.0	-8.8	Average	Horizontal
	11157.5	54.5	-2.9	51.6	74.0	-22.4	Peak	Vertical
*	14608.5	47.9	2.7	50.6	68.2	-17.6	Peak	Vertical
*	16733.5	48.7	5.4	54.1	68.2	-14.1	Peak	Vertical
	17855.5	48.1	7.2	55.3	74.0	-18.7	Peak	Vertical
	17855.5	39.2	7.2	46.4	54.0	-7.6	Average	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	White Wang
Test Date	2021/03/19	Test Channel	140
Test Mode	802.11n-HT20(CDD Mode)		
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
	11395.5	52.9	-2.9	50.0	74.0	-24.0	Peak	Horizontal
*	13945.5	48.9	1.1	50.0	68.2	-18.2	Peak	Horizontal
*	16368.0	47.1	5.2	52.3	68.2	-15.9	Peak	Horizontal
	17864.0	47.0	7.4	54.4	74.0	-19.6	Peak	Horizontal
	17864.0	38.7	7.4	46.1	54.0	-7.9	Average	Horizontal
	11395.5	55.5	-2.9	52.6	74.0	-21.4	Peak	Vertical
*	14107.0	49.3	1.4	50.7	68.2	-17.5	Peak	Vertical
*	16665.5	47.1	5.7	52.8	68.2	-15.4	Peak	Vertical
	17787.5	47.6	7.2	54.8	74.0	-19.2	Peak	Vertical
	17787.5	38.5	7.2	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)

Test Site	SIP-AC3	Test Engineer	White Wang
Test Date	2021/03/19	Test Channel	144
Test Mode	802.11n-HT20(CDD Mode)		
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
	11438.0	54.1	-3.2	50.9	74.0	-23.1	Peak	Horizontal
*	14234.5	49.5	1.9	51.4	68.2	-16.8	Peak	Horizontal
*	16504.0	48.3	5.3	53.6	68.2	-14.6	Peak	Horizontal
	17881.0	47.2	7.2	54.4	74.0	-19.6	Peak	Horizontal
	17881.0	38.5	7.2	45.7	54.0	-8.3	Average	Horizontal
	11438.0	56.7	-3.2	53.5	74.0	-20.5	Peak	Vertical
	11438.0	43.9	-3.2	40.7	54.0	-13.3	Average	Vertical
*	14132.5	48.5	1.8	50.3	68.2	-17.9	Peak	Vertical
*	16708.0	46.7	5.8	52.5	68.2	-15.7	Peak	Vertical
	17864.0	47.1	7.4	54.5	74.0	-19.5	Peak	Vertical
	17864.0	38.5	7.4	45.9	54.0	-8.1	Average	Vertical

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

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

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

Test Site	WZ-AC1	Test Engineer	Buter Shi
Test Date	2021/02/02	Test Channel	54
Test Mode	802.11n-HT40(CDD Mode)		
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8692.5	37.4	12.1	49.5	68.2	-18.7	Peak	Horizontal
*	10494.5	38.8	15.1	53.9	68.2	-14.3	Peak	Horizontal
	12033.0	37.6	14.6	52.2	74.0	-21.8	Peak	Horizontal
	15416.0	37.0	15.2	52.2	74.0	-21.8	Peak	Horizontal
*	8692.5	35.2	12.1	47.3	68.2	-20.9	Peak	Vertical
*	10486.0	38.3	15.4	53.7	68.2	-14.5	Peak	Vertical
	12033.0	38.1	14.6	52.7	74.0	-21.3	Peak	Vertical
	15900.5	37.7	14.5	52.2	74.0	-21.8	Peak	Vertical

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

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

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

Test Site	WZ-AC1	Test Engineer	Buter Shi
Test Date	2021/02/02	Test Channel	62
Test Mode	802.11n-HT40(CDD Mode)		
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
*	8616.0	36.9	11.7	48.6	68.2	-19.6	Peak	Horizontal
*	10163.0	36.7	14.2	50.9	68.2	-17.3	Peak	Horizontal
	11897.0	37.9	15.0	52.9	74.0	-21.1	Peak	Horizontal
	15569.0	36.6	15.3	51.9	74.0	-22.1	Peak	Horizontal
*	8692.5	36.8	12.1	48.9	68.2	-19.3	Peak	Vertical
*	10579.5	36.8	15.2	52.0	68.2	-16.2	Peak	Vertical
	11463.5	37.2	15.4	52.6	74.0	-21.4	Peak	Vertical
	15875.0	37.3	14.7	52.0	74.0	-22.0	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)

Test Site	WZ-AC1	Test Engineer	Buter Shi
Test Date	2021/02/02	Test Channel	102
Test Mode	802.11n-HT40(CDD Mode)		
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
*	8913.5	37.0	12.1	49.1	68.2	-19.1	Peak	Horizontal
*	10188.5	37.2	14.8	52.0	68.2	-16.2	Peak	Horizontal
	11659.0	37.4	15.0	52.4	74.0	-21.6	Peak	Horizontal
	15645.5	36.6	15.2	51.8	74.0	-22.2	Peak	Horizontal
*	8701.0	37.1	12.0	49.1	68.2	-19.1	Peak	Vertical
*	10146.0	36.3	14.4	50.7	68.2	-17.5	Peak	Vertical
	10979.0	38.0	15.6	53.6	74.0	-20.4	Peak	Vertical
	15492.5	37.8	15.1	52.9	74.0	-21.1	Peak	Vertical

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

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

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

Test Site	WZ-AC1	Test Engineer	Buter Shi
Test Date	2021/02/02	Test Channel	110
Test Mode	802.11n-HT40(CDD Mode)		
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8726.5	36.6	11.9	48.5	68.2	-19.7	Peak	Horizontal
*	10129.0	37.6	14.8	52.4	68.2	-15.8	Peak	Horizontal
	11744.0	37.3	14.9	52.2	74.0	-21.8	Peak	Horizontal
	15637.0	36.7	15.1	51.8	74.0	-22.2	Peak	Horizontal
*	8582.0	36.9	11.7	48.6	68.2	-19.6	Peak	Vertical
*	9746.5	36.2	14.5	50.7	68.2	-17.5	Peak	Vertical
	11055.5	37.9	15.2	53.1	74.0	-20.9	Peak	Vertical
	15577.5	36.4	15.4	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)

Test Site	WZ-AC1	Test Engineer	Buter Shi
Test Date	2021/02/02	Test Channel	134
Test Mode	802.11n-HT40(CDD Mode)		
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
*	8616.0	37.2	11.7	48.9	68.2	-19.3	Peak	Horizontal
*	10528.5	36.4	15.3	51.7	68.2	-16.5	Peak	Horizontal
	11081.0	36.8	15.5	52.3	74.0	-21.7	Peak	Horizontal
	15790.0	37.5	14.7	52.2	74.0	-21.8	Peak	Horizontal
*	8769.0	35.4	11.9	47.3	68.2	-20.9	Peak	Vertical
*	9755.0	36.1	14.5	50.6	68.2	-17.6	Peak	Vertical
	11302.0	37.5	15.1	52.6	74.0	-21.4	Peak	Vertical
	16104.5	38.4	14.5	52.9	74.0	-21.1	Peak	Vertical

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

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

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

Test Site	WZ-AC1	Test Engineer	Buter Shi
Test Date	2021/02/02	Test Channel	142
Test Mode	802.11n-HT40(CDD Mode)		
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8692.5	36.9	12.1	49.0	68.2	-19.2	Peak	Horizontal
*	10180.0	35.7	14.8	50.5	68.2	-17.7	Peak	Horizontal
	11004.5	36.2	15.6	51.8	74.0	-22.2	Peak	Horizontal
	15747.5	37.9	14.6	52.5	74.0	-21.5	Peak	Horizontal
*	8777.5	35.6	11.8	47.4	68.2	-20.8	Peak	Vertical
*	10358.5	35.5	15.2	50.7	68.2	-17.5	Peak	Vertical
	10945.0	36.6	15.8	52.4	74.0	-21.6	Peak	Vertical
	15722.0	37.0	14.7	51.7	74.0	-22.3	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	White Wang
Test Date	2021/03/19	Test Channel	52
Test Mode	802.11ac-VHT20(CDD Mode)		
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
*	10520.0	52.8	-2.9	49.9	68.2	-18.3	Peak	Horizontal
	15747.5	47.0	4.3	51.3	74.0	-22.7	Peak	Horizontal
*	16461.5	47.2	5.6	52.8	68.2	-15.4	Peak	Horizontal
	17864.0	47.1	7.4	54.5	74.0	-19.5	Peak	Horizontal
*	10520.0	57.8	-2.9	54.9	68.2	-13.3	Peak	Vertical
	15781.5	49.9	3.7	53.6	74.0	-20.4	Average	Vertical
	15781.5	42.6	3.7	46.3	54.0	-7.7	Peak	Vertical
*	16427.5	48.0	4.7	52.7	68.2	-15.5	Peak	Vertical
	17855.5	47.7	7.2	54.9	74.0	-19.1	Peak	Vertical
	17855.5	39.1	7.2	46.3	54.0	-7.7	Average	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	White Wang
Test Date	2021/03/19	Test Channel	60
Test Mode	802.11ac-VHT20(CDD Mode)		
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
*	10596.5	53.6	-2.9	50.7	68.2	-17.5	Peak	Horizontal
	15824.0	47.0	4.5	51.5	74.0	-22.5	Peak	Horizontal
*	16691.0	47.1	5.7	52.8	68.2	-15.4	Peak	Horizontal
	17881.0	47.2	7.2	54.4	74.0	-19.6	Peak	Horizontal
	17881.0	39.5	7.2	46.7	54.0	-7.3	Average	Horizontal
*	10596.5	53.3	-2.9	50.4	68.2	-17.8	Peak	Vertical
*	13767.0	48.7	0.6	49.3	68.2	-18.9	Peak	Vertical
	16062.0	48.1	5.2	53.3	74.0	-20.7	Peak	Vertical
	17762.0	47.1	7.3	54.4	74.0	-19.6	Peak	Vertical
	17762.0	39.2	7.3	46.5	54.0	-7.5	Average	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	White Wang
Test Date	2021/03/19	Test Channel	64
Test Mode	802.11ac-VHT20(CDD Mode)		
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
	10630.5	53.3	-2.9	50.4	74.0	-23.6	Peak	Horizontal
*	14319.5	48.9	1.8	50.7	68.2	-17.5	Peak	Horizontal
*	16682.5	47.2	5.8	53.0	68.2	-15.2	Peak	Horizontal
	17872.5	47.2	7.3	54.5	74.0	-19.5	Peak	Horizontal
	17872.5	36.6	7.3	43.9	54.0	-10.1	Average	Horizontal
	10647.5	54.8	-2.9	51.9	74.0	-22.1	Peak	Vertical
*	14209.0	49.2	1.8	51.0	68.2	-17.2	Peak	Vertical
*	16699.5	47.7	5.8	53.5	68.2	-14.7	Peak	Vertical
	17881.0	46.9	7.2	54.1	74.0	-19.9	Peak	Vertical
	17881.0	35.1	7.2	42.3	54.0	-11.7	Average	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	White Wang
Test Date	2021/03/19	Test Channel	100
Test Mode	802.11ac-VHT20(CDD Mode)		
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
	10996.0	50.1	-2.7	47.4	74.0	-26.6	Peak	Horizontal
*	14132.5	48.7	1.8	50.5	68.2	-17.7	Peak	Horizontal
*	16725.0	47.4	5.5	52.9	68.2	-15.3	Peak	Horizontal
	17872.5	47.3	7.3	54.6	74.0	-19.4	Peak	Horizontal
	17872.5	39.2	7.3	46.5	54.0	-7.5	Average	Horizontal
	10996.0	53.3	-2.7	50.6	74.0	-23.4	Peak	Vertical
*	14090.0	48.8	1.4	50.2	68.2	-18.0	Peak	Vertical
*	16504.0	49.7	5.3	55.0	68.2	-13.2	Peak	Vertical
	17906.5	47.1	7.1	54.2	74.0	-19.8	Peak	Vertical
	17906.5	39.1	7.1	46.2	54.0	-7.8	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)

Test Site	SIP-AC3	Test Engineer	White Wang
Test Date	2021/03/19	Test Channel	116
Test Mode	802.11ac-VHT20(CDD Mode)		
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
*	14039.0	49.5	1.4	50.9	68.2	-17.3	Peak	Horizontal
	15832.5	48.4	4.5	52.9	74.0	-21.1	Peak	Horizontal
*	16665.5	47.9	5.7	53.6	68.2	-14.6	Peak	Horizontal
	17770.5	47.7	7.3	55.0	74.0	-19.0	Peak	Horizontal
	17770.5	39.5	7.3	46.8	54.0	-7.2	Average	Horizontal
	11166.0	55.8	-2.9	52.9	74.0	-21.1	Peak	Vertical
*	14107.0	49.9	1.4	51.3	68.2	-16.9	Peak	Vertical
*	16708.0	48.1	5.8	53.9	68.2	-14.3	Peak	Vertical
	17762.0	47.8	7.3	55.1	74.0	-18.9	Peak	Vertical
	17762.0	39.4	7.3	46.7	54.0	-7.3	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)

Test Site	SIP-AC3	Test Engineer	White Wang
Test Date	2021/03/19	Test Channel	140
Test Mode	802.11ac-VHT20(CDD Mode)		
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
*	14226.0	49.2	2.0	51.2	68.2	-17.0	Peak	Horizontal
	16062.0	46.9	5.2	52.1	74.0	-21.9	Peak	Horizontal
*	16818.5	47.3	5.3	52.6	68.2	-15.6	Peak	Horizontal
	17838.5	47.9	7.2	55.1	74.0	-18.9	Peak	Horizontal
	17838.5	39.5	7.2	46.7	54.0	-7.3	Average	Horizontal
	11404.0	55.1	-3.0	52.1	74.0	-21.9	Peak	Vertical
*	14217.5	49.0	1.9	50.9	68.2	-17.3	Peak	Vertical
*	16716.5	47.4	5.7	53.1	68.2	-15.1	Peak	Vertical
	17787.5	47.4	7.2	54.6	74.0	-19.4	Peak	Vertical
	17787.5	38.9	7.2	46.1	54.0	-7.9	Average	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	White Wang
Test Date	2021/03/19	Test Channel	144
Test Mode	802.11ac-VHT20(CDD Mode)		
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
	11429.5	52.4	-3.2	49.2	74.0	-24.8	Peak	Horizontal
*	14574.5	47.8	2.7	50.5	68.2	-17.7	Peak	Horizontal
*	16716.5	47.3	5.7	53.0	68.2	-15.2	Peak	Horizontal
	17745.0	47.5	7.0	54.5	74.0	-19.5	Peak	Horizontal
	17745.0	36.8	7.0	43.8	54.0	-10.2	Average	Horizontal
	11446.5	55.8	-3.2	52.6	74.0	-21.4	Peak	Vertical
*	14719.0	48.3	2.6	50.9	68.2	-17.3	Peak	Vertical
*	16708.0	47.6	5.8	53.4	68.2	-14.8	Peak	Vertical
	17898.0	47.5	7.1	54.6	74.0	-19.4	Peak	Vertical
	17898.0	35.0	7.1	42.1	54.0	-11.9	Average	Vertical

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

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

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

Test Site	WZ-AC1	Test Engineer	Buter Shi
Test Date	2021/02/02	Test Channel	54
Test Mode	802.11ac-VHT40(CDD Mode)		
Remark	3. Average measurement was not performed if peak level lower than average limit. 4. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8709.5	37.0	11.9	48.9	68.2	-19.3	Peak	Horizontal
*	10494.5	37.3	15.1	52.4	68.2	-15.8	Peak	Horizontal
	10877.0	36.7	15.7	52.4	74.0	-21.6	Peak	Horizontal
	15518.0	37.1	15.0	52.1	74.0	-21.9	Peak	Horizontal
*	8692.5	36.7	12.1	48.8	68.2	-19.4	Peak	Vertical
*	10503.0	38.9	14.9	53.8	68.2	-14.4	Peak	Vertical
	11489.0	37.0	15.6	52.6	74.0	-21.4	Peak	Vertical
	15645.5	37.4	15.2	52.6	74.0	-21.4	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)

Test Site	WZ-AC1	Test Engineer	Buter Shi
Test Date	2021/02/02	Test Channel	62
Test Mode	802.11ac-VHT40(CDD Mode)		
Remark	3. Average measurement was not performed if peak level lower than average limit. 4. 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
*	8905.0	36.3	12.2	48.5	68.2	-19.7	Peak	Horizontal
*	9593.5	37.3	13.8	51.1	68.2	-17.1	Peak	Horizontal
	11625.0	37.5	15.0	52.5	74.0	-21.5	Peak	Horizontal
	15807.0	36.9	14.9	51.8	74.0	-22.2	Peak	Horizontal
*	8726.5	37.0	11.9	48.9	68.2	-19.3	Peak	Vertical
*	9721.0	37.5	14.2	51.7	68.2	-16.5	Peak	Vertical
	11599.5	36.7	15.4	52.1	74.0	-21.9	Peak	Vertical
	15875.0	37.3	14.7	52.0	74.0	-22.0	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)

Test Site	WZ-AC1	Test Engineer	Buter Shi
Test Date	2021/02/02	Test Channel	102
Test Mode	802.11ac-VHT40(CDD Mode)		
Remark	3. Average measurement was not performed if peak level lower than average limit. 4. 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
*	8624.5	37.7	11.6	49.3	68.2	-18.9	Peak	Horizontal
*	10256.5	37.1	14.5	51.6	68.2	-16.6	Peak	Horizontal
	11489.0	36.3	15.6	51.9	74.0	-22.1	Peak	Horizontal
	15883.5	38.1	14.6	52.7	74.0	-21.3	Peak	Horizontal
	8658.5	37.3	11.9	49.2	68.2	-19.0	Peak	Vertical
*	10469.0	35.9	15.1	51.0	68.2	-17.2	Peak	Vertical
	10979.0	37.0	15.6	52.6	74.0	-21.4	Peak	Vertical
	15475.5	37.2	15.2	52.4	74.0	-21.6	Peak	Vertical

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

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

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

Test Site	WZ-AC1	Test Engineer	Buter Shi
Test Date	2021/02/02	Test Channel	110
Test Mode	802.11ac-VHT40(CDD Mode)		
Remark	3. Average measurement was not performed if peak level lower than average limit. 4. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8692.5	37.8	12.1	49.9	68.2	-18.3	Peak	Horizontal
*	10426.5	37.1	15.2	52.3	68.2	-15.9	Peak	Horizontal
	11472.0	38.2	15.4	53.6	74.0	-20.4	Peak	Horizontal
	15450.0	36.9	15.6	52.5	74.0	-21.5	Peak	Horizontal
*	8879.5	37.8	11.9	49.7	68.2	-18.5	Peak	Vertical
*	10528.5	36.8	15.3	52.1	68.2	-16.1	Peak	Vertical
	10877.0	38.3	15.7	54.0	74.0	-20.0	Peak	Vertical
	15569.0	38.1	15.3	53.4	74.0	-20.6	Peak	Vertical

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

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

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

Test Site	WZ-AC1	Test Engineer	Buter Shi
Test Date	2021/02/02	Test Channel	134
Test Mode	802.11ac-VHT40(CDD Mode)		
Remark	3. Average measurement was not performed if peak level lower than average limit. 4. 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
*	8820.0	36.6	12.3	48.9	68.2	-19.3	Peak	Horizontal
*	10324.5	36.9	14.9	51.8	68.2	-16.4	Peak	Horizontal
	10800.5	37.0	15.0	52.0	74.0	-22.0	Peak	Horizontal
	15492.5	36.2	15.1	51.3	74.0	-22.7	Peak	Horizontal
*	8752.0	37.5	12.0	49.5	68.2	-18.7	Peak	Vertical
*	10358.5	37.0	15.2	52.2	68.2	-16.0	Peak	Vertical
	11302.0	38.6	15.1	53.7	74.0	-20.3	Peak	Vertical
	15951.5	37.7	14.7	52.4	74.0	-21.6	Peak	Vertical

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

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

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

Test Site	WZ-AC1	Test Engineer	Buter Shi
Test Date	2021/02/02	Test Channel	142
Test Mode	802.11ac-VHT40(CDD Mode)		
Remark	3. Average measurement was not performed if peak level lower than average limit. 4. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8735.0	37.4	11.9	49.3	68.2	-18.9	Peak	Horizontal
*	10477.5	36.1	15.3	51.4	68.2	-16.8	Peak	Horizontal
	12152.0	38.2	14.7	52.9	74.0	-21.1	Peak	Horizontal
	15671.0	37.5	15.0	52.5	74.0	-21.5	Peak	Horizontal
*	8582.0	36.4	11.7	48.1	68.2	-20.1	Peak	Vertical
*	10188.5	36.5	14.8	51.3	68.2	-16.9	Peak	Vertical
	11599.5	37.1	15.4	52.5	74.0	-21.5	Peak	Vertical
	15569.0	37.0	15.3	52.3	74.0	-21.7	Peak	Vertical

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

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

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

Test Site	WZ-AC1	Test Engineer	Buter Shi
Test Date	2021/02/02	Test Channel	58
Test Mode	802.11ac-VHT80(CDD Mode)		
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8633.0	38.4	11.4	49.8	68.2	-18.4	Peak	Horizontal
*	10188.5	36.2	14.8	51.0	68.2	-17.2	Peak	Horizontal
	11599.5	37.3	15.4	52.7	74.0	-21.3	Peak	Horizontal
	15620.0	37.3	15.0	52.3	74.0	-21.7	Peak	Horizontal
*	8811.5	35.8	12.3	48.1	68.2	-20.1	Peak	Vertical
*	10350.0	36.4	15.0	51.4	68.2	-16.8	Peak	Vertical
	11455.0	36.7	15.3	52.0	74.0	-22.0	Peak	Vertical
	15620.0	37.4	15.0	52.4	74.0	-21.6	Peak	Vertical

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

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

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

Test Site	WZ-AC1	Test Engineer	Buter Shi
Test Date	2021/02/02	Test Channel	106
Test Mode	802.11ac-VHT80(CDD Mode)		
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8692.5	37.1	12.1	49.2	68.2	-19.0	Peak	Horizontal
*	10129.0	36.5	14.8	51.3	68.2	-16.9	Peak	Horizontal
	11531.5	37.4	15.3	52.7	74.0	-21.3	Peak	Horizontal
	15645.5	36.9	15.2	52.1	74.0	-21.9	Peak	Horizontal
*	8735.0	36.5	11.9	48.4	68.2	-19.8	Peak	Vertical
*	9712.5	36.3	14.2	50.5	68.2	-17.7	Peak	Vertical
	11140.5	36.6	15.2	51.8	74.0	-22.2	Peak	Vertical
	15535.0	37.2	14.9	52.1	74.0	-21.9	Peak	Vertical

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

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

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

Test Site	WZ-AC1	Test Engineer	Buter Shi
Test Date	2021/02/02	Test Channel	122
Test Mode	802.11ac-VHT80(CDD Mode)		
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
*	8854.0	38.0	11.7	49.7	68.2	-18.5	Peak	Horizontal
*	10469.0	36.4	15.1	51.5	68.2	-16.7	Peak	Horizontal
	10987.5	36.8	15.7	52.5	74.0	-21.5	Peak	Horizontal
	15951.5	38.0	14.7	52.7	74.0	-21.3	Peak	Horizontal
*	8726.5	37.0	11.9	48.9	68.2	-19.3	Peak	Vertical
*	10120.5	36.1	14.6	50.7	68.2	-17.5	Peak	Vertical
	11429.5	36.5	15.3	51.8	74.0	-22.2	Peak	Vertical
	15492.5	36.6	15.1	51.7	74.0	-22.3	Peak	Vertical

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

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

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

Test Site	WZ-AC1	Test Engineer	Buter Shi
Test Date	2021/02/03	Test Channel	138
Test Mode	802.11ac-VHT80(CDD Mode)		
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
*	8590.5	37.2	11.5	48.7	68.2	-19.5	Peak	Horizontal
*	10273.5	37.1	14.7	51.8	68.2	-16.4	Peak	Horizontal
	11506.0	37.5	15.3	52.8	74.0	-21.2	Peak	Horizontal
	15620.0	36.4	15.0	51.4	74.0	-22.6	Peak	Horizontal
*	8735.0	35.5	11.9	47.4	68.2	-20.8	Peak	Vertical
*	9874.0	35.8	14.7	50.5	68.2	-17.7	Peak	Vertical
	11072.5	37.4	15.3	52.7	74.0	-21.3	Peak	Vertical
	15577.5	36.6	15.4	52.0	74.0	-22.0	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)

Test Site	SIP-AC3	Test Engineer	White Wang
Test Date	2021/03/23	Test Channel	52
Test Mode	802.11n-HT20(Beamforming mode)		
Remark	3. Average measurement was not performed if peak level lower than average limit. 4. 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
*	14591.5	48.8	2.6	51.4	68.2	-16.8	Peak	Horizontal
	15747.5	47.8	4.3	52.1	74.0	-21.9	Peak	Horizontal
*	16716.5	47.5	5.7	53.2	68.2	-15.0	Peak	Horizontal
	17779.0	47.9	7.3	55.2	74.0	-18.8	Peak	Horizontal
	17779.0	38.9	7.3	46.2	54.0	-7.8	Average	Horizontal
*	14166.5	49.1	1.9	51.0	68.2	-17.2	Peak	Vertical
	15849.5	47.8	4.3	52.1	74.0	-21.9	Peak	Vertical
*	16546.5	48.3	4.9	53.2	68.2	-15.0	Peak	Vertical
	17991.5	47.6	6.8	54.4	74.0	-19.6	Peak	Vertical
	17991.5	38.6	6.8	45.4	54.0	-8.6	Average	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	White Wang
Test Date	2021/03/23	Test Channel	60
Test Mode	802.11n-HT20(Beamforming mode)		
Remark	3. Average measurement was not performed if peak level lower than average limit. 4. 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
*	14285.5	49.9	1.9	51.8	68.2	-16.4	Peak	Horizontal
	16147.0	48.5	5.2	53.7	74.0	-20.3	Peak	Horizontal
*	16903.5	47.9	5.3	53.2	68.2	-15.0	Peak	Horizontal
	17889.5	47.5	7.2	54.7	74.0	-19.3	Peak	Horizontal
	17889.5	39.7	7.2	46.9	54.0	-7.1	Average	Horizontal
*	14379.0	49.2	2.1	51.3	68.2	-16.9	Peak	Vertical
	15824.0	48.4	4.5	52.9	74.0	-21.1	Peak	Vertical
*	17107.5	48.9	4.7	53.6	68.2	-14.6	Peak	Vertical
	17906.5	47.9	7.1	55.0	74.0	-19.0	Peak	Vertical
	17906.5	39.8	7.1	46.9	54.0	-7.1	Average	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	White Wang
Test Date	2021/03/23	Test Channel	64
Test Mode	802.11n-HT20(Beamforming mode)		
Remark	3. Average measurement was not performed if peak level lower than average limit. 4. 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
*	14209.0	48.9	1.8	50.7	68.2	-17.5	Peak	Horizontal
	16036.5	48.6	4.1	52.7	74.0	-21.3	Peak	Horizontal
*	16504.0	48.2	5.3	53.5	68.2	-14.7	Peak	Horizontal
	17881.0	47.9	7.2	55.1	74.0	-18.9	Peak	Horizontal
	17881.0	38.4	7.2	45.6	54.0	-8.4	Average	Horizontal
*	14846.5	49.0	2.7	51.7	68.2	-16.5	Peak	Vertical
	15960.0	48.1	4.5	52.6	74.0	-21.4	Peak	Vertical
*	16895.0	48.0	5.3	53.3	68.2	-14.9	Peak	Vertical
	17745.0	48.4	7.0	55.4	74.0	-18.6	Peak	Vertical
	17745.0	39.6	7.0	46.6	54.0	-7.4	Average	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	White Wang
Test Date	2021/03/23	Test Channel	100
Test Mode	802.11n-HT20(Beamforming mode)		
Remark	3. Average measurement was not performed if peak level lower than average limit. 4. 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
*	15246.0	48.2	3.2	51.4	68.2	-16.8	Peak	Horizontal
	15875.0	48.8	3.9	52.7	74.0	-21.3	Peak	Horizontal
*	16699.5	47.1	5.8	52.9	68.2	-15.3	Peak	Horizontal
	17864.0	47.4	7.4	54.8	74.0	-19.2	Peak	Horizontal
	17864.0	39.6	7.4	47.0	54.0	-7.0	Average	Horizontal
*	14047.5	50.0	1.6	51.6	68.2	-16.6	Peak	Vertical
	15433.0	48.1	3.7	51.8	74.0	-22.2	Peak	Vertical
*	17371.0	47.4	6.3	53.7	68.2	-14.5	Peak	Vertical
	17991.5	47.7	6.8	54.5	74.0	-19.5	Peak	Vertical
	17991.5	38.7	6.8	45.5	54.0	-8.5	Average	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	White Wang
Test Date	2021/03/23	Test Channel	116
Test Mode	802.11n-HT20(Beamforming mode)		
Remark	3. Average measurement was not performed if peak level lower than average limit. 4. 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
*	14277.0	48.9	1.9	50.8	68.2	-17.4	Peak	Horizontal
	15424.5	48.3	3.4	51.7	74.0	-22.3	Peak	Horizontal
*	16206.5	49.4	4.2	53.6	68.2	-14.6	Peak	Horizontal
	17762.0	47.9	7.3	55.2	74.0	-18.8	Peak	Horizontal
	17762.0	39.7	7.3	47.0	54.0	-7.0	Average	Horizontal
*	14183.5	49.7	1.8	51.5	68.2	-16.7	Peak	Vertical
	15900.5	47.9	4.1	52.0	74.0	-22.0	Peak	Vertical
*	16716.5	47.8	5.7	53.5	68.2	-14.7	Peak	Vertical
	17864.0	47.8	7.4	55.2	74.0	-18.8	Peak	Vertical
	17864.0	39.1	7.4	46.5	54.0	-7.5	Average	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	White Wang
Test Date	2021/03/23	Test Channel	140
Test Mode	802.11n-HT20(Beamforming mode)		
Remark	3. Average measurement was not performed if peak level lower than average limit. 4. 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
*	14617.0	48.0	2.8	50.8	68.2	-17.4	Peak	Horizontal
	16147.0	48.3	5.2	53.5	74.0	-20.5	Peak	Horizontal
*	16699.5	47.9	5.8	53.7	68.2	-14.5	Peak	Horizontal
	17847.0	47.9	7.0	54.9	74.0	-19.1	Peak	Horizontal
	17847.0	38.6	7.0	45.6	54.0	-8.4	Average	Horizontal
*	14081.5	49.2	1.5	50.7	68.2	-17.5	Peak	Vertical
	16147.0	48.2	5.2	53.4	74.0	-20.6	Peak	Vertical
*	16699.5	47.1	5.8	52.9	68.2	-15.3	Peak	Vertical
	17898.0	48.0	7.1	55.1	74.0	-18.9	Peak	Vertical
	17898.0	39.5	7.1	46.6	54.0	-7.4	Average	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	White Wang
Test Date	2021/03/23	Test Channel	144
Test Mode	802.11n-HT20(Beamforming mode)		
Remark	3. Average measurement was not performed if peak level lower than average limit. 4. 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
*	14370.5	49.2	2.0	51.2	68.2	-17.0	Peak	Horizontal
	16053.5	47.7	5.0	52.7	74.0	-21.3	Peak	Horizontal
*	16767.5	48.1	5.6	53.7	68.2	-14.5	Peak	Horizontal
	17762.0	48.0	7.3	55.3	74.0	-18.7	Peak	Horizontal
	17762.0	39.6	7.3	46.9	54.0	-7.1	Average	Horizontal
*	14855.0	48.5	2.6	51.1	68.2	-17.1	Peak	Vertical
	16053.5	47.9	5.0	52.9	74.0	-21.1	Peak	Vertical
*	16733.5	48.1	5.4	53.5	68.2	-14.7	Peak	Vertical
	17762.0	47.4	7.3	54.7	74.0	-19.3	Peak	Vertical
	17762.0	39.4	7.3	46.7	54.0	-7.3	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)

Test Site	SIP-AC3	Test Engineer	White Wang
Test Date	2021/03/31	Test Channel	54
Test Mode	802.11n-HT40(Beamforming mode)		
Remark	5. Average measurement was not performed if peak level lower than average limit. 6. 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
	12101.0	50.6	-2.0	48.6	74.0	-25.4	Peak	Horizontal
*	14166.5	48.4	1.9	50.3	68.2	-17.9	Peak	Horizontal
	15824.0	47.6	4.5	52.1	74.0	-21.9	Peak	Horizontal
*	16674.0	47.5	5.8	53.3	68.2	-14.9	Peak	Horizontal
	12296.5	50.7	-1.9	48.8	74.0	-25.2	Peak	Vertical
*	14608.5	48.4	2.7	51.1	68.2	-17.1	Peak	Vertical
*	17371.0	47.4	6.3	53.7	68.2	-14.5	Peak	Vertical
	17804.5	47.5	7.1	54.6	74.0	-19.4	Peak	Vertical
	17804.5	39.6	7.1	46.7	54.0	-7.3	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)

Test Site	SIP-AC3	Test Engineer	White Wang
Test Date	2021/03/31	Test Channel	62
Test Mode	802.11n-HT40(Beamforming mode)		
Remark	5. Average measurement was not performed if peak level lower than average limit. 6. 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
	12211.5	50.1	-1.9	48.2	74.0	-25.8	Peak	Horizontal
*	14132.5	49.4	1.8	51.2	68.2	-17.0	Peak	Horizontal
	15696.5	49.1	3.1	52.2	74.0	-21.8	Peak	Horizontal
	16529.5	49.0	4.7	53.7	68.2	-14.5	Peak	Horizontal
*	16529.5	41.6	4.7	46.3	54.0	-7.7	Average	Horizontal
	11965.0	51.3	-2.6	48.7	74.0	-25.3	Peak	Vertical
*	14226.0	48.7	2.0	50.7	68.2	-17.5	Peak	Vertical
*	16623.0	48.6	5.0	53.6	68.2	-14.6	Peak	Vertical
	17787.5	47.3	7.2	54.5	74.0	-19.5	Peak	Vertical
	17787.5	39.5	7.2	46.7	54.0	-7.3	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)

Test Site	SIP-AC3	Test Engineer	White Wang
Test Date	2021/03/31	Test Channel	102
Test Mode	802.11n-HT40(Beamforming mode)		
Remark	5. Average measurement was not performed if peak level lower than average limit. 6. 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
	12152.0	51.0	-2.4	48.6	74.0	-25.4	Peak	Horizontal
*	14251.5	48.9	1.8	50.7	68.2	-17.5	Peak	Horizontal
*	16470.0	47.4	5.9	53.3	68.2	-14.9	Peak	Horizontal
	17804.5	47.2	7.1	54.3	74.0	-19.7	Peak	Horizontal
	17804.5	39.8	7.1	46.9	54.0	-7.1	Average	Horizontal
*	10103.5	49.8	-2.4	47.4	68.2	-20.8	Peak	Vertical
	12407.0	50.3	-1.5	48.8	74.0	-25.2	Peak	Vertical
	15798.5	48.2	3.9	52.1	74.0	-21.9	Peak	Vertical
*	16504.0	48.0	5.3	53.3	68.2	-14.9	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	White Wang
Test Date	2021/03/31	Test Channel	110
Test Mode	802.11n-HT40(Beamforming mode)		
Remark	5. Average measurement was not performed if peak level lower than average limit. 6. 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
	12211.5	50.8	-1.9	48.9	74.0	-25.1	Peak	Horizontal
*	14022.0	49.5	1.2	50.7	68.2	-17.5	Peak	Horizontal
	15875.0	48.6	3.9	52.5	74.0	-21.5	Peak	Horizontal
*	16835.5	47.4	5.3	52.7	68.2	-15.5	Peak	Horizontal
	12271.0	50.6	-2.4	48.2	74.0	-25.8	Peak	Vertical
*	13979.5	48.9	1.3	50.2	68.2	-18.0	Peak	Vertical
	15739.0	47.5	4.2	51.7	74.0	-22.3	Peak	Vertical
*	16801.5	48.3	5.5	53.8	68.2	-14.4	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)

Test Site	SIP-AC3	Test Engineer	White Wang
Test Date	2021/03/31	Test Channel	134
Test Mode	802.11n-HT40(Beamforming mode)		
Remark	5. Average measurement was not performed if peak level lower than average limit. 6. 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
	12228.5	50.3	-2.0	48.3	74.0	-25.7	Peak	Horizontal
*	14115.5	48.7	1.6	50.3	68.2	-17.9	Peak	Horizontal
	15756.0	47.5	4.4	51.9	74.0	-22.1	Peak	Horizontal
*	16563.5	47.8	5.2	53.0	68.2	-15.2	Peak	Horizontal
	12007.5	50.2	-2.1	48.1	74.0	-25.9	Peak	Vertical
*	13733.0	48.0	0.6	48.6	68.2	-19.6	Peak	Vertical
	16070.5	48.1	4.9	53.0	74.0	-21.0	Peak	Vertical
*	16674.0	47.7	5.8	53.5	68.2	-14.7	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	White Wang
Test Date	2021/03/31	Test Channel	142
Test Mode	802.11n-HT40(Beamforming mode)		
Remark	5. Average measurement was not performed if peak level lower than average limit. 6. 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
	11659.0	50.7	-2.6	48.1	74.0	-25.9	Peak	Horizontal
*	14217.5	48.6	1.9	50.5	68.2	-17.7	Peak	Horizontal
	15492.5	47.9	3.7	51.6	74.0	-22.4	Peak	Horizontal
*	16402.0	47.8	5.6	53.4	68.2	-14.8	Peak	Horizontal
	12016.0	50.5	-2.2	48.3	74.0	-25.7	Peak	Vertical
*	13605.5	47.9	-0.4	47.5	68.2	-20.7	Peak	Vertical
	15824.0	48.0	4.5	52.5	74.0	-21.5	Peak	Vertical
*	17371.0	48.5	6.3	54.8	68.2	-13.4	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)

Test Site	SIP-AC3	Test Engineer	White Wang
Test Date	2021/03/23	Test Channel	52
Test Mode	802.11ac-VHT20(Beamforming mode)		
Remark	3. Average measurement was not performed if peak level lower than average limit. 4. 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
*	14617.0	48.0	2.8	50.8	68.2	-17.4	Peak	Horizontal
	15849.5	49.8	4.3	54.1	74.0	-19.9	Peak	Horizontal
*	17379.5	47.9	6.0	53.9	68.2	-14.3	Peak	Horizontal
	17898.0	47.2	7.1	54.3	74.0	-19.7	Peak	Horizontal
	17898.0	39.6	7.1	46.7	54.0	-7.3	Average	Horizontal
*	14141.0	49.0	1.9	50.9	68.2	-17.3	Peak	Vertical
	16079.0	48.0	4.6	52.6	74.0	-21.4	Peak	Vertical
*	16682.5	47.2	5.8	53.0	68.2	-15.2	Peak	Vertical
	17864.0	47.9	7.4	55.3	74.0	-18.7	Peak	Vertical
	17864.0	39.7	7.4	47.1	54.0	-6.9	Average	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	White Wang
Test Date	2021/03/23	Test Channel	60
Test Mode	802.11ac-VHT20(Beamforming mode)		
Remark	3. Average measurement was not performed if peak level lower than average limit. 4. 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
*	14047.5	49.3	1.6	50.9	68.2	-17.3	Peak	Horizontal
	16062.0	47.7	5.2	52.9	74.0	-21.1	Peak	Horizontal
*	16759.0	47.6	5.5	53.1	68.2	-15.1	Peak	Horizontal
	17906.5	47.9	7.1	55.0	74.0	-19.0	Peak	Horizontal
	17906.5	39.4	7.1	46.5	54.0	-7.5	Average	Horizontal
*	14064.5	49.1	1.7	50.8	68.2	-17.4	Peak	Vertical
	15458.5	48.8	3.7	52.5	74.0	-21.5	Peak	Vertical
*	16861.0	48.0	5.6	53.6	68.2	-14.6	Peak	Vertical
	17753.5	48.8	7.2	56.0	74.0	-18.0	Peak	Vertical
	17753.5	39.7	7.2	46.9	54.0	-7.1	Average	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	White Wang
Test Date	2021/03/23	Test Channel	64
Test Mode	802.11ac-VHT20(Beamforming mode)		
Remark	3. Average measurement was not performed if peak level lower than average limit. 4. 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
*	14141.0	49.4	1.9	51.3	68.2	-16.9	Peak	Horizontal
	16079.0	48.4	4.6	53.0	74.0	-21.0	Peak	Horizontal
*	16708.0	47.1	5.8	52.9	68.2	-15.3	Peak	Horizontal
	17728.0	48.6	6.8	55.4	74.0	-18.6	Peak	Horizontal
	17728.0	38.7	6.8	45.5	54.0	-8.5	Average	Horizontal
*	13894.5	49.4	1.0	50.4	68.2	-17.8	Peak	Vertical
	15484.0	48.4	3.8	52.2	74.0	-21.8	Peak	Vertical
*	16844.0	48.3	5.4	53.7	68.2	-14.5	Peak	Vertical
	17745.0	47.9	7.0	54.9	74.0	-19.1	Peak	Vertical
	17745.0	39.2	7.0	46.2	54.0	-7.8	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)

Test Site	SIP-AC3	Test Engineer	White Wang
Test Date	2021/03/23	Test Channel	100
Test Mode	802.11ac-VHT20(Beamforming mode)		
Remark	3. Average measurement was not performed if peak level lower than average limit. 4. 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
*	13843.5	49.4	1.0	50.4	68.2	-17.8	Peak	Horizontal
	15824.0	47.7	4.5	52.2	74.0	-21.8	Peak	Horizontal
*	16776.0	48.2	5.7	53.9	68.2	-14.3	Peak	Horizontal
	17991.5	48.1	6.8	54.9	74.0	-19.1	Peak	Horizontal
	17991.5	39.7	6.8	46.5	54.0	-7.5	Average	Horizontal
*	14600.0	48.9	2.5	51.4	68.2	-16.8	Peak	Vertical
	15841.0	47.5	4.5	52.0	74.0	-22.0	Peak	Vertical
*	16912.0	48.1	5.4	53.5	68.2	-14.7	Peak	Vertical
	17889.5	47.7	7.2	54.9	74.0	-19.1	Peak	Vertical
	17889.5	39.6	7.2	46.8	54.0	-7.2	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)

Test Site	SIP-AC3	Test Engineer	White Wang
Test Date	2021/03/23	Test Channel	116
Test Mode	802.11ac-VHT20(Beamforming mode)		
Remark	3. Average measurement was not performed if peak level lower than average limit. 4. 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
*	14260.0	49.1	1.9	51.0	68.2	-17.2	Peak	Horizontal
	15756.0	48.1	4.4	52.5	74.0	-21.5	Peak	Horizontal
*	16504.0	48.3	5.3	53.6	68.2	-14.6	Peak	Horizontal
	17787.5	47.9	7.2	55.1	74.0	-18.9	Peak	Horizontal
	17787.5	39.5	7.2	46.7	54.0	-7.3	Average	Horizontal
*	14277.0	49.7	1.9	51.6	68.2	-16.6	Peak	Vertical
	15535.0	47.4	3.8	51.2	74.0	-22.8	Peak	Vertical
*	16912.0	47.5	5.4	52.9	68.2	-15.3	Peak	Vertical
	17830.0	47.2	7.3	54.5	74.0	-19.5	Peak	Vertical
	17830.0	39.5	7.3	46.8	54.0	-7.2	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)

Test Site	SIP-AC3	Test Engineer	White Wang
Test Date	2021/03/23	Test Channel	140
Test Mode	802.11ac-VHT20(Beamforming mode)		
Remark	3. Average measurement was not performed if peak level lower than average limit. 4. 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
*	14158.0	48.8	1.9	50.7	68.2	-17.5	Peak	Horizontal
	15892.0	48.1	4.0	52.1	74.0	-21.9	Peak	Horizontal
*	16997.0	48.8	4.6	53.4	68.2	-14.8	Peak	Horizontal
	17872.5	48.0	7.3	55.3	74.0	-18.7	Peak	Horizontal
	17872.5	38.8	7.3	46.1	54.0	-7.9	Average	Horizontal
*	14821.0	48.8	2.7	51.5	68.2	-16.7	Peak	Vertical
	16053.5	47.8	5.0	52.8	74.0	-21.2	Peak	Vertical
*	17116.0	48.7	4.7	53.4	68.2	-14.8	Peak	Vertical
	17881.0	47.3	7.2	54.5	74.0	-19.5	Peak	Vertical
	17881.0	39.2	7.2	46.4	54.0	-7.6	Average	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	White Wang
Test Date	2021/03/23	Test Channel	144
Test Mode	802.11ac-VHT20(Beamforming mode)		
Remark	3. Average measurement was not performed if peak level lower than average limit. 4. 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
*	14175.0	49.2	1.8	51.0	68.2	-17.2	Peak	Horizontal
	15441.5	47.7	3.7	51.4	74.0	-22.6	Peak	Horizontal
*	16920.5	48.8	5.2	54.0	68.2	-14.2	Peak	Horizontal
	17770.5	47.5	7.3	54.8	74.0	-19.2	Peak	Horizontal
	17770.5	38.9	7.3	46.2	54.0	-7.8	Average	Horizontal
*	14753.0	48.4	2.4	50.8	68.2	-17.4	Peak	Vertical
	15756.0	47.4	4.4	51.8	74.0	-22.2	Peak	Vertical
*	16385.0	47.9	5.5	53.4	68.2	-14.8	Peak	Vertical
	17830.0	48.4	7.3	55.7	74.0	-18.3	Peak	Vertical
	17830.0	39.5	7.3	46.8	54.0	-7.2	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)

Test Site	SIP-AC3	Test Engineer	White Wang
Test Date	2021/03/31	Test Channel	54
Test Mode	802.11ac-VHT40(Beamforming mode)		
Remark	7. Average measurement was not performed if peak level lower than average limit. 8. 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
	12305.0	49.9	-1.7	48.2	74.0	-25.8	Peak	Horizontal
*	14226.0	48.9	2.0	50.9	68.2	-17.3	Peak	Horizontal
	15849.5	47.1	4.3	51.4	74.0	-22.6	Peak	Horizontal
*	16470.0	47.4	5.9	53.3	68.2	-14.9	Peak	Horizontal
	12118.0	50.9	-2.1	48.8	74.0	-25.2	Peak	Vertical
*	14132.5	49.2	1.8	51.0	68.2	-17.2	Peak	Vertical
	15637.0	46.3	3.5	49.8	74.0	-24.2	Peak	Vertical
*	16759.0	47.3	5.5	52.8	68.2	-15.4	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)

Test Site	SIP-AC3	Test Engineer	White Wang
Test Date	2021/03/31	Test Channel	62
Test Mode	802.11ac-VHT40(Beamforming mode)		
Remark	7. Average measurement was not performed if peak level lower than average limit. 8. 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
	12313.5	50.6	-1.7	48.9	74.0	-25.1	Peak	Horizontal
*	13911.5	48.0	1.0	49.0	68.2	-19.2	Peak	Horizontal
	15824.0	47.7	4.5	52.2	74.0	-21.8	Peak	Horizontal
*	16869.5	47.9	5.5	53.4	68.2	-14.8	Peak	Horizontal
	11820.5	51.8	-2.7	49.1	74.0	-24.9	Peak	Vertical
*	14107.0	47.3	1.4	48.7	68.2	-19.5	Peak	Vertical
	15781.5	47.9	3.7	51.6	74.0	-22.4	Peak	Vertical
*	16657.0	48.1	5.6	53.7	68.2	-14.5	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	White Wang
Test Date	2021/03/31	Test Channel	102
Test Mode	802.11ac-VHT40(Beamforming mode)		
Remark	7. Average measurement was not performed if peak level lower than average limit. 8. 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
	12398.5	50.5	-1.7	48.8	74.0	-25.2	Peak	Horizontal
*	13911.5	47.4	1.0	48.4	68.2	-19.8	Peak	Horizontal
	15773.0	48.0	3.8	51.8	74.0	-22.2	Peak	Horizontal
*	16886.5	47.7	5.3	53.0	68.2	-15.2	Peak	Horizontal
	12118.0	50.8	-2.1	48.7	74.0	-25.3	Peak	Vertical
*	14166.5	46.9	1.9	48.8	68.2	-19.4	Peak	Vertical
	15824.0	47.6	4.5	52.1	74.0	-21.9	Peak	Vertical
*	16708.0	47.0	5.8	52.8	68.2	-15.4	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)

Test Site	SIP-AC3	Test Engineer	White Wang
Test Date	2021/03/31	Test Channel	110
Test Mode	802.11ac-VHT40(Beamforming mode)		
Remark	7. Average measurement was not performed if peak level lower than average limit. 8. 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
	12220.0	50.4	-1.9	48.5	74.0	-25.5	Peak	Horizontal
*	14141.0	48.8	1.9	50.7	68.2	-17.5	Peak	Horizontal
	15841.0	48.0	4.5	52.5	74.0	-21.5	Peak	Horizontal
*	16495.5	46.2	5.2	51.4	68.2	-16.8	Peak	Horizontal
	12296.5	50.1	-1.9	48.2	74.0	-25.8	Peak	Vertical
*	14880.5	46.9	2.7	49.6	68.2	-18.6	Peak	Vertical
	15705.0	46.9	3.2	50.1	74.0	-23.9	Peak	Vertical
*	16470.0	47.5	5.9	53.4	68.2	-14.8	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	White Wang
Test Date	2021/03/31	Test Channel	134
Test Mode	802.11ac-VHT40(Beamforming mode)		
Remark	7. Average measurement was not performed if peak level lower than average limit. 8. 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
	11982.0	51.0	-2.3	48.7	74.0	-25.3	Peak	Horizontal
*	14226.0	49.1	2.0	51.1	68.2	-17.1	Peak	Horizontal
	15781.5	47.9	3.7	51.6	74.0	-22.4	Peak	Horizontal
*	16665.5	47.7	5.7	53.4	68.2	-14.8	Peak	Horizontal
	12407.0	50.2	-1.5	48.7	74.0	-25.3	Peak	Vertical
*	14149.5	48.2	1.9	50.1	68.2	-18.1	Peak	Vertical
	15832.5	47.3	4.5	51.8	74.0	-22.2	Peak	Vertical
*	16512.5	48.3	5.0	53.3	68.2	-14.9	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	White Wang
Test Date	2021/03/31	Test Channel	142
Test Mode	802.11ac-VHT40(Beamforming mode)		
Remark	7. Average measurement was not performed if peak level lower than average limit. 8. 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
	12305.0	50.0	-1.7	48.3	74.0	-25.7	Peak	Horizontal
*	14039.0	49.2	1.4	50.6	68.2	-17.6	Peak	Horizontal
	15433.0	47.9	3.7	51.6	74.0	-22.4	Peak	Horizontal
*	16419.0	48.4	4.7	53.1	68.2	-15.1	Peak	Horizontal
	12330.5	48.2	-1.9	46.3	74.0	-27.7	Peak	Vertical
*	13979.5	47.3	1.3	48.6	68.2	-19.6	Peak	Vertical
	15450.0	47.5	3.7	51.2	74.0	-22.8	Peak	Vertical
*	16852.5	48.0	5.5	53.5	68.2	-14.7	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	White Wang
Test Date	2021/03/31	Test Channel	58
Test Mode	802.11ac-VHT80(Beamforming mode)		
Remark	3. Average measurement was not performed if peak level lower than average limit. 4. 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
	11948.0	49.4	-2.7	46.7	74.0	-27.3	Peak	Horizontal
*	14226.0	48.8	2.0	50.8	68.2	-17.4	Peak	Horizontal
	15824.0	47.5	4.5	52.0	74.0	-22.0	Peak	Horizontal
*	17277.5	48.4	5.4	53.8	68.2	-14.4	Peak	Horizontal
	11999.0	50.8	-2.0	48.8	74.0	-25.2	Peak	Vertical
*	13792.5	46.9	0.4	47.3	68.2	-20.9	Peak	Vertical
	15637.0	46.2	3.5	49.7	74.0	-24.3	Peak	Vertical
*	16708.0	47.5	5.8	53.3	68.2	-14.9	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	White Wang
Test Date	2021/03/31	Test Channel	106
Test Mode	802.11ac-VHT80(Beamforming mode)		
Remark	3. Average measurement was not performed if peak level lower than average limit. 4. 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
	12118.0	50.7	-2.1	48.6	74.0	-25.4	Peak	Horizontal
*	14166.5	47.3	1.9	49.2	68.2	-19.0	Peak	Horizontal
	15866.5	48.0	4.0	52.0	74.0	-22.0	Peak	Horizontal
*	17371.0	47.3	6.3	53.6	68.2	-14.6	Peak	Horizontal
	12390.0	50.3	-2.0	48.3	74.0	-25.7	Peak	Vertical
*	13911.5	47.7	1.0	48.7	68.2	-19.5	Peak	Vertical
	15560.5	45.5	3.6	49.1	74.0	-24.9	Peak	Vertical
*	16861.0	47.6	5.6	53.2	68.2	-15.0	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)

Test Site	SIP-AC3	Test Engineer	White Wang
Test Date	2021/03/31	Test Channel	122
Test Mode	802.11ac-VHT80(Beamforming mode)		
Remark	3. Average measurement was not performed if peak level lower than average limit. 4. 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
	12305.0	50.4	-1.7	48.7	74.0	-25.3	Peak	Horizontal
*	13852.0	47.5	1.0	48.5	68.2	-19.7	Peak	Horizontal
	15807.0	48.2	4.2	52.4	74.0	-21.6	Peak	Horizontal
*	16359.5	48.3	5.1	53.4	68.2	-14.8	Peak	Horizontal
	12305.0	50.7	-1.7	49.0`	74.0	-25.0	Peak	Vertical
*	14183.5	49.0	1.8	50.8	68.2	-17.4	Peak	Vertical
	15807.0	48.2	4.2	52.4	74.0	-21.6	Peak	Vertical
*	16648.5	48.2	5.3	53.5	68.2	-14.7	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	White Wang
Test Date	2021/03/31	Test Channel	138
Test Mode	802.11ac-VHT80(Beamforming mode)		
Remark	3. Average measurement was not performed if peak level lower than average limit. 4. 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
	12543.0	50.5	-1.9	48.6	74.0	-25.4	Peak	Horizontal
*	13852.0	47.4	1.0	48.4	68.2	-19.8	Peak	Horizontal
	15705.0	46.7	3.2	49.9	74.0	-24.1	Peak	Horizontal
*	16776.0	47.7	5.7	53.4	68.2	-14.8	Peak	Horizontal
	12109.5	50.5	-2.1	48.4	74.0	-25.6	Peak	Vertical
*	13911.5	49.6	1.0	50.6	68.2	-17.6	Peak	Vertical
	15747.5	48.2	4.3	52.5	74.0	-21.5	Peak	Vertical
*	16478.5	47.4	5.5	52.9	68.2	-15.3	Peak	Vertical

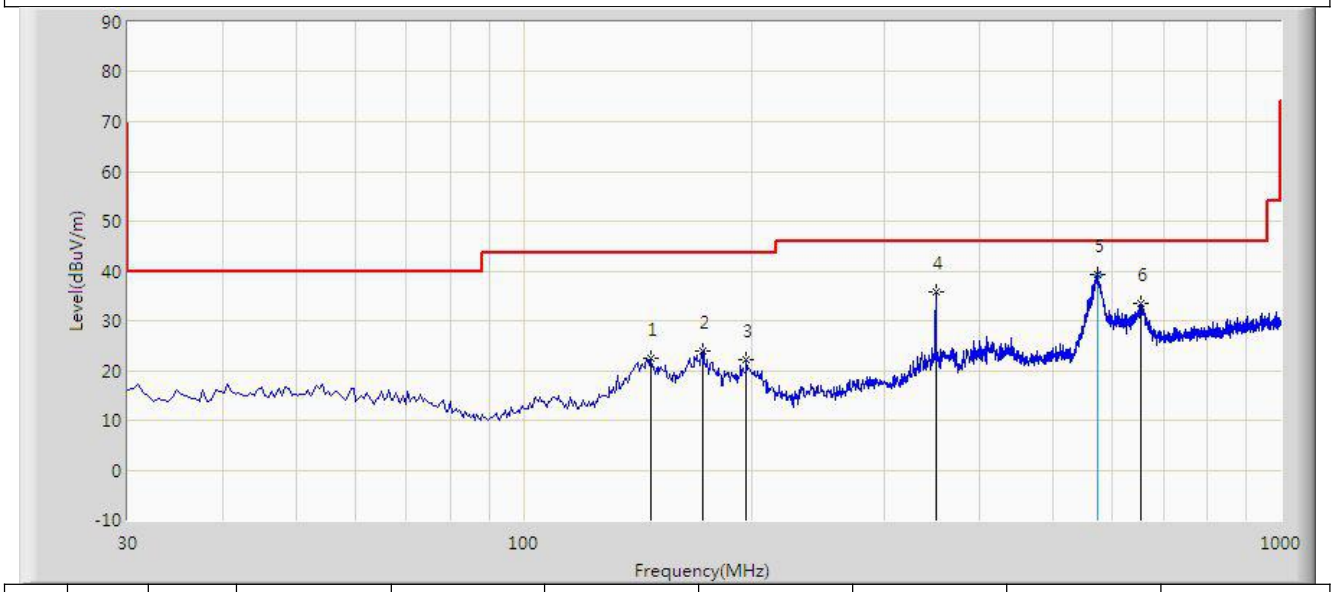
Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

The Result of Radiated Emission below 1GHz:

Site: SIP-AC3	Time: 2021/03/17 - 20:27
Limit: FCC_Part15.209_RSE(3m)	Engineer: White Wang
Probe: SIP-AC3_VULB 9168 _30-1500MHz	Polarity: Horizontal
EUT: Dual Band WiFi Mesh	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5610MHz	



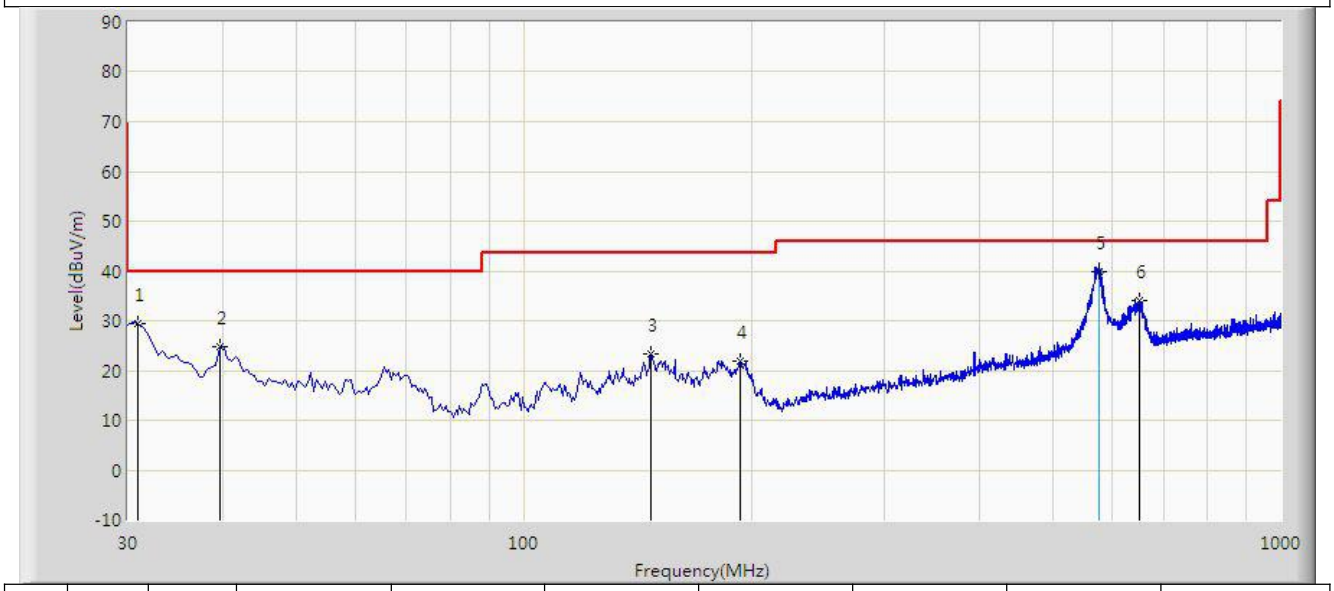
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			147.370	22.555	4.364	-20.945	43.500	18.191	PK
2			172.590	24.044	6.871	-19.456	43.500	17.173	PK
3			196.840	22.170	7.095	-21.330	43.500	15.075	PK
4			350.100	35.862	16.391	-10.138	46.000	19.471	PK
5		*	573.200	39.230	14.800	-6.770	46.000	24.430	QP
6			654.680	33.572	7.506	-12.428	46.000	26.066	PK

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

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

Note 2: The amplitude of radiated emissions (frequency range from 9kHz to 30MHz and 18GHz to 40GHz) is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value. Therefore, the data is not presented in the report.

Site: SIP-AC3	Time: 2021/03/17 - 20:29
Limit: FCC_Part15.209_RSE(3m)	Engineer: White Wang
Probe: SIP-AC3_VULB 9168 _30-1500MHz	Polarity: Vertical
EUT: Dual Band WiFi Mesh	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5610MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			30.970	29.354	12.780	-10.646	40.000	16.574	PK
2			39.700	24.689	7.144	-15.311	40.000	17.545	PK
3			147.370	23.337	5.146	-20.163	43.500	18.191	PK
4			192.960	21.964	6.658	-21.536	43.500	15.306	PK
5		*	576.595	39.721	15.200	-6.279	46.000	24.521	QP
6			651.770	34.107	8.085	-11.893	46.000	26.022	PK

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

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

Note 2: The amplitude of radiated emissions (frequency range from 9kHz to 30MHz and 18GHz to 40GHz) is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value. Therefore, the data is not presented in the report.

6.8. Radiated Restricted Band Edge Measurement

6.8.1. Test Limit

For 15.205Requirement:

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	8.025 - 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	156.52475-156.52525	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 within the frequency range

from the band edge to 10 MHz above or below the band edge shall not exceed an e.i.r.p. of -17 dBm/MHz; for frequencies 10 MHz or greater above or below the band edge, emissions shall not exceed an e.i.r.p. of -27 dBm/MHz.

Refer to KDB 789033 D02v02r01 G)2)c), as specified in § 15.407(b), emissions above 1000 MHz that are outside of the restricted bands are subject to a maximum emission limit of -27 dBm/MHz (or -17 dBm/MHz as specified in § 15.407(b)(4)). However, an out-of-band emission that complies with both the peak and average limits of § 15.209 is not required to satisfy the -27 dBm/MHz or -17 dBm/MHz maximum emission limit.

All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 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 (μV/m)	Measured Distance (m)
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

6.8.2. Test Procedure Used

KDB 789033 D02v02r01- Section G

6.8.3. Test Setting

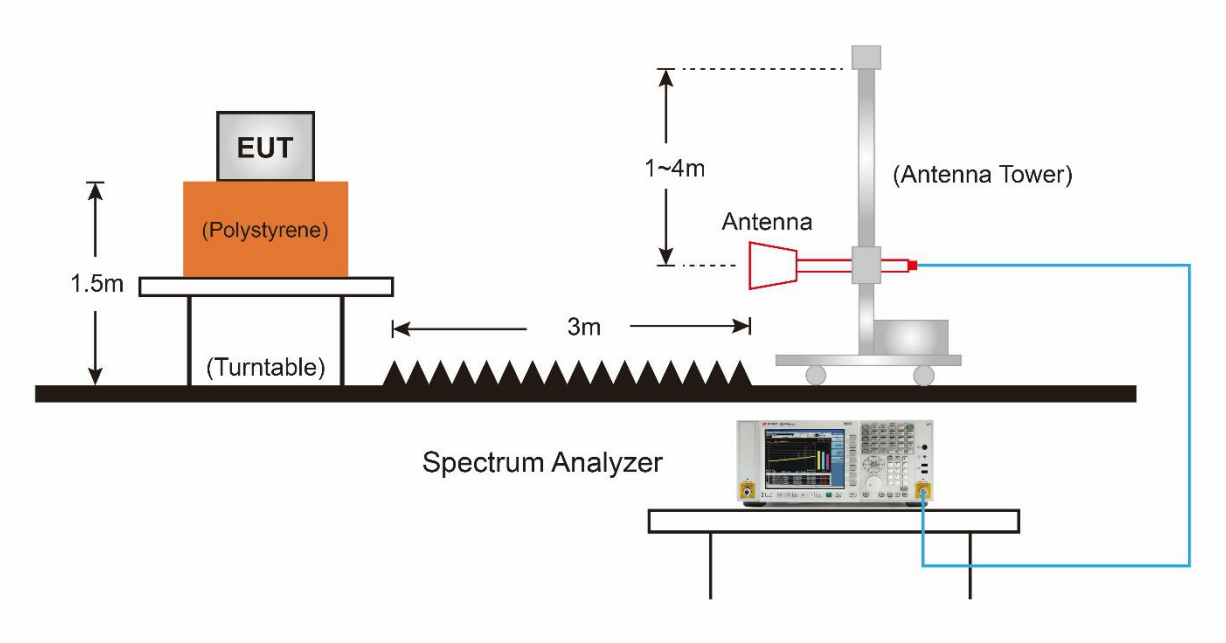
Peak Measurements above 1GHz

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

Average Measurements above 1GHz (Method VB)

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW; if the EUT is configured to transmit with duty cycle ≥ 98%, set VBW = 10Hz
4. If the EUT duty cycle is < 98%, set VBW ≥ 1/T. T is the minimum transmission duration
5. Detector = Peak
6. Sweep time = Auto
7. Trace mode = Max hold
8. Trace was allowed to stabilize

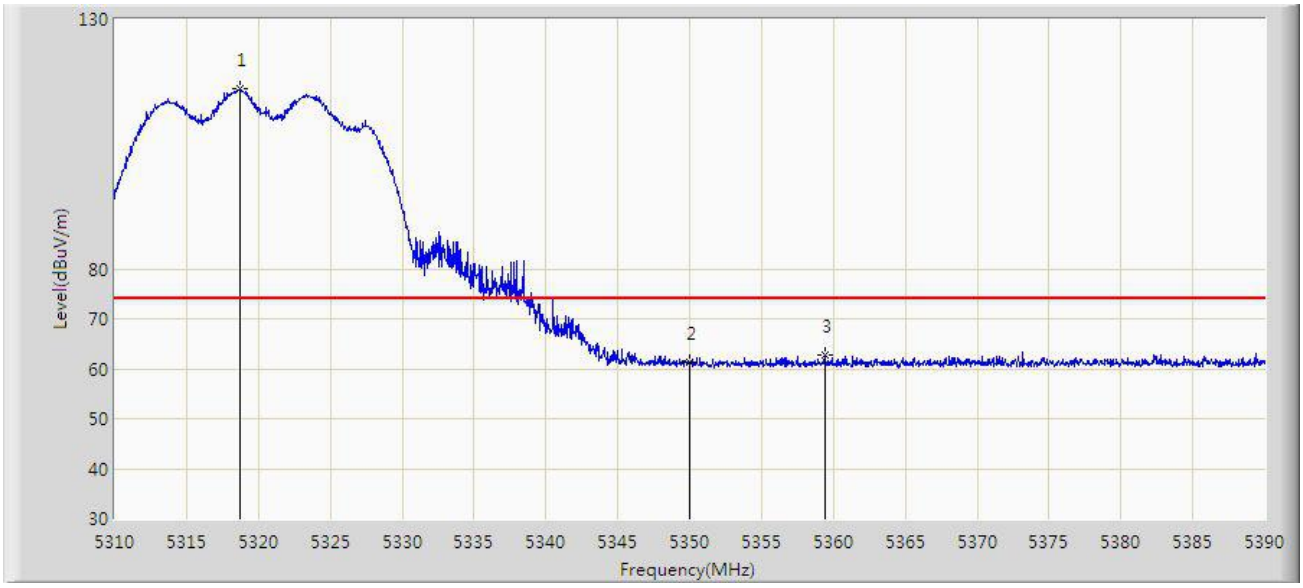
6.8.4. Test Setup



6.8.5. Test Result

CDD Mode:

Site: SIP-AC3	Time: 2021/03/19 - 10:47
Limit: FCC_Part15_15.209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual Band WiFi Mesh	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5320MHz	

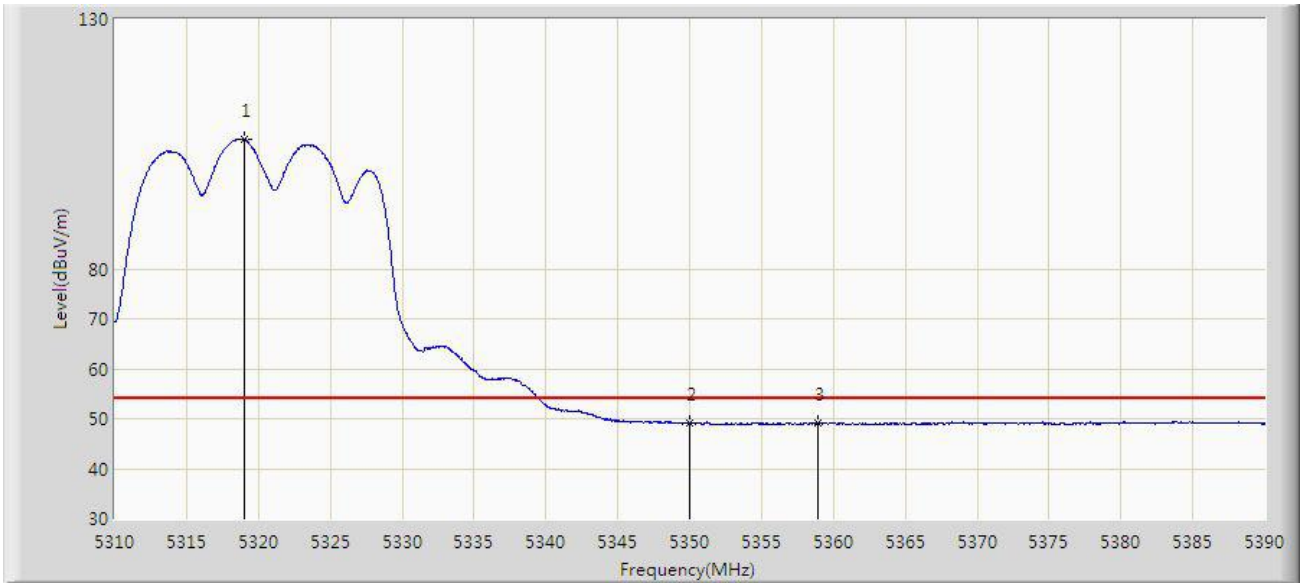


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1		*	5318.680	115.976	124.507	N/A	N/A	-8.531	PK
2			5350.000	61.240	70.298	-12.760	74.000	-9.057	PK
3			5359.400	62.848	71.666	-11.152	74.000	-8.819	PK

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

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

Site: SIP-AC3	Time: 2021/03/19 - 10:55
Limit: FCC_Part15_15.209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual Band WiFi Mesh	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5320MHz	

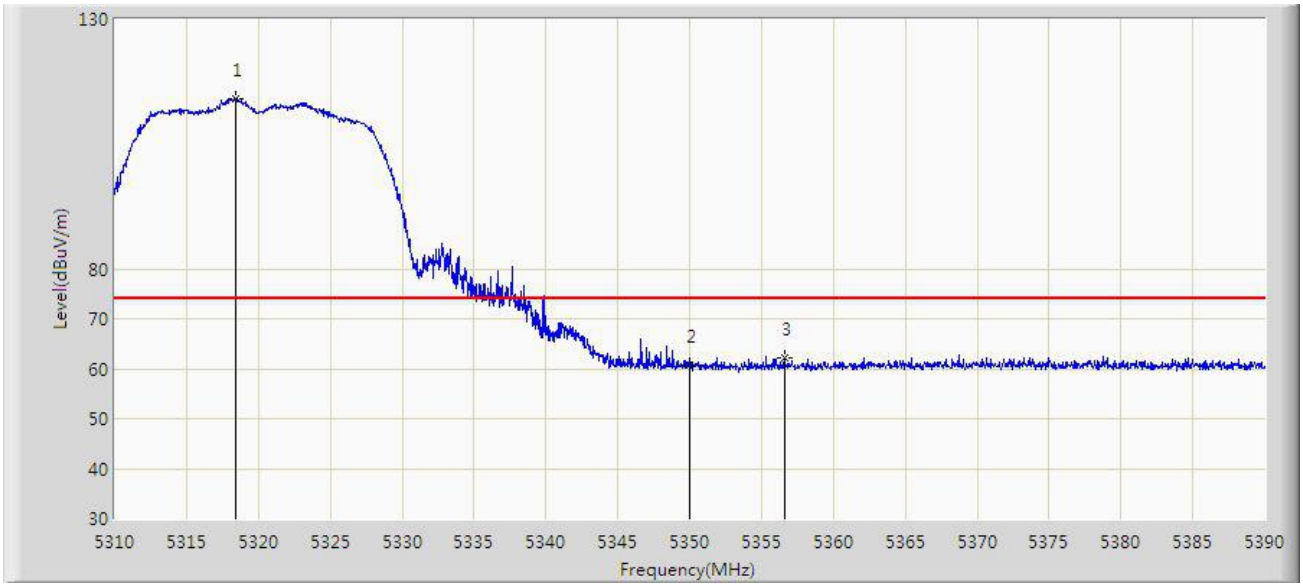


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1		*	5319.040	106.022	114.564	N/A	N/A	-8.543	AV
2			5350.000	49.023	58.081	-4.977	54.000	-9.057	AV
3			5358.960	49.254	58.087	-4.746	54.000	-8.833	AV

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

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

Site: SIP-AC3	Time: 2021/03/19 - 11:06
Limit: FCC_Part15_15.209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual Band WiFi Mesh	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5320MHz	

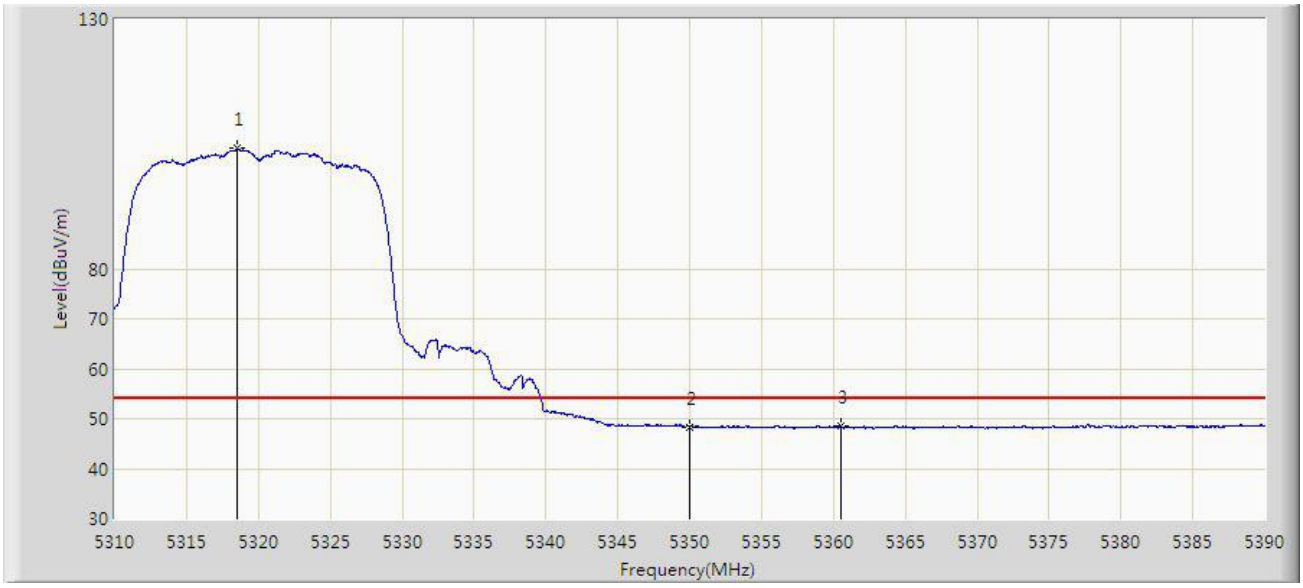


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1		*	5318.400	114.139	122.661	N/A	N/A	-8.522	PK
2			5350.000	60.685	69.743	-13.315	74.000	-9.057	PK
3			5356.600	62.222	71.132	-11.778	74.000	-8.911	PK

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

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

Site: SIP-AC3	Time: 2021/03/19 - 11:10
Limit: FCC_Part15_15.209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual Band WiFi Mesh	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5320MHz	

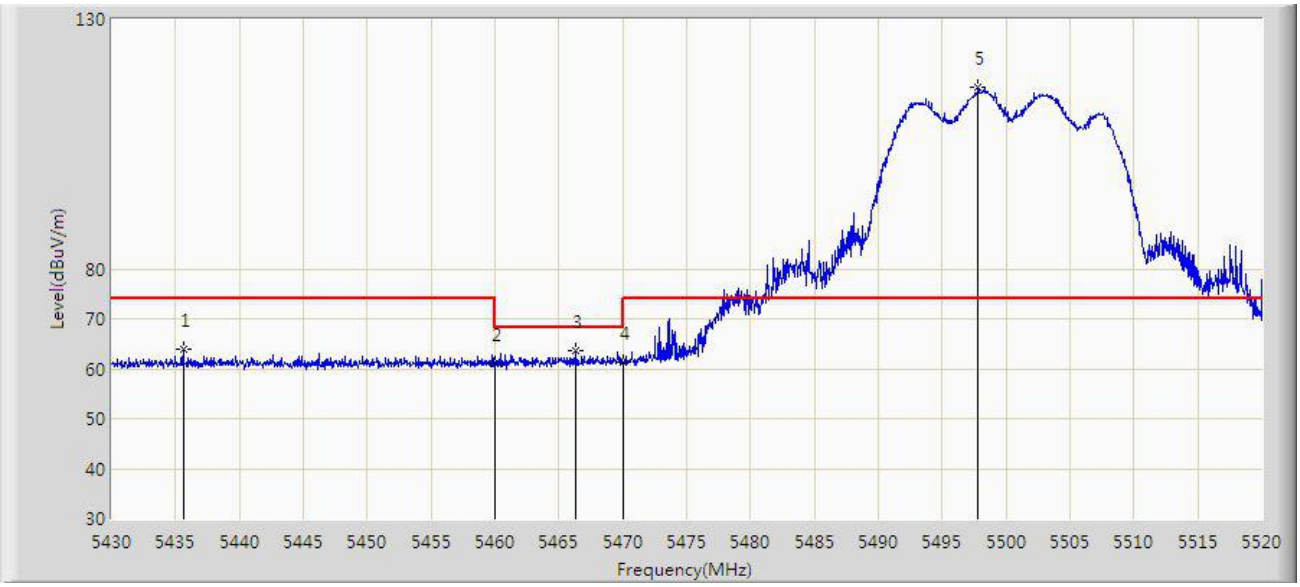


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1		*	5318.560	104.084	112.611	N/A	N/A	-8.527	AV
2			5350.000	48.348	57.406	-5.652	54.000	-9.057	AV
3			5360.480	48.537	57.320	-5.463	54.000	-8.783	AV

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

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

Site: SIP-AC3	Time: 2021/03/19 - 11:16
Limit: FCC_Part15_15.209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual Band WiFi Mesh	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5500MHz	

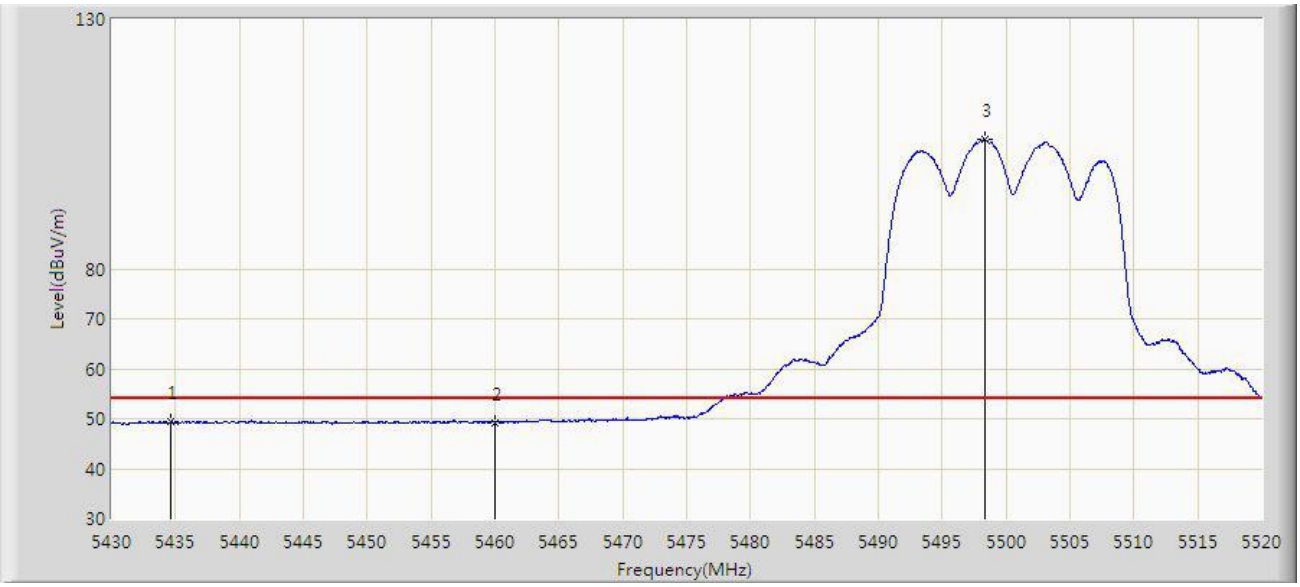


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1			5435.625	63.810	72.011	-10.190	74.000	-8.201	PK
2			5460.000	60.908	69.252	-13.092	74.000	-8.345	PK
3			5466.360	63.657	71.972	-4.543	68.200	-8.315	PK
4			5470.000	61.245	69.543	-6.955	68.200	-8.297	PK
5		*	5497.815	116.273	124.453	N/A	N/A	-8.180	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: SIP-AC3	Time: 2021/03/19 - 11:28
Limit: FCC_Part15_15.209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual Band WiFi Mesh	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5500MHz	

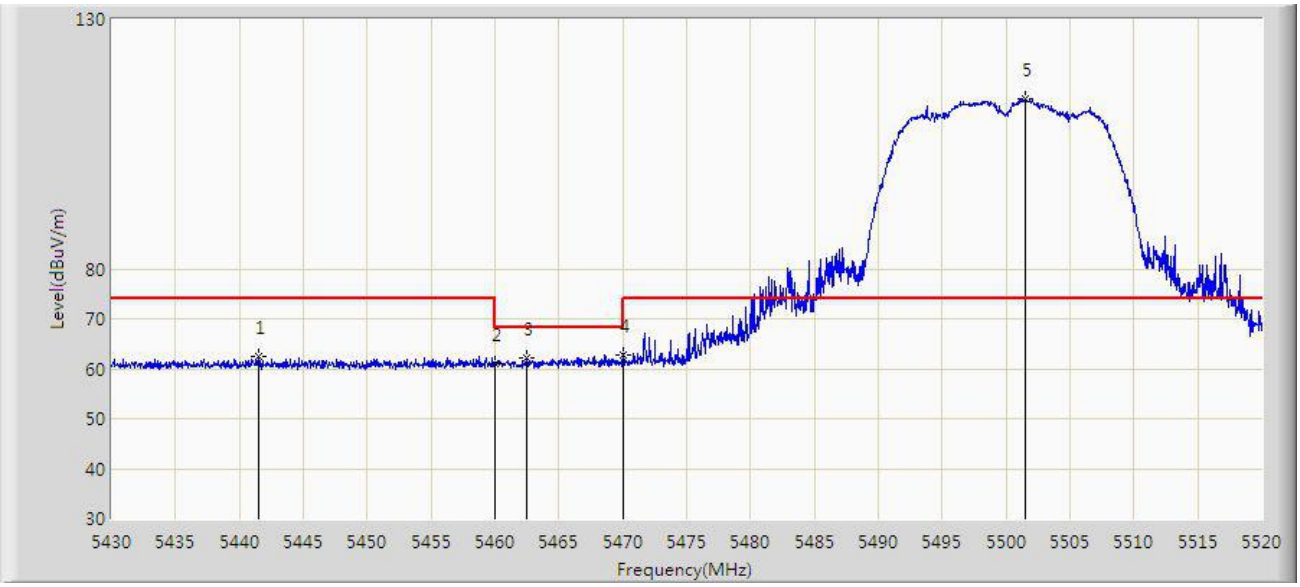


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1			5434.680	49.482	57.689	-4.518	54.000	-8.206	AV
2			5460.000	49.273	57.617	-4.727	54.000	-8.345	AV
3		*	5498.355	106.002	114.180	N/A	N/A	-8.179	AV

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

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

Site: SIP-AC3	Time: 2021/03/19 - 11:31
Limit: FCC_Part15_15.209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual Band WiFi Mesh	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5500MHz	

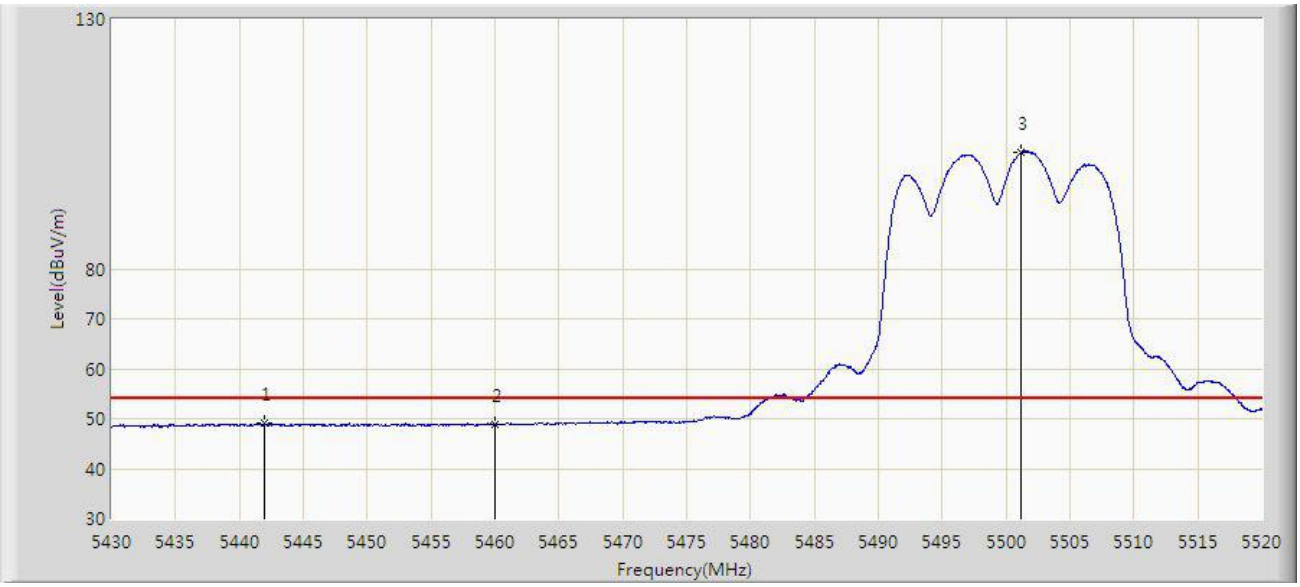


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1			5441.475	62.543	70.784	-11.457	74.000	-8.241	PK
2			5460.000	61.142	69.486	-12.858	74.000	-8.345	PK
3			5462.490	62.171	70.504	-6.029	68.200	-8.333	PK
4			5470.000	62.782	71.080	-5.418	68.200	-8.297	PK
5		*	5501.550	114.156	122.325	N/A	N/A	-8.169	PK

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

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

Site: SIP-AC3	Time: 2021/03/19 - 11:36
Limit: FCC_Part15_15.209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual Band WiFi Mesh	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5500MHz	

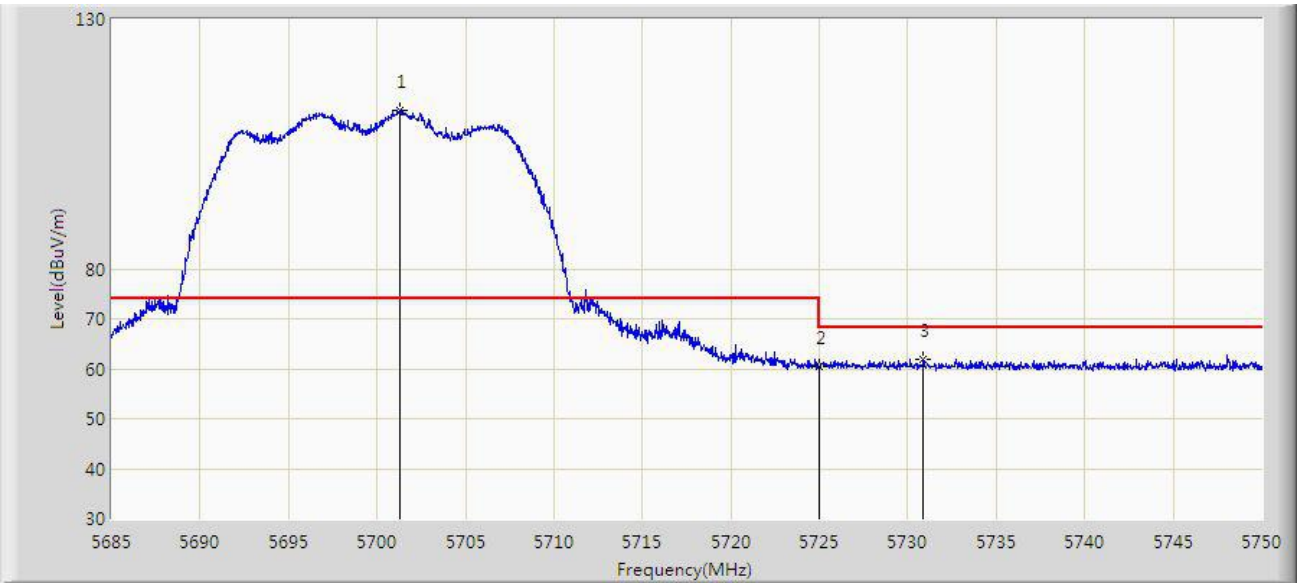


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1			5441.970	49.049	57.295	-4.951	54.000	-8.246	AV
2			5460.000	48.827	57.171	-5.173	54.000	-8.345	AV
3		*	5501.190	103.472	111.642	N/A	N/A	-8.170	AV

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

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

Site: SIP-AC3	Time: 2021/03/19 - 11:39
Limit: FCC_Part15_15.209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual Band WiFi Mesh	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5700MHz	

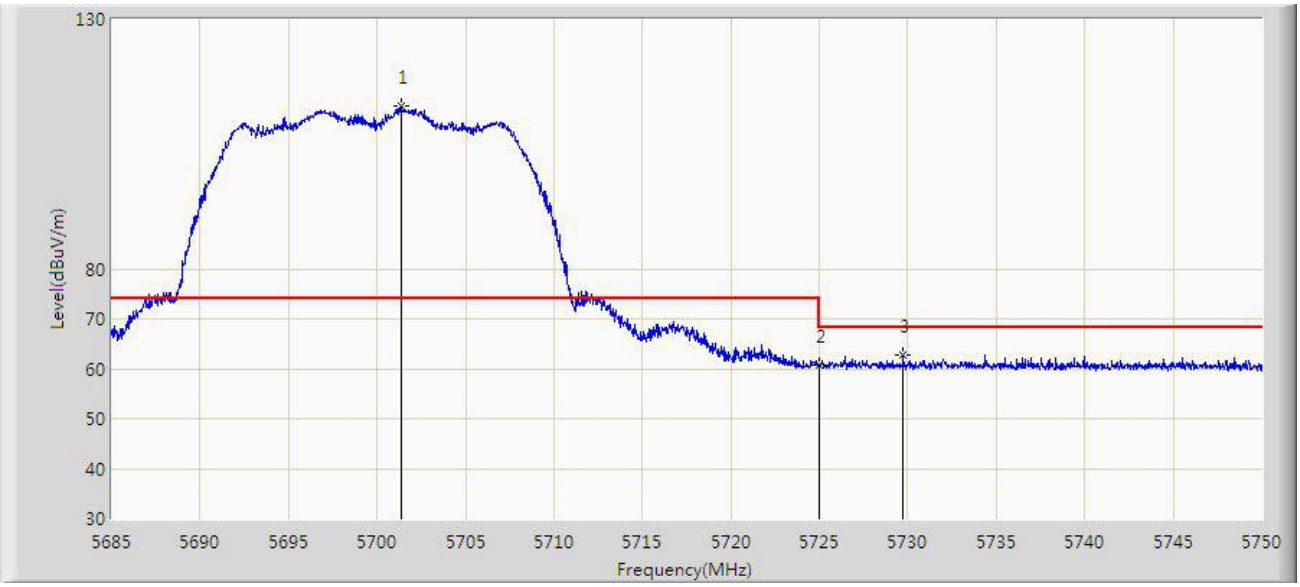


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1		*	5701.315	111.654	120.064	N/A	N/A	-8.409	PK
2			5725.000	60.467	68.779	-7.733	68.200	-8.312	PK
3			5730.857	61.954	70.299	-6.246	68.200	-8.345	PK

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

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

Site: SIP-AC3	Time: 2021/03/19 - 11:52
Limit: FCC_Part15_15.209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual Band WiFi Mesh	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5700MHz	

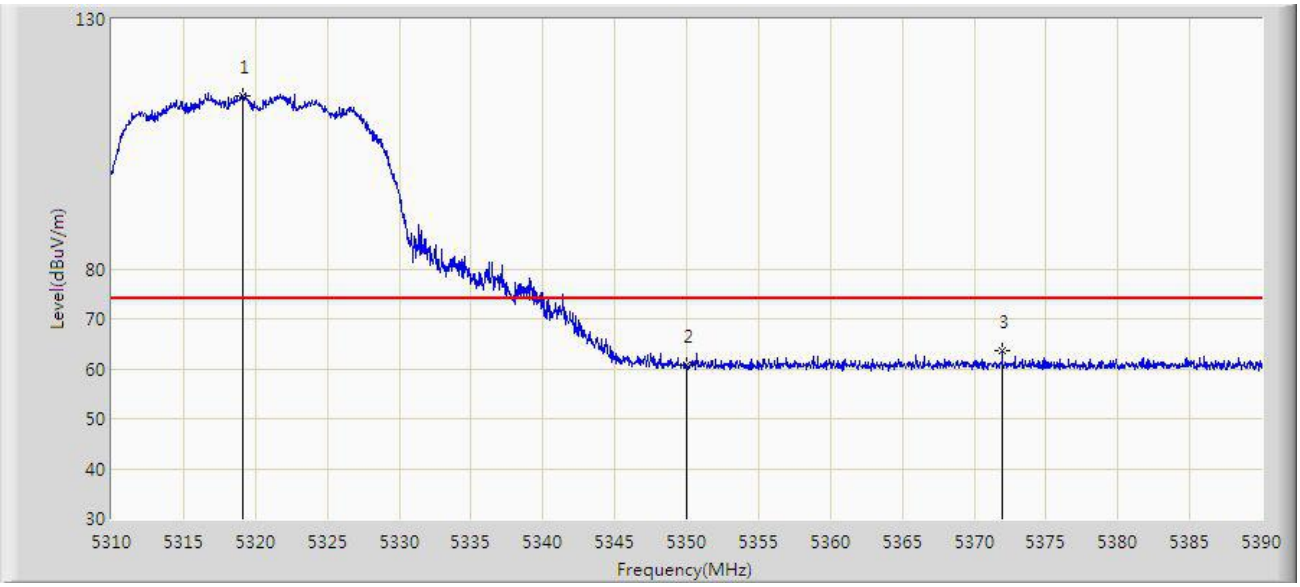


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1		*	5701.348	112.663	121.073	N/A	N/A	-8.409	PK
2			5725.000	60.767	69.079	-7.433	68.200	-8.312	PK
3			5729.720	62.813	71.149	-5.387	68.200	-8.336	PK

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

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

Site: SIP-AC3	Time: 2021/03/19 - 13:10
Limit: FCC_Part15_15.209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual Band WiFi Mesh	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5320MHz	

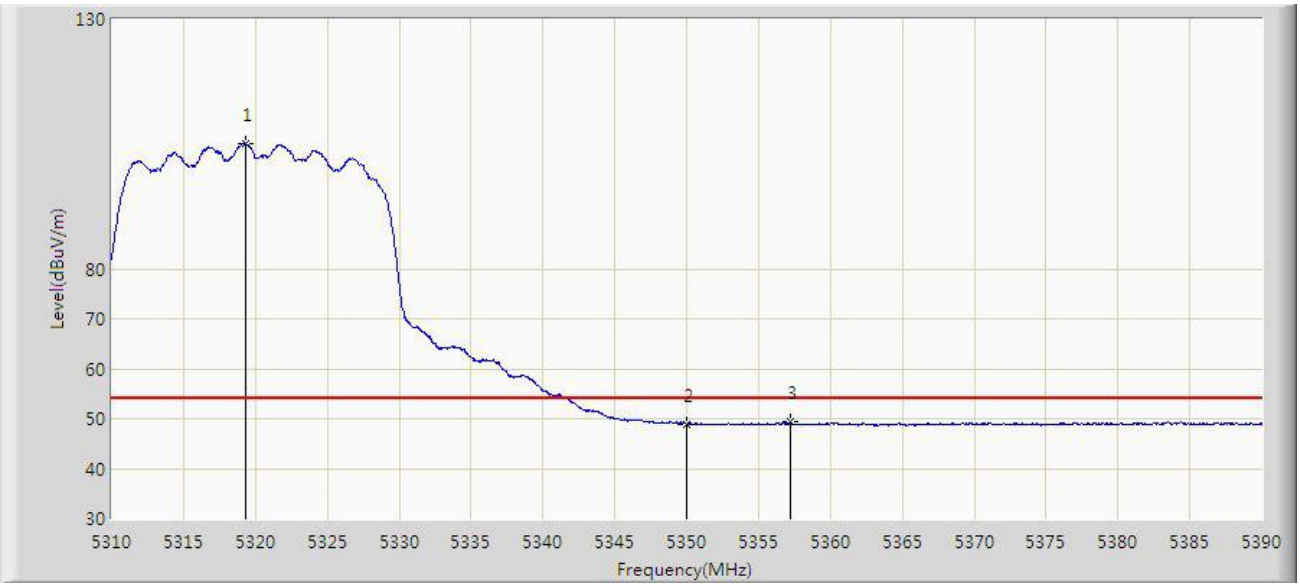


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1		*	5319.120	114.742	123.287	N/A	N/A	-8.545	PK
2			5350.000	60.695	69.753	-13.305	74.000	-9.057	PK
3			5371.960	63.629	72.118	-10.371	74.000	-8.489	PK

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

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

Site: SIP-AC3	Time: 2021/03/19 - 13:13
Limit: FCC_Part15_15.209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual Band WiFi Mesh	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5320MHz	

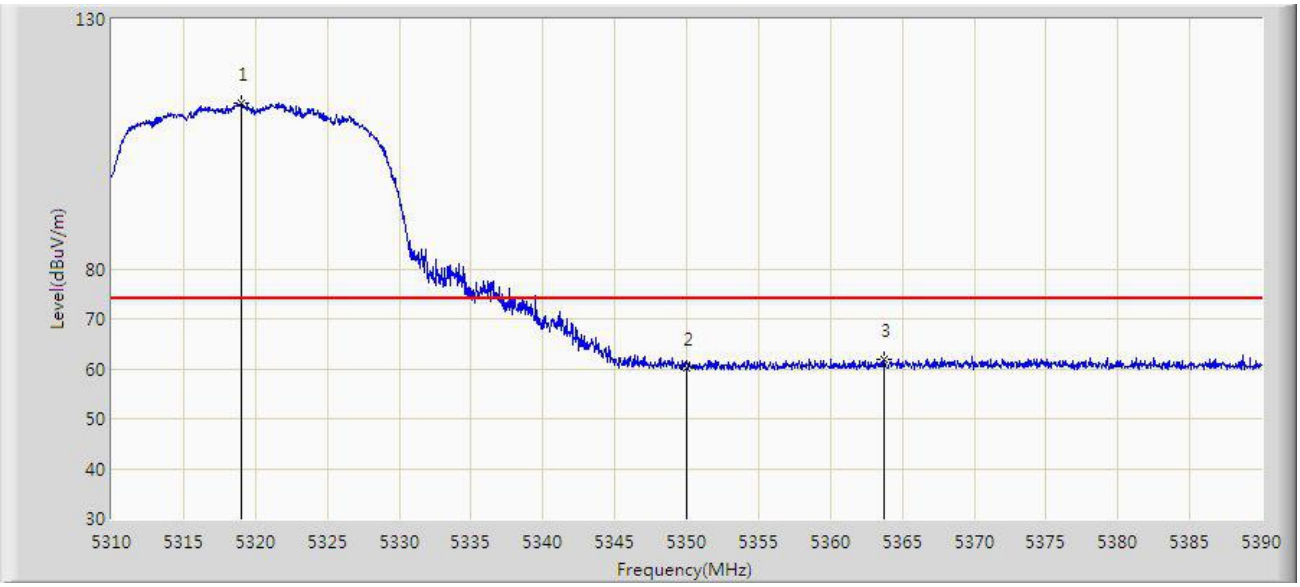


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1		*	5319.320	105.021	113.572	N/A	N/A	-8.552	AV
2			5350.000	48.880	57.938	-5.120	54.000	-9.057	AV
3			5357.200	49.291	58.181	-4.709	54.000	-8.890	AV

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

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

Site: SIP-AC3	Time: 2021/03/19 - 13:16
Limit: FCC_Part15_15.209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual Band WiFi Mesh	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5320MHz	

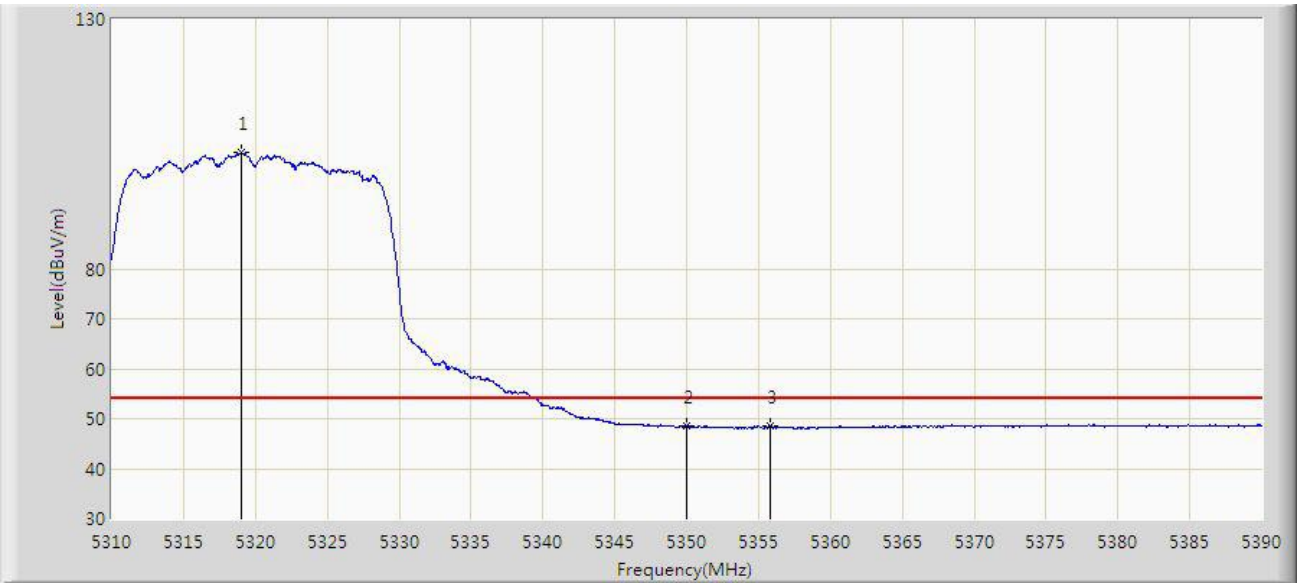


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1		*	5319.000	113.137	121.678	N/A	N/A	-8.541	PK
2			5350.000	60.225	69.283	-13.775	74.000	-9.057	PK
3			5363.720	61.971	70.648	-12.029	74.000	-8.677	PK

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

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

Site: SIP-AC3	Time: 2021/03/19 - 13:19
Limit: FCC_Part15_15.209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual Band WiFi Mesh	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5320MHz	

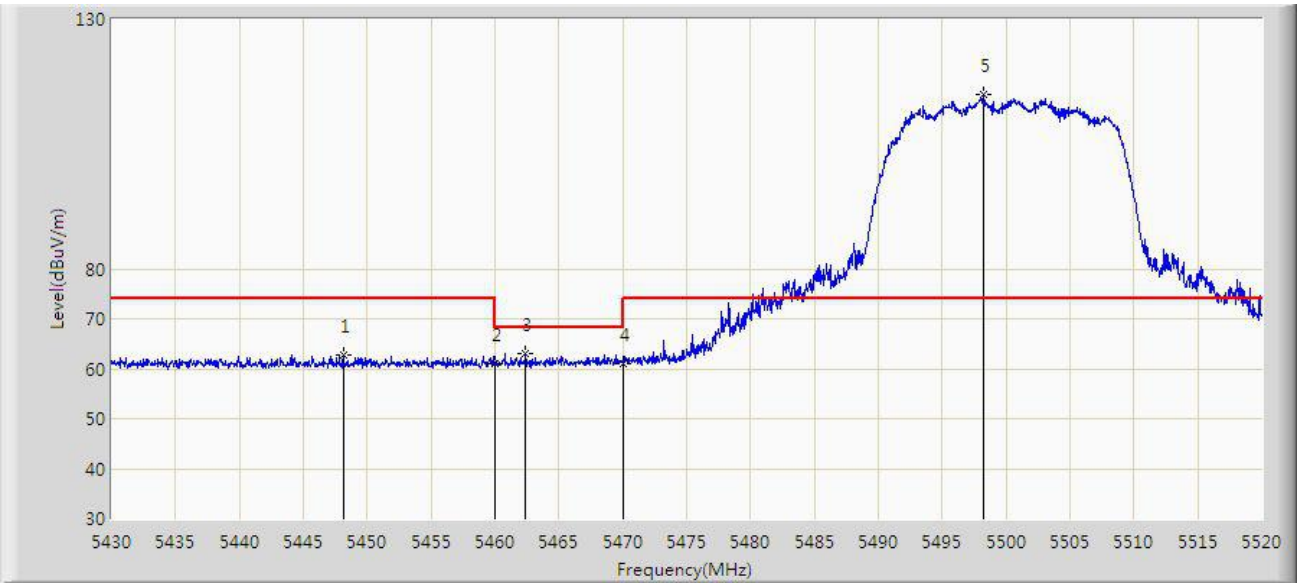


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1		*	5319.040	103.209	111.751	N/A	N/A	-8.543	AV
2			5350.000	48.529	57.587	-5.471	54.000	-9.057	AV
3			5355.800	48.638	57.574	-5.362	54.000	-8.936	AV

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

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

Site: SIP-AC3	Time: 2021/03/19 - 13:25
Limit: FCC_Part15_15.209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual Band WiFi Mesh	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5500MHz	

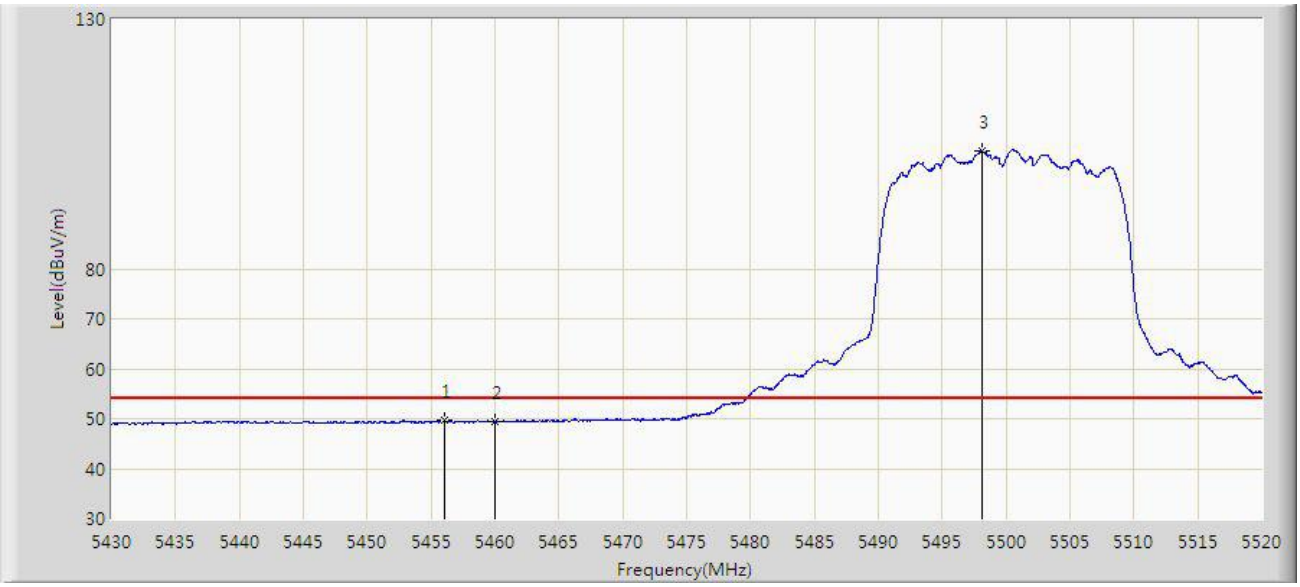


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1			5448.135	62.737	71.048	-11.263	74.000	-8.310	PK
2			5460.000	61.149	69.493	-12.851	74.000	-8.345	PK
3			5462.400	62.971	71.304	-5.229	68.200	-8.333	PK
4			5470.000	61.064	69.362	-7.136	68.200	-8.297	PK
5		*	5498.265	114.901	123.079	N/A	N/A	-8.179	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: SIP-AC3	Time: 2021/03/19 - 13:30
Limit: FCC_Part15_15.209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual Band WiFi Mesh	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5500MHz	

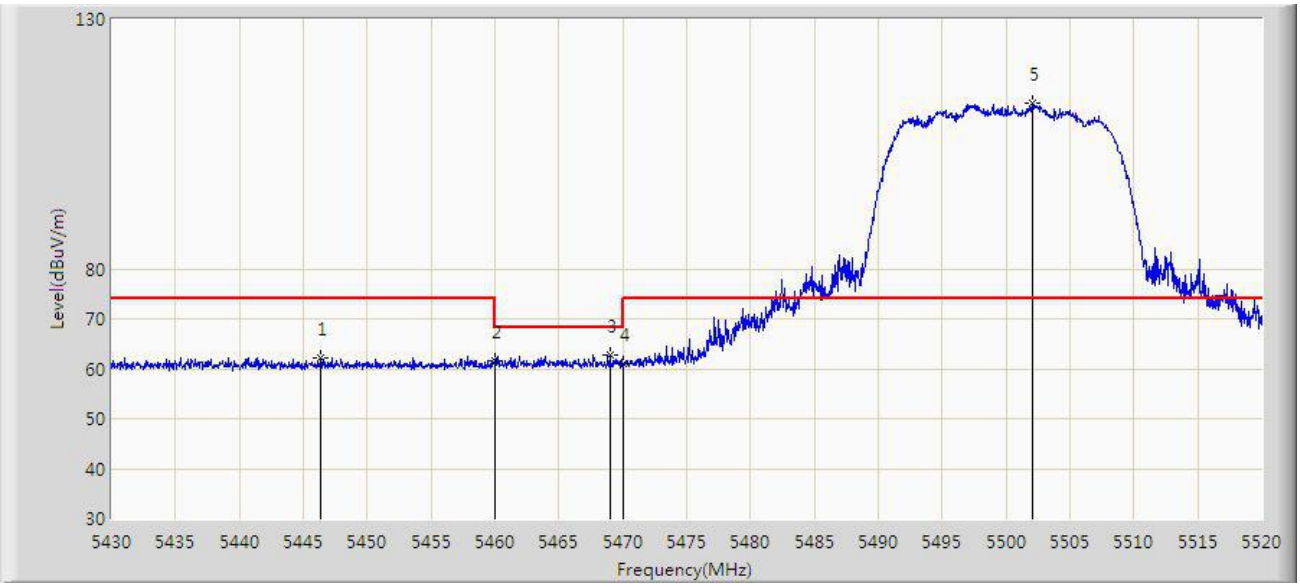


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1			5456.100	49.638	58.000	-4.362	54.000	-8.362	AV
2			5460.000	49.473	57.817	-4.527	54.000	-8.345	AV
3		*	5498.130	103.765	111.944	N/A	N/A	-8.179	AV

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

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

Site: SIP-AC3	Time: 2021/03/19 - 13:31
Limit: FCC_Part15_15.209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual Band WiFi Mesh	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5500MHz	

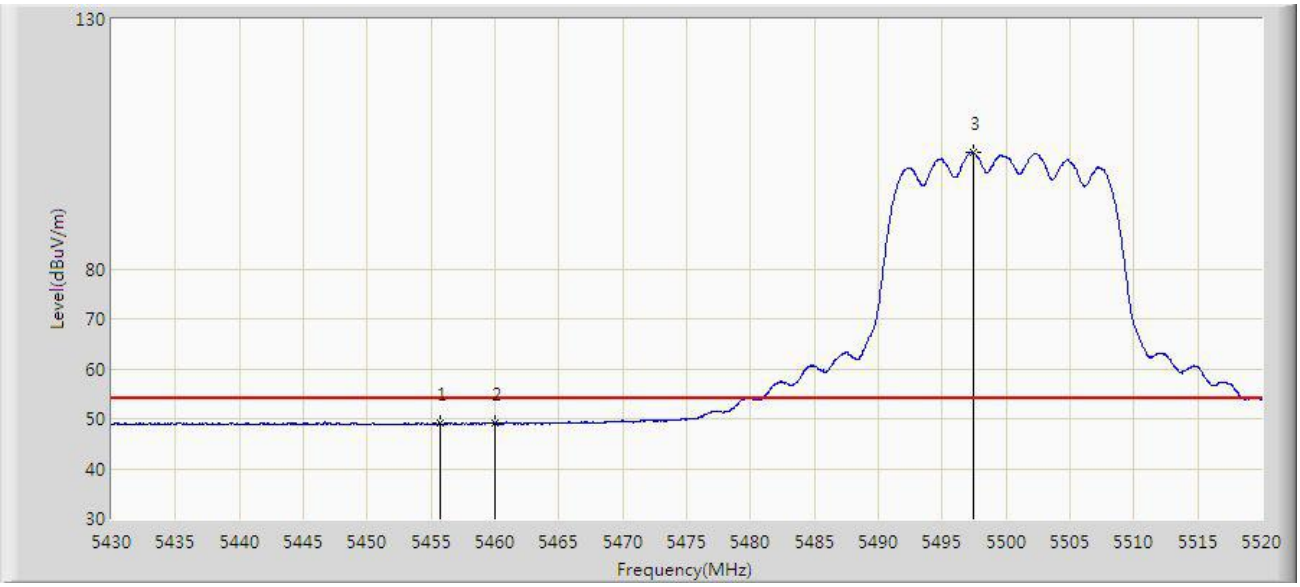


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1			5446.380	62.176	70.468	-11.824	74.000	-8.292	PK
2			5460.000	61.513	69.857	-12.487	74.000	-8.345	PK
3			5468.970	62.842	71.144	-5.358	68.200	-8.302	PK
4			5470.000	61.121	69.419	-7.079	68.200	-8.297	PK
5		*	5502.090	113.068	121.235	N/A	N/A	-8.168	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: SIP-AC3	Time: 2021/03/19 - 13:36
Limit: FCC_Part15_15.209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual Band WiFi Mesh	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5500MHz	

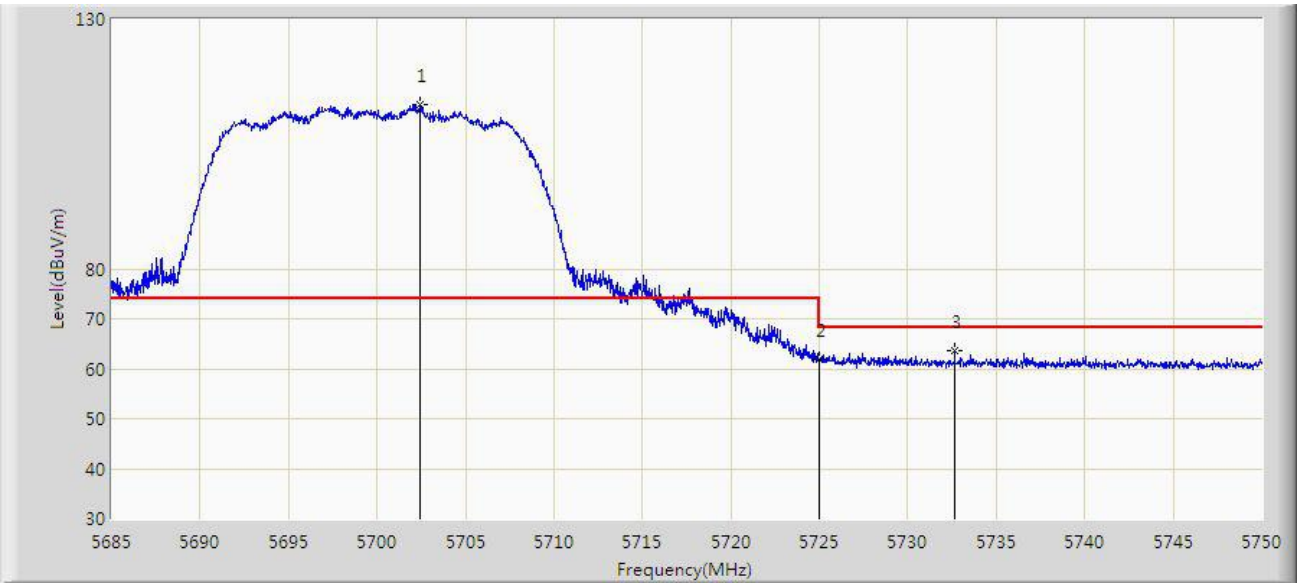


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1			5455.695	49.183	57.547	-4.817	54.000	-8.365	AV
2			5460.000	49.143	57.487	-4.857	54.000	-8.345	AV
3		*	5497.410	103.201	111.382	N/A	N/A	-8.181	AV

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

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

Site: SIP-AC3	Time: 2021/03/19 - 13:37
Limit: FCC_Part15_15.209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual Band WiFi Mesh	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5700MHz	

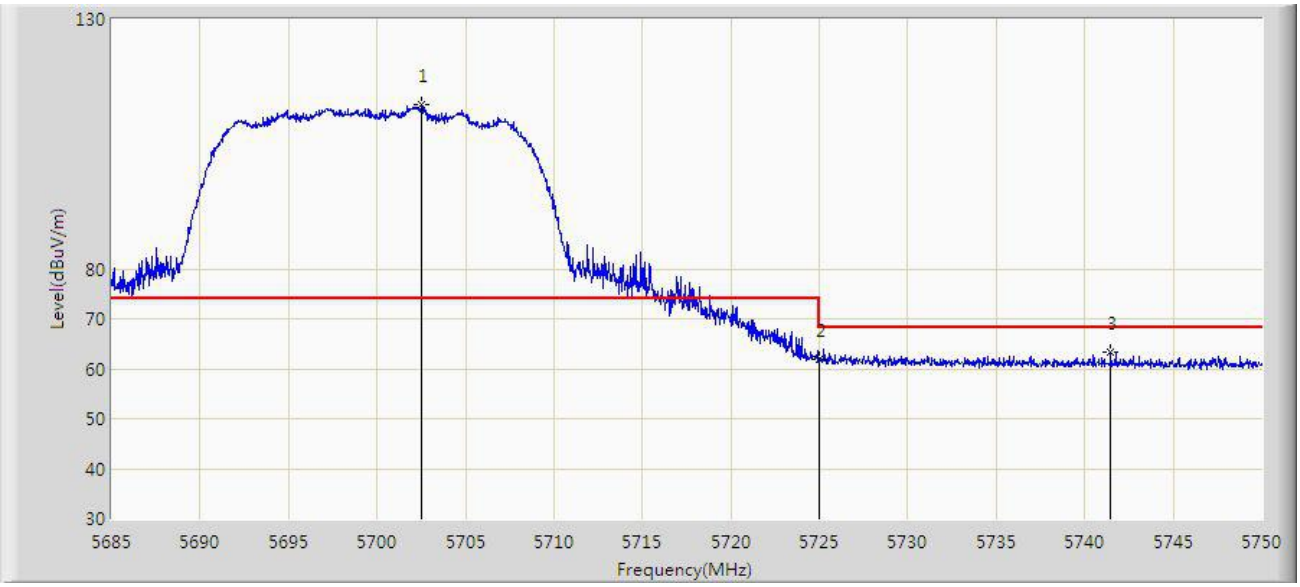


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1		*	5702.453	112.908	121.315	N/A	N/A	-8.407	PK
2			5725.000	61.968	70.280	-6.232	68.200	-8.312	PK
3			5732.645	63.494	71.853	-4.706	68.200	-8.359	PK

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

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

Site: SIP-AC3	Time: 2021/03/19 - 13:42
Limit: FCC_Part15_15.209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual Band WiFi Mesh	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5700MHz	

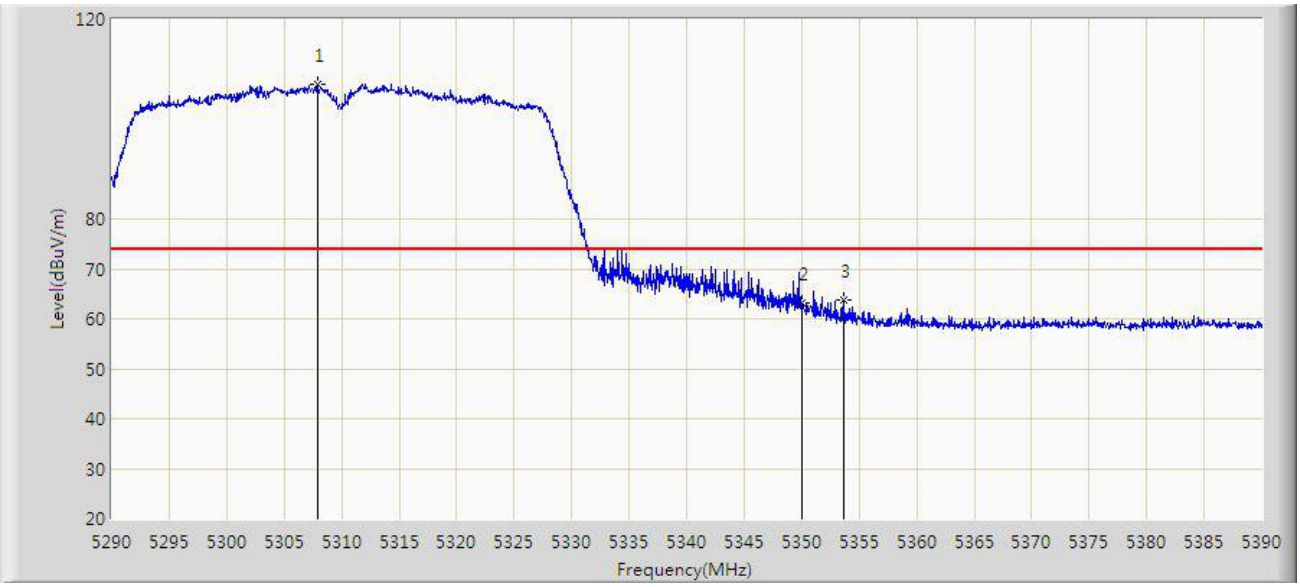


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1		*	5702.550	112.827	121.234	N/A	N/A	-8.407	PK
2			5725.000	61.992	70.304	-6.208	68.200	-8.312	PK
3			5741.485	63.237	71.665	-4.963	68.200	-8.428	PK

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

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

Site: WZ-AC1	Time: 2021/02/02 - 17:08
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Dual Band WiFi Mesh	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5310Mhz	

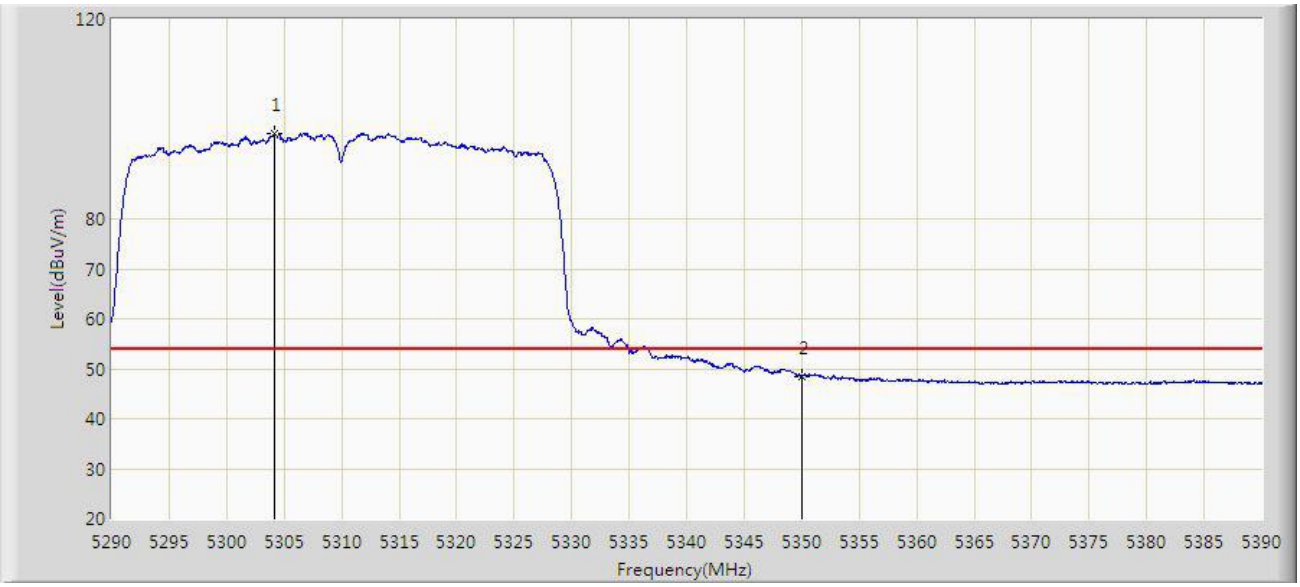


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1		*	5307.900	106.862	101.347	N/A	N/A	5.515	PK
2			5350.000	63.263	57.240	-10.737	74.000	6.023	PK
3			5353.700	63.720	57.798	-10.280	74.000	5.922	PK

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

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

Site: WZ-AC1	Time: 2021/02/02 - 17:12
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Dual Band WiFi Mesh	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5310Mhz	

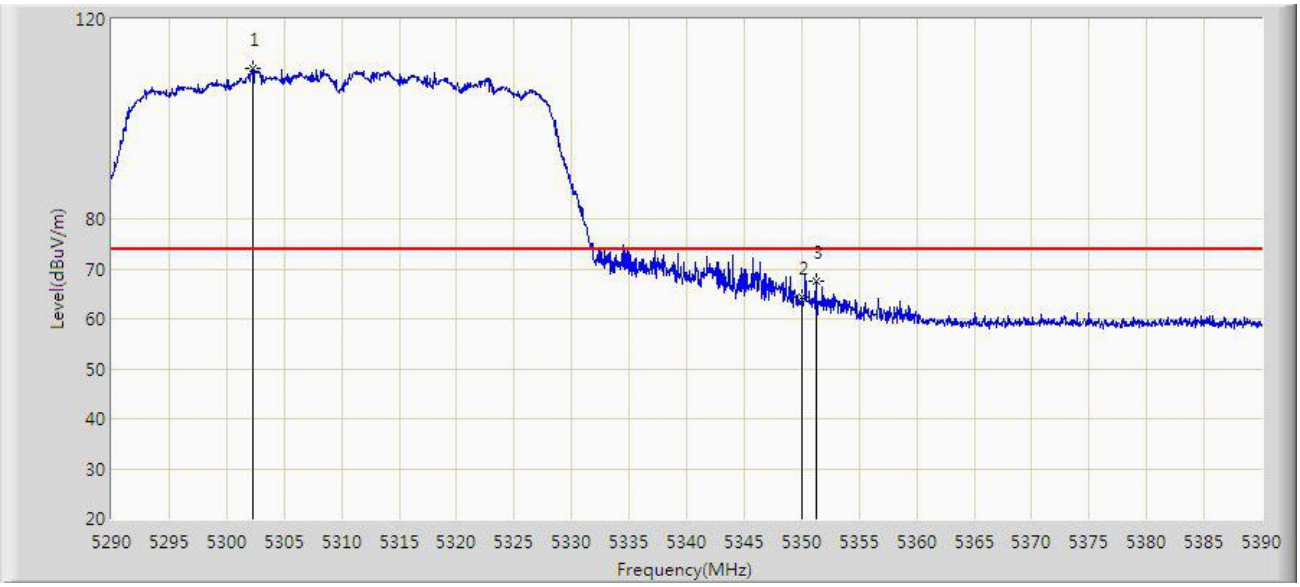


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1		*	5304.150	96.963	91.457	N/A	N/A	5.505	AV
2			5350.000	48.481	42.458	-5.519	54.000	6.023	AV

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

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

Site: WZ-AC1	Time: 2021/02/02 - 17:14
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Dual Band WiFi Mesh	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5310Mhz	

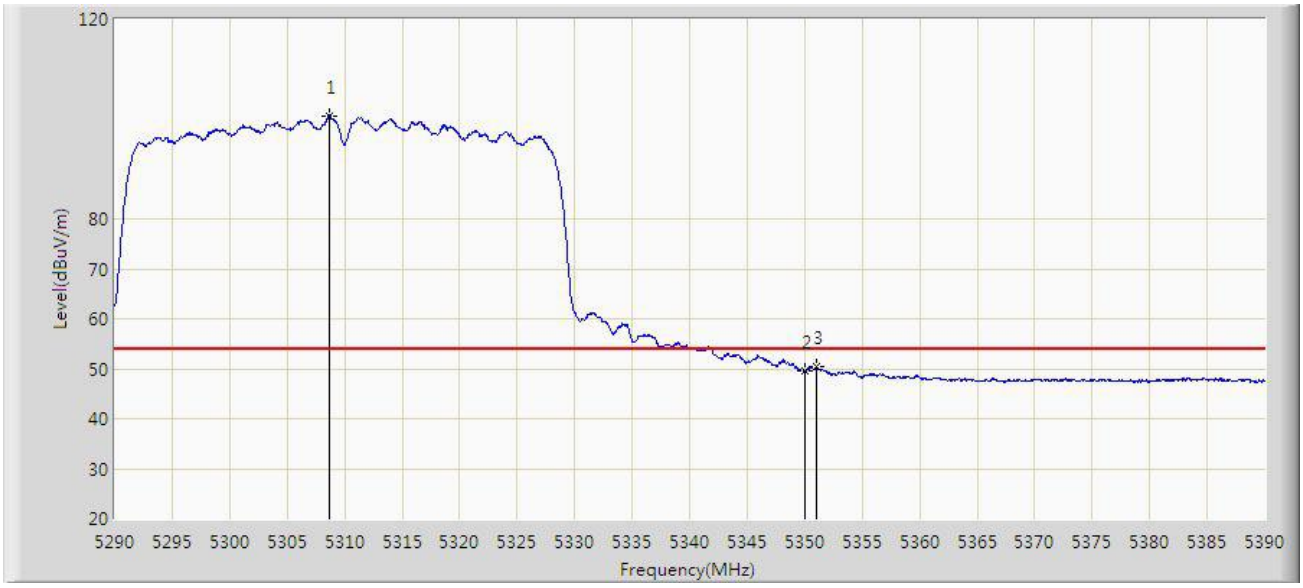


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1		*	5302.300	110.016	104.515	N/A	N/A	5.501	PK
2			5350.000	64.262	58.239	-9.738	74.000	6.023	PK
3			5351.250	67.594	61.609	-6.406	74.000	5.986	PK

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

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

Site: WZ-AC1	Time: 2021/02/02 - 17:15
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Dual Band WiFi Mesh	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5310Mhz	

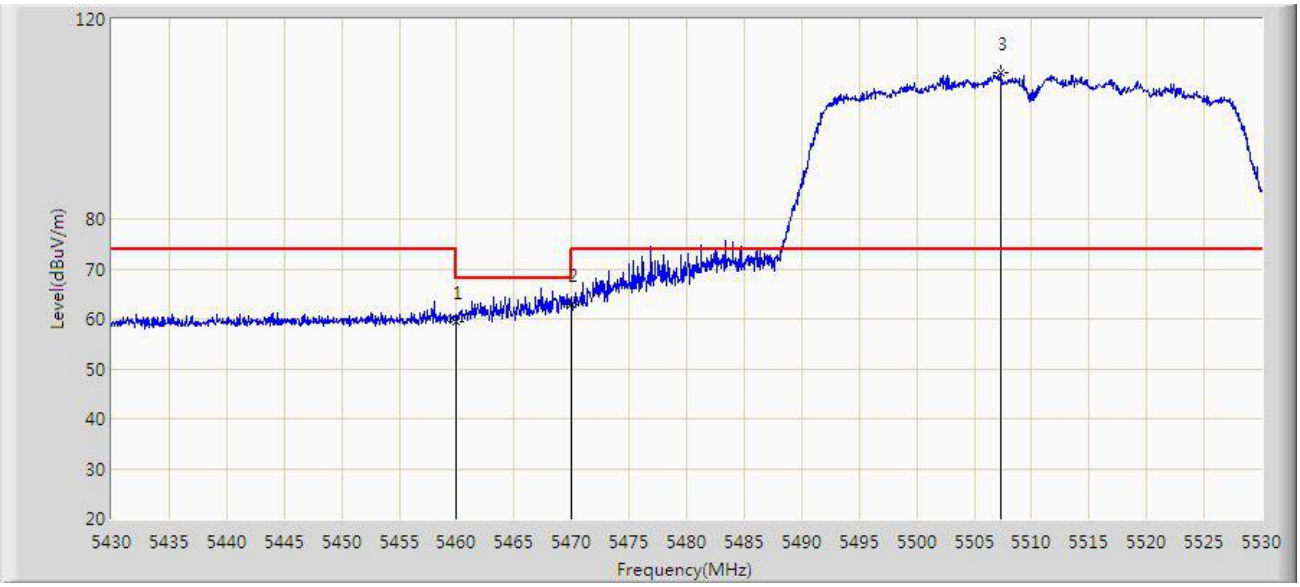


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1		*	5308.650	100.611	95.095	N/A	N/A	5.516	AV
2			5350.000	49.666	43.643	-4.334	54.000	6.023	AV
3			5351.050	50.435	44.444	-3.565	54.000	5.992	AV

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

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

Site: WZ-AC1	Time: 2021/02/02 - 17:47
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Dual Band WiFi Mesh	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5510Mhz	

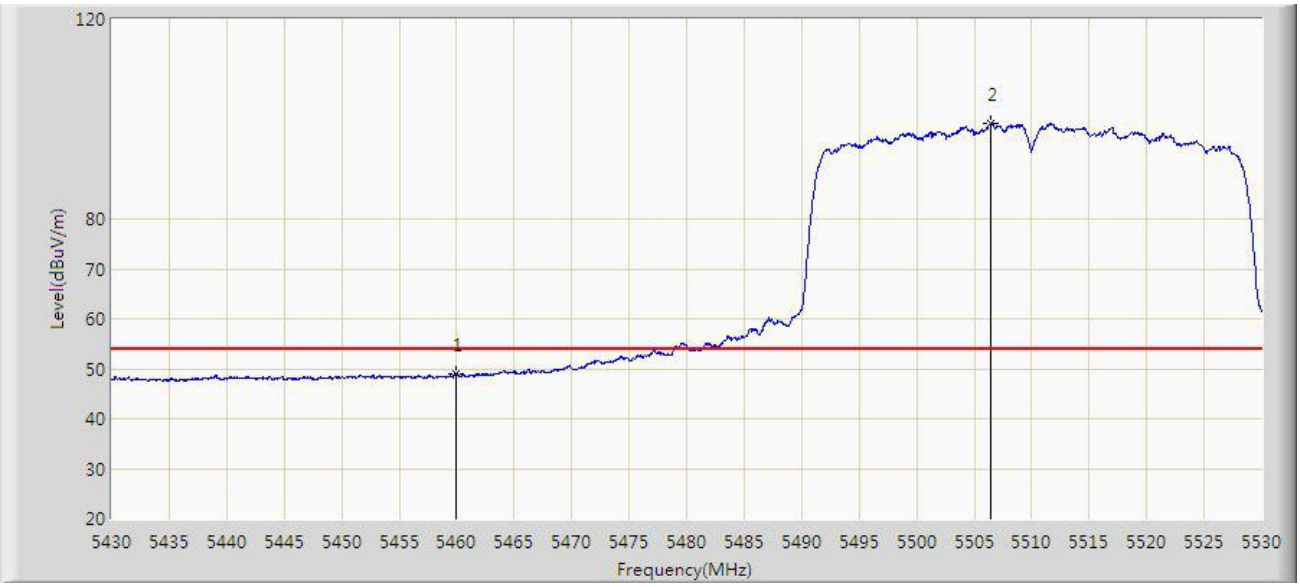


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1			5460.000	59.549	53.466	-14.451	74.000	6.084	PK
2			5470.000	62.992	56.848	-5.208	68.200	6.143	PK
3		*	5507.300	109.301	103.203	N/A	N/A	6.098	PK

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

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

Site: WZ-AC1	Time: 2021/02/02 - 17:49
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Dual Band WiFi Mesh	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5510Mhz	

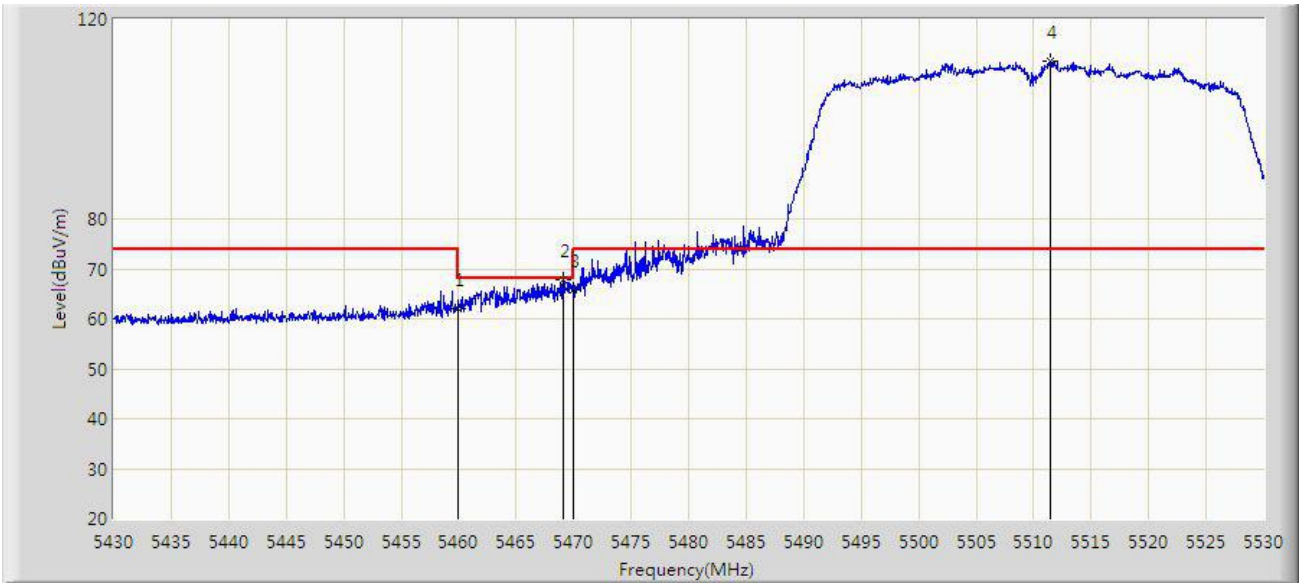


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1			5460.000	48.977	42.894	-5.023	54.000	6.084	AV
2		*	5506.400	99.050	92.942	N/A	N/A	6.108	AV

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

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

Site: WZ-AC1	Time: 2021/02/02 - 17:50
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Dual Band WiFi Mesh	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5510Mhz	

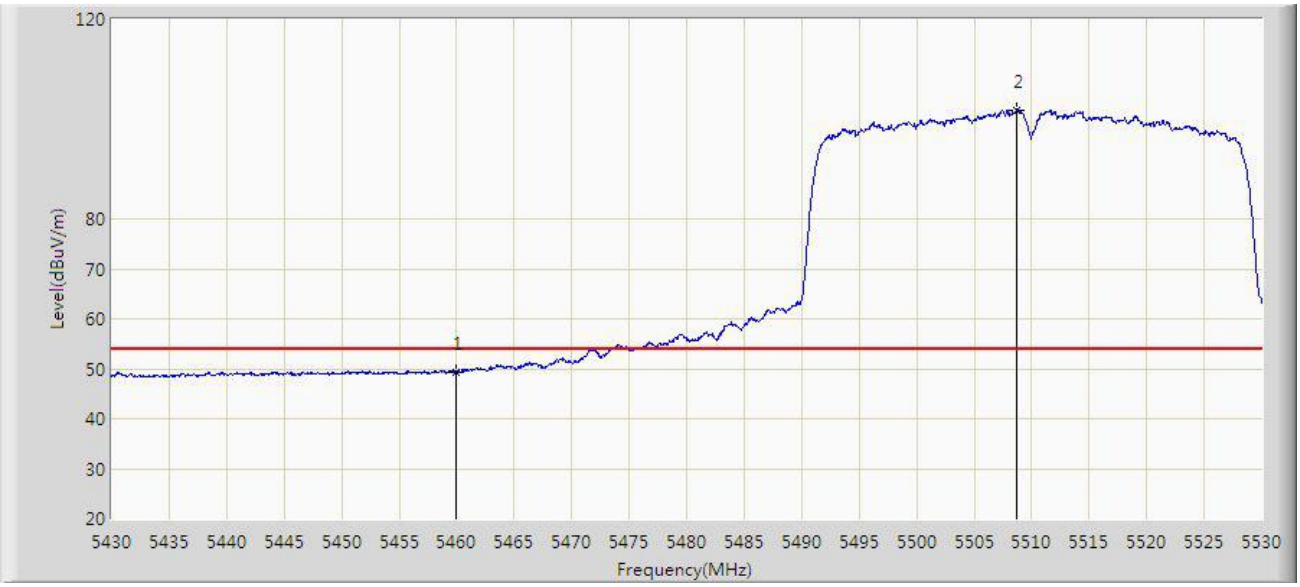


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1			5460.000	61.960	55.877	-12.040	74.000	6.084	PK
2			5469.050	67.941	61.803	-0.259	68.200	6.138	PK
3			5470.000	65.678	59.534	-2.522	68.200	6.143	PK
4		*	5511.450	111.588	105.504	N/A	N/A	6.085	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: WZ-AC1	Time: 2021/02/02 - 17:52
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Dual Band WiFi Mesh	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5510Mhz	

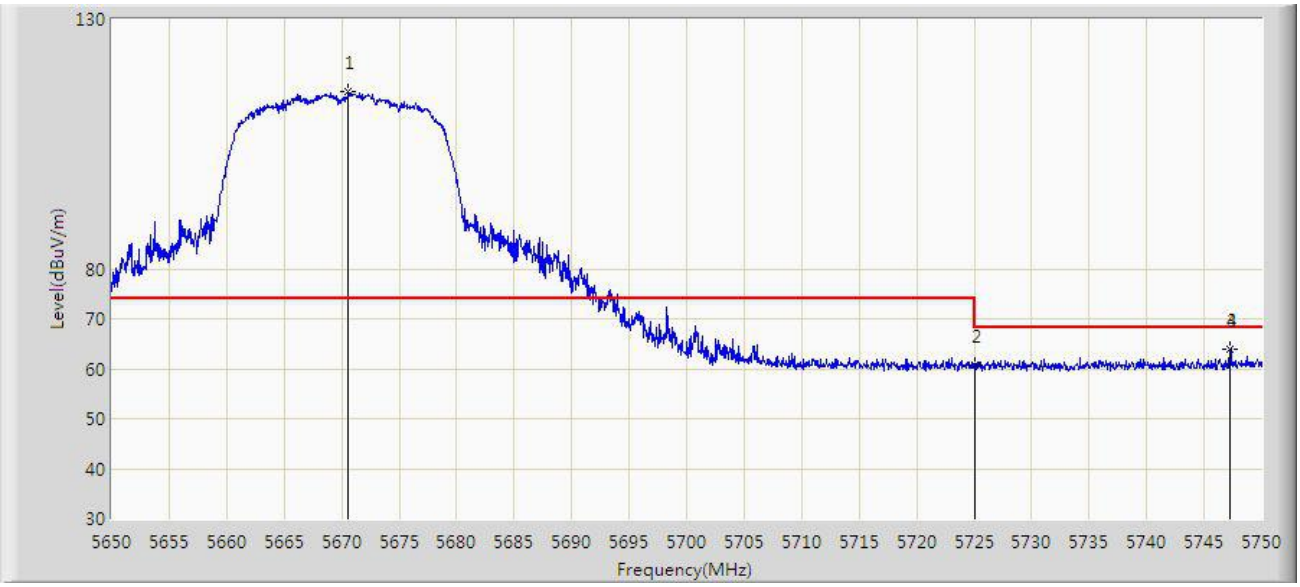


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1			5460.000	49.356	43.273	-4.644	54.000	6.084	AV
2		*	5508.650	101.839	95.746	N/A	N/A	6.093	AV

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

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

Site: WZ-AC1	Time: 2021/02/04 - 22:57
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Dual Band WiFi Mesh	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5670Mhz	

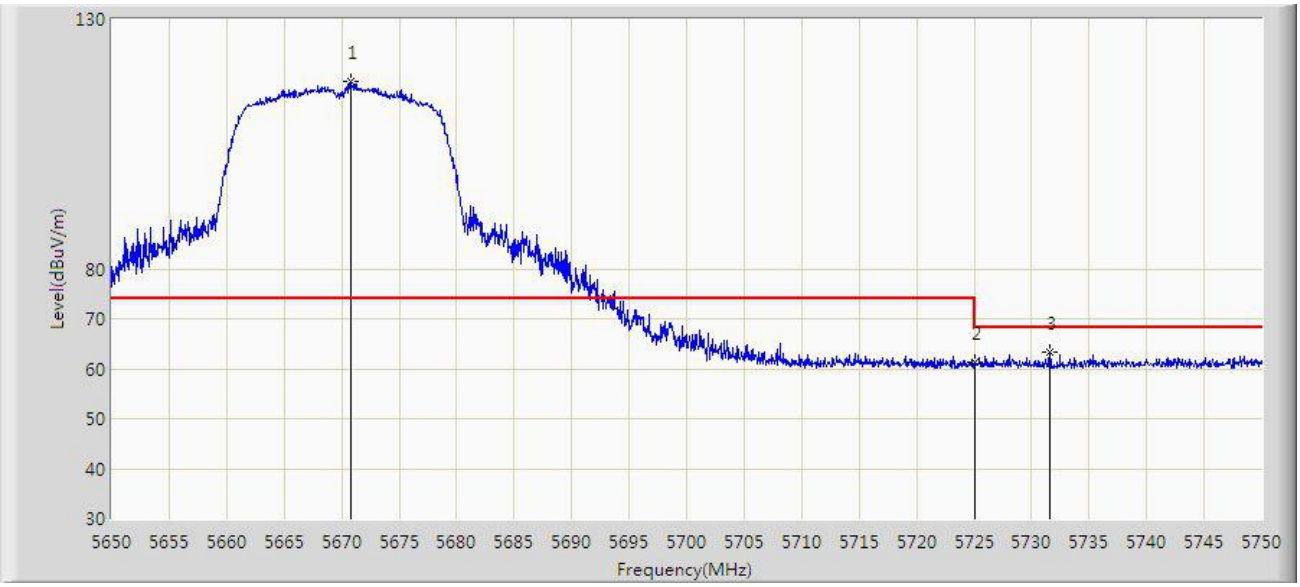


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1		*	5670.550	115.530	109.365	N/A	N/A	6.165	PK
2			5725.000	60.720	54.739	-7.480	68.200	5.981	PK
3			5747.300	64.056	57.632	-4.144	68.200	6.424	PK
4			5747.300	64.056	57.632	-4.144	68.200	6.424	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: WZ-AC1	Time: 2021/02/04 - 22:58
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Dual Band WiFi Mesh	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5670Mhz	

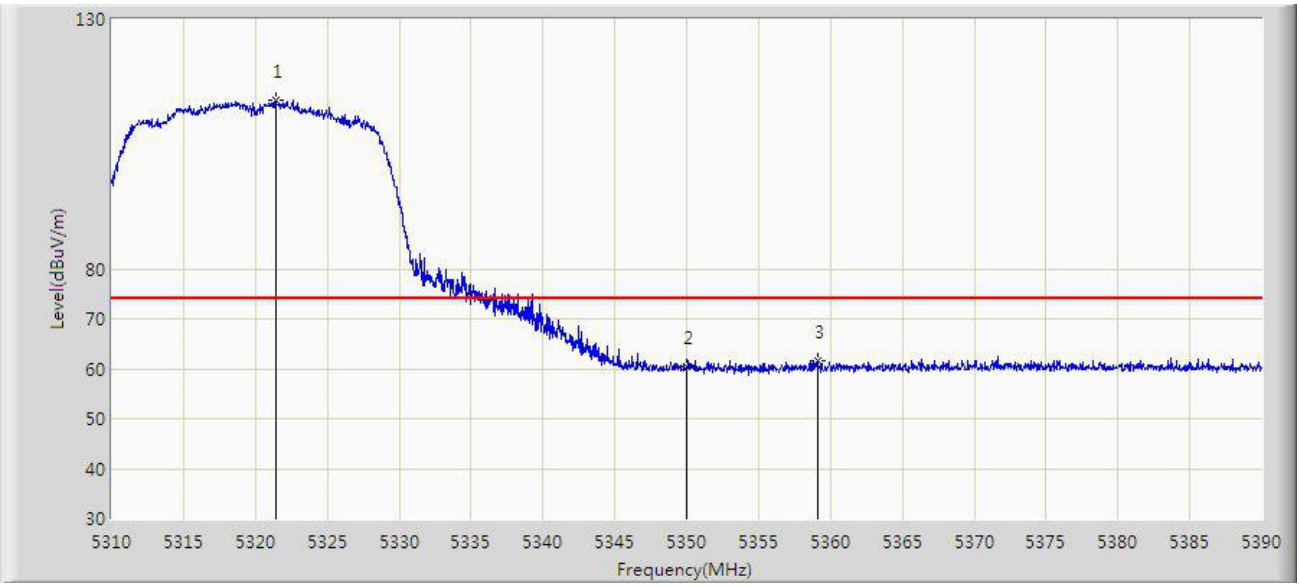


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1		*	5670.800	117.486	111.320	N/A	N/A	6.166	PK
2			5725.000	61.272	55.291	-6.928	68.200	5.981	PK
3			5731.550	63.362	57.247	-4.838	68.200	6.116	PK

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

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

Site: SIP-AC3	Time: 2021/03/19 - 13:46
Limit: FCC_Part15_15.209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual Band WiFi Mesh	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5320MHz	

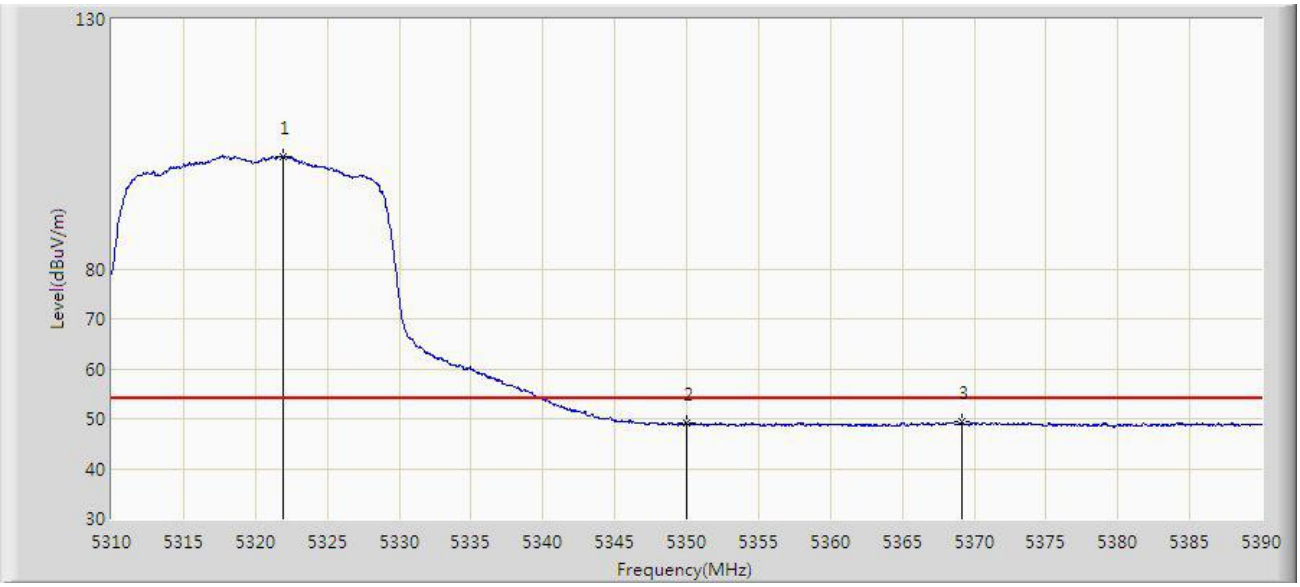


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1		*	5321.400	113.772	122.388	N/A	N/A	-8.616	PK
2			5350.000	60.347	69.405	-13.653	74.000	-9.057	PK
3			5359.120	61.638	70.466	-12.362	74.000	-8.828	PK

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

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

Site: SIP-AC3	Time: 2021/03/19 - 13:52
Limit: FCC_Part15_15.209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual Band WiFi Mesh	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5320MHz	

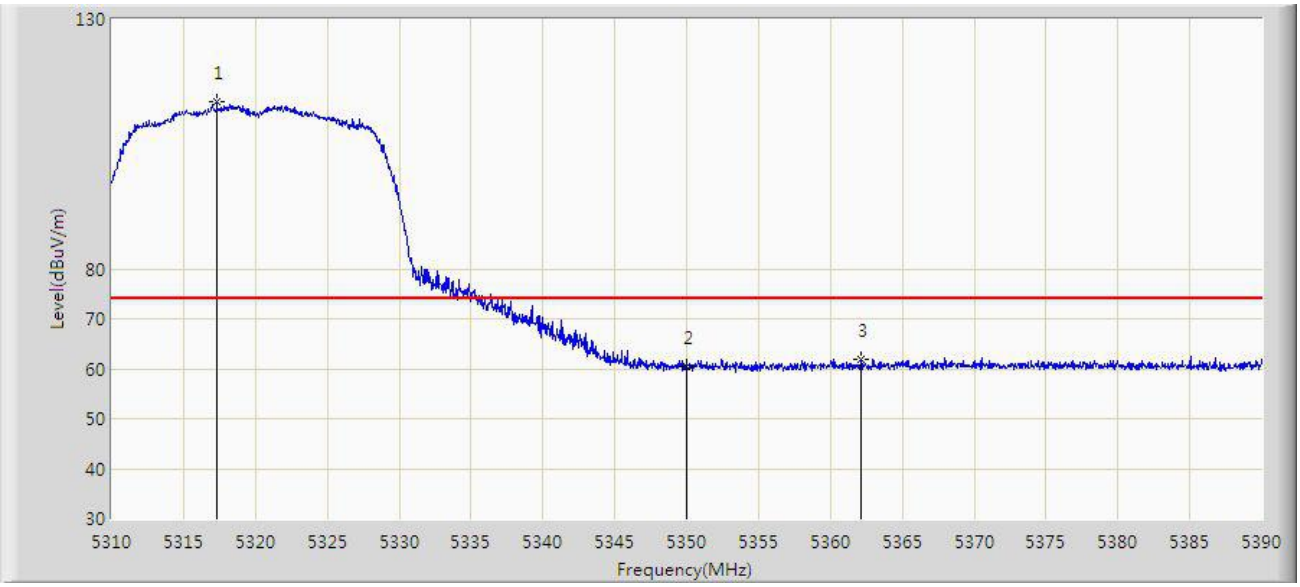


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1		*	5321.880	102.574	111.205	N/A	N/A	-8.630	AV
2			5350.000	49.090	58.148	-4.910	54.000	-9.057	AV
3			5369.120	49.281	57.785	-4.719	54.000	-8.505	AV

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

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

Site: SIP-AC3	Time: 2021/03/19 - 13:53
Limit: FCC_Part15_15.209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual Band WiFi Mesh	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5320MHz	

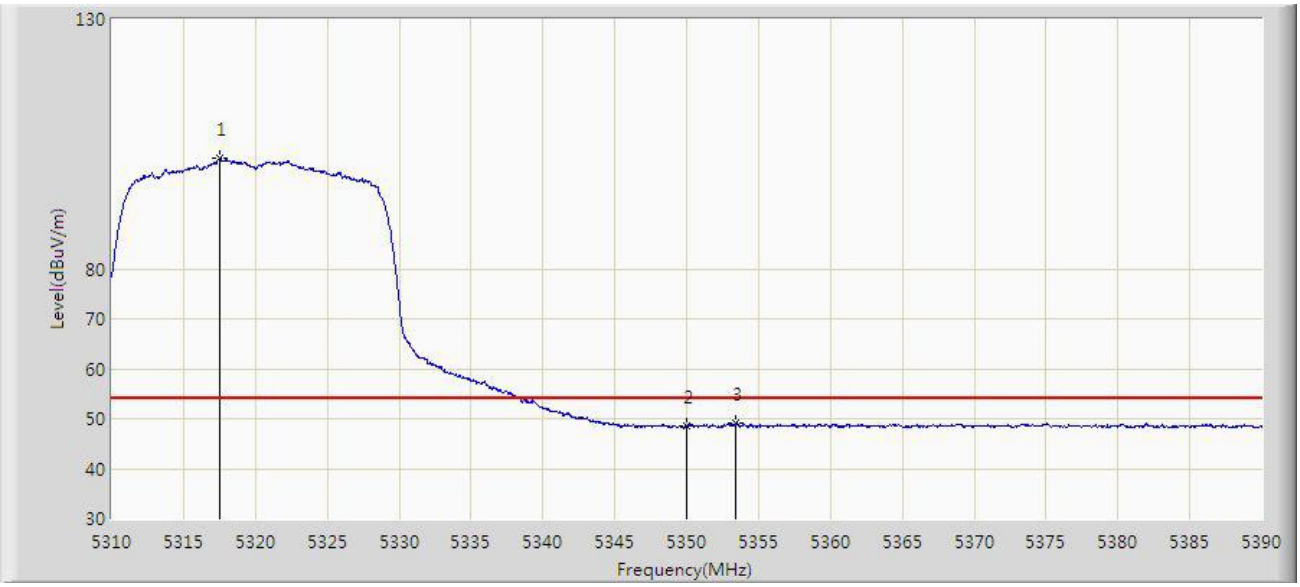


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1		*	5317.320	113.388	121.908	N/A	N/A	-8.521	PK
2			5350.000	60.510	69.568	-13.490	74.000	-9.057	PK
3			5362.120	61.894	70.624	-12.106	74.000	-8.730	PK

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

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

Site: SIP-AC3	Time: 2021/03/19 - 13:57
Limit: FCC_Part15_15.209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual Band WiFi Mesh	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5320MHz	

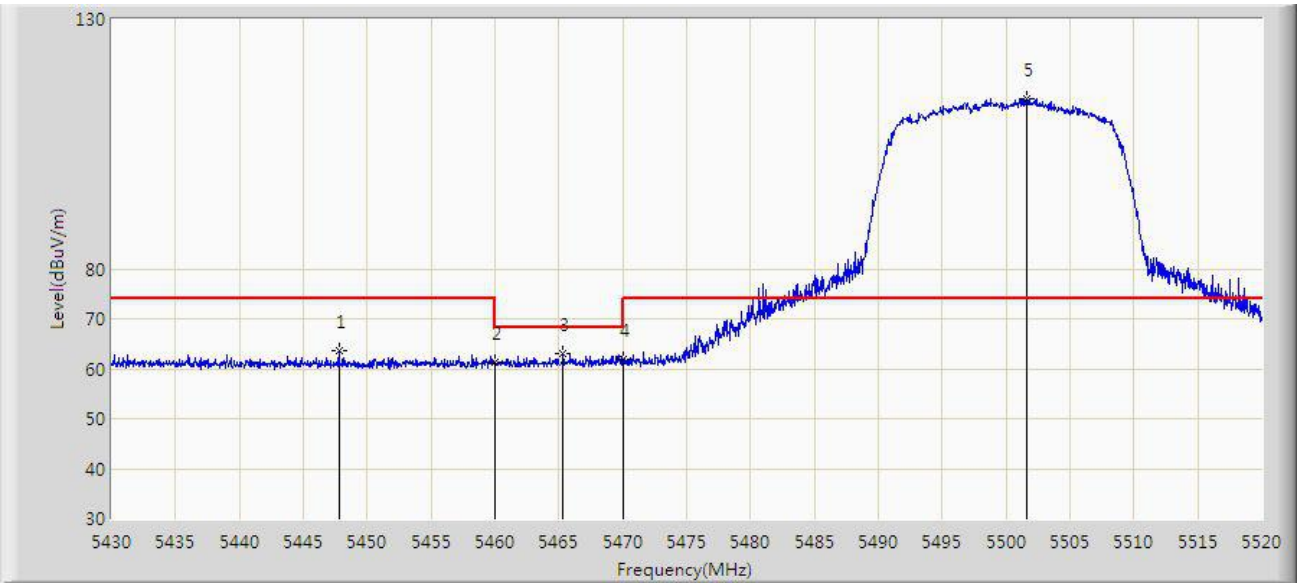


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1		*	5317.560	102.072	110.589	N/A	N/A	-8.518	AV
2			5350.000	48.543	57.601	-5.457	54.000	-9.057	AV
3			5353.440	49.022	58.035	-4.978	54.000	-9.013	AV

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

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

Site: SIP-AC3	Time: 2021/03/19 - 13:59
Limit: FCC_Part15_15.209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual Band WiFi Mesh	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5500MHz	

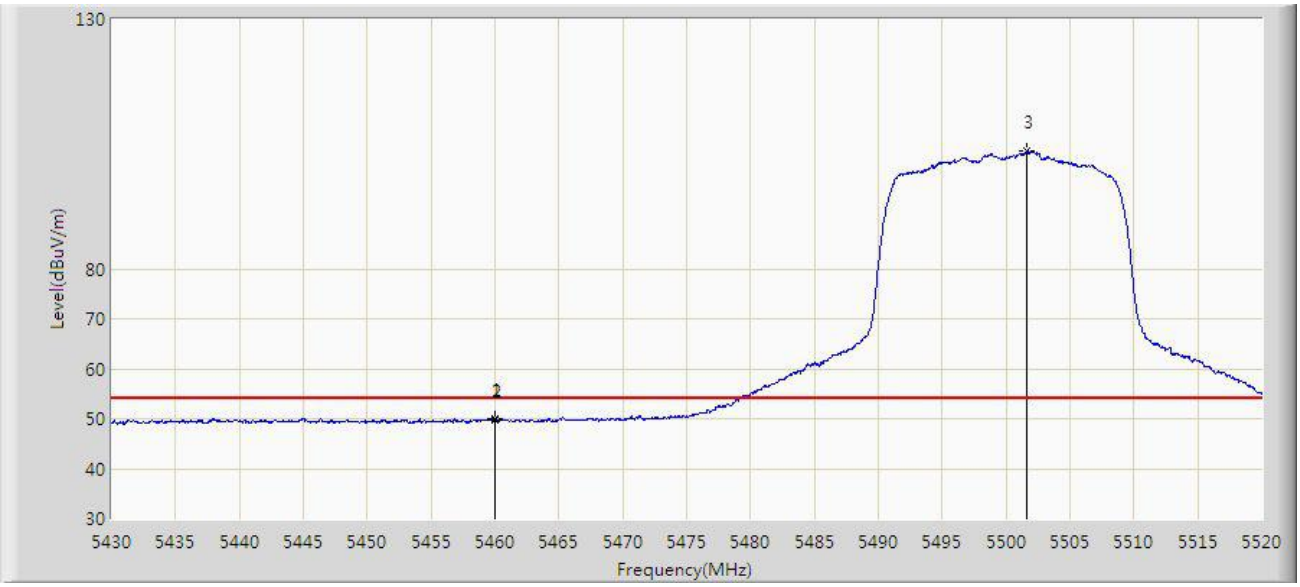


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1			5447.775	63.508	71.815	-10.492	74.000	-8.307	PK
2			5460.000	61.261	69.605	-12.739	74.000	-8.345	PK
3			5465.325	63.166	71.485	-5.034	68.200	-8.319	PK
4			5470.000	61.955	70.253	-6.245	68.200	-8.297	PK
5		*	5501.595	114.055	122.224	N/A	N/A	-8.169	PK

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

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

Site: SIP-AC3	Time: 2021/03/19 - 14:04
Limit: FCC_Part15_15.209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual Band WiFi Mesh	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5500MHz	

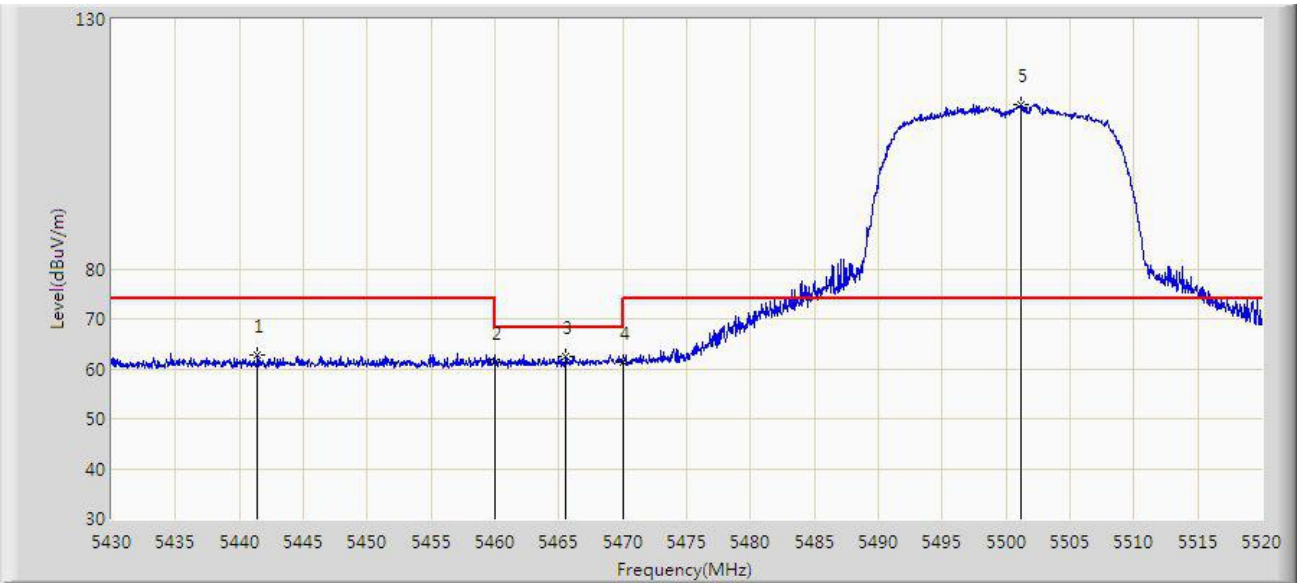


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1			5459.970	50.063	58.407	-3.937	54.000	-8.345	AV
2			5460.000	49.842	58.186	-4.158	54.000	-8.345	AV
3		*	5501.640	103.502	111.671	N/A	N/A	-8.169	AV

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

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

Site: SIP-AC3	Time: 2021/03/19 - 14:07
Limit: FCC_Part15_15.209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual Band WiFi Mesh	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5500MHz	

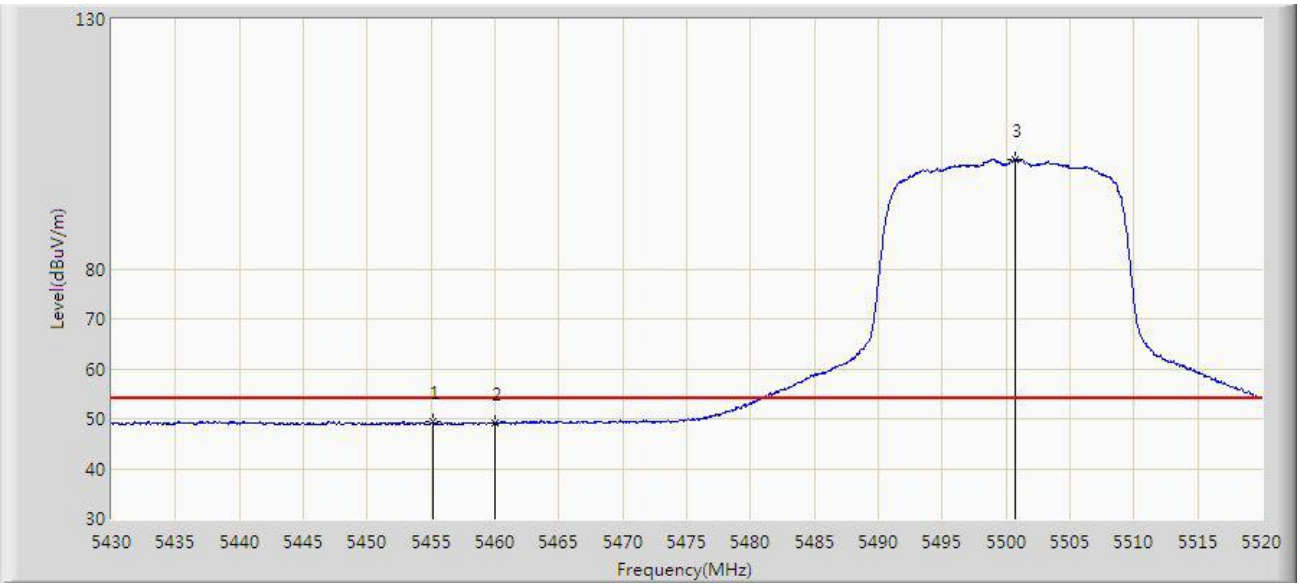


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1			5441.430	62.838	71.078	-11.162	74.000	-8.241	PK
2			5460.000	61.356	69.700	-12.644	74.000	-8.345	PK
3			5465.550	62.558	70.876	-5.642	68.200	-8.318	PK
4			5470.000	61.224	69.522	-6.976	68.200	-8.297	PK
5		*	5501.190	112.919	121.089	N/A	N/A	-8.170	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: SIP-AC3	Time: 2021/03/19 - 14:11
Limit: FCC_Part15_15.209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual Band WiFi Mesh	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5500MHz	

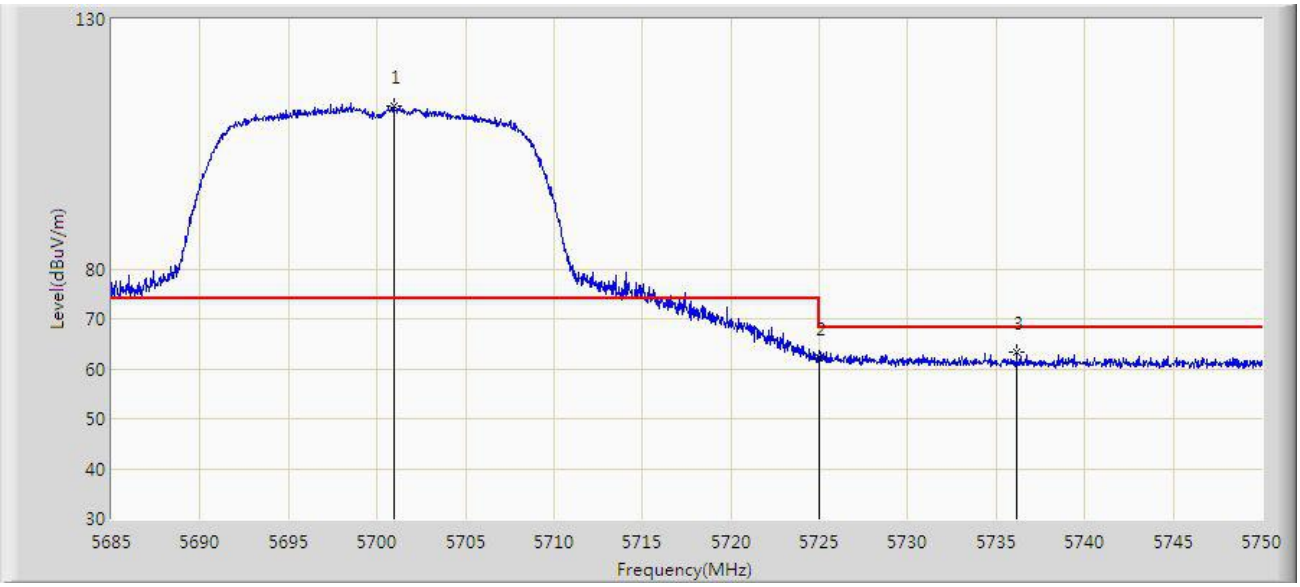


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1			5455.155	49.336	57.703	-4.664	54.000	-8.366	AV
2			5460.000	49.008	57.352	-4.992	54.000	-8.345	AV
3		*	5500.740	101.899	110.070	N/A	N/A	-8.172	AV

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

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

Site: SIP-AC3	Time: 2021/03/19 - 14:13
Limit: FCC_Part15_15.209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual Band WiFi Mesh	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5700MHz	

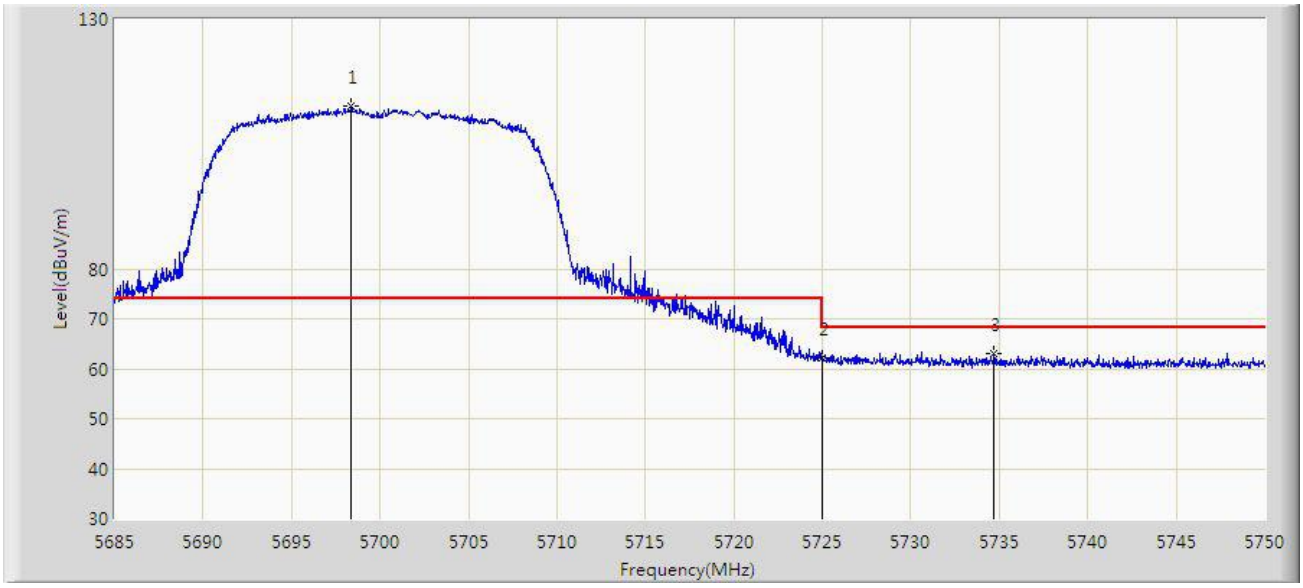


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1		*	5700.925	112.495	120.906	N/A	N/A	-8.410	PK
2			5725.000	62.228	70.540	-5.972	68.200	-8.312	PK
3			5736.155	63.461	71.847	-4.739	68.200	-8.387	PK

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

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

Site: SIP-AC3	Time: 2021/03/19 - 14:19
Limit: FCC_Part15_15.209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual Band WiFi Mesh	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5700MHz	

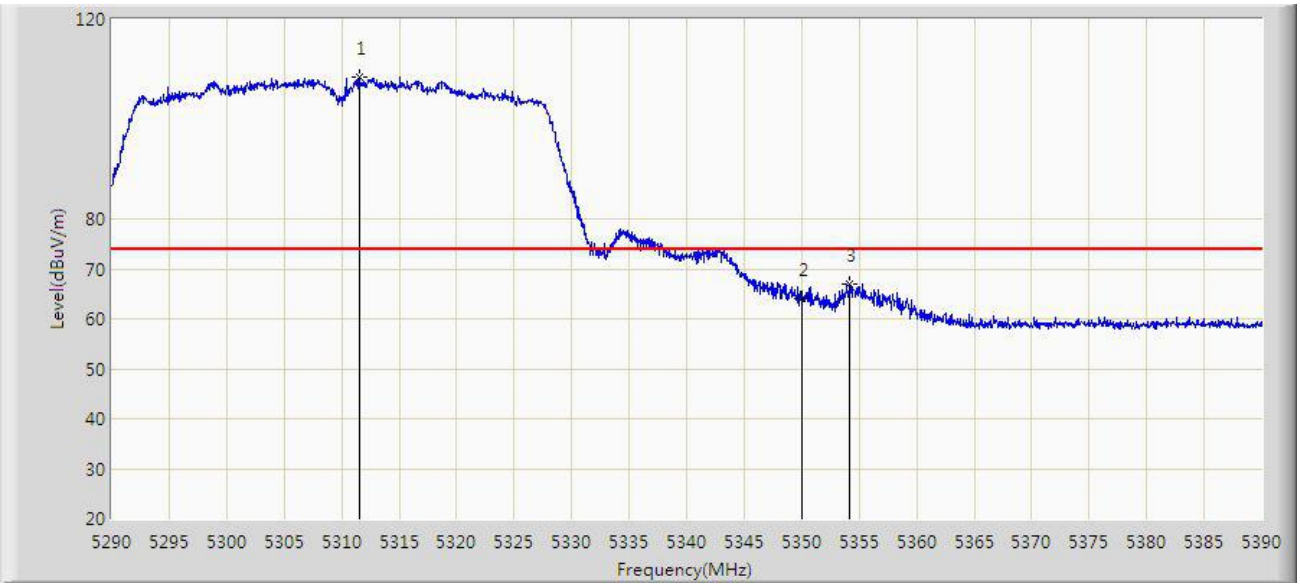


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1		*	5698.390	112.481	120.898	N/A	N/A	-8.417	PK
2			5725.000	62.261	70.573	-5.939	68.200	-8.312	PK
3			5734.725	63.009	71.384	-5.191	68.200	-8.375	PK

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

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

Site: WZ-AC1	Time: 2021/02/02 - 19:21
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Dual Band WiFi Mesh	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5310Mhz	

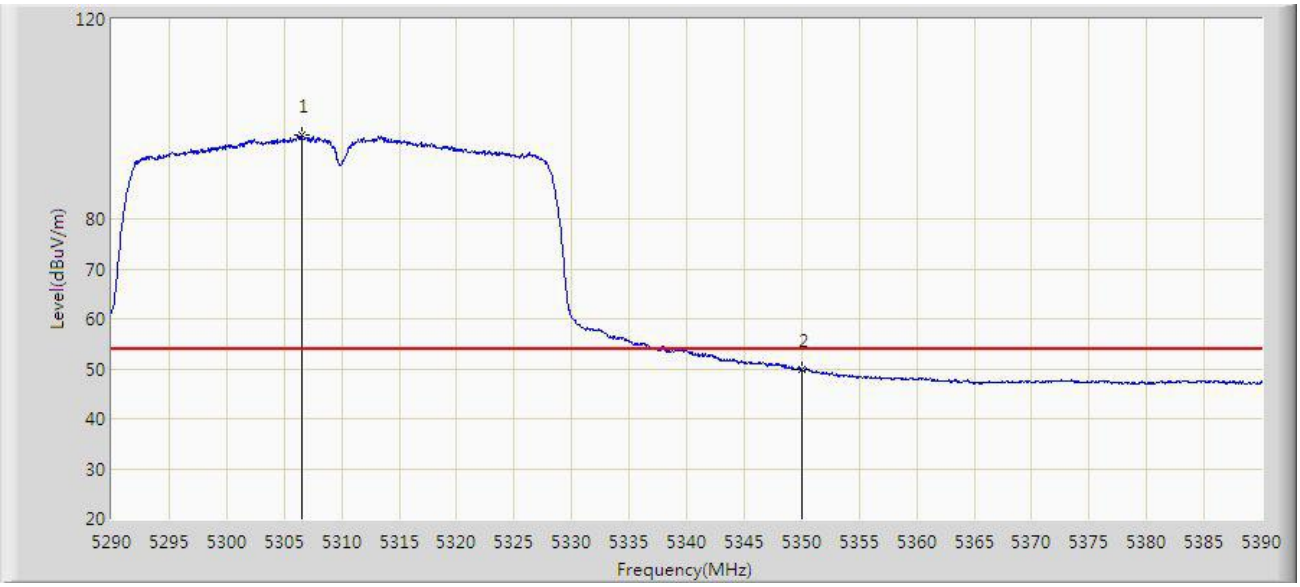


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1		*	5311.500	108.545	102.974	N/A	N/A	5.571	PK
2			5350.000	64.172	58.149	-9.828	74.000	6.023	PK
3			5354.200	66.861	60.951	-7.139	74.000	5.909	PK

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

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

Site: WZ-AC1	Time: 2021/02/02 - 19:23
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Dual Band WiFi Mesh	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5310Mhz	

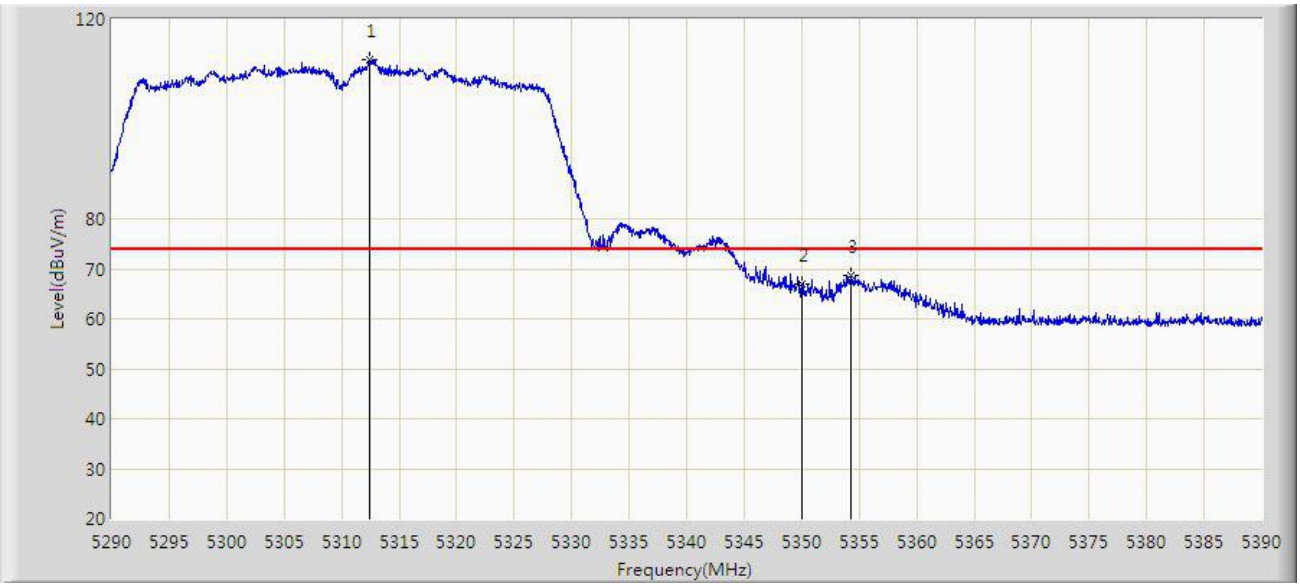


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1		*	5306.550	96.765	91.254	N/A	N/A	5.512	AV
2			5350.000	49.818	43.795	-4.182	54.000	6.023	AV

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

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

Site: WZ-AC1	Time: 2021/02/02 - 19:25
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Dual Band WiFi Mesh	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5310Mhz	

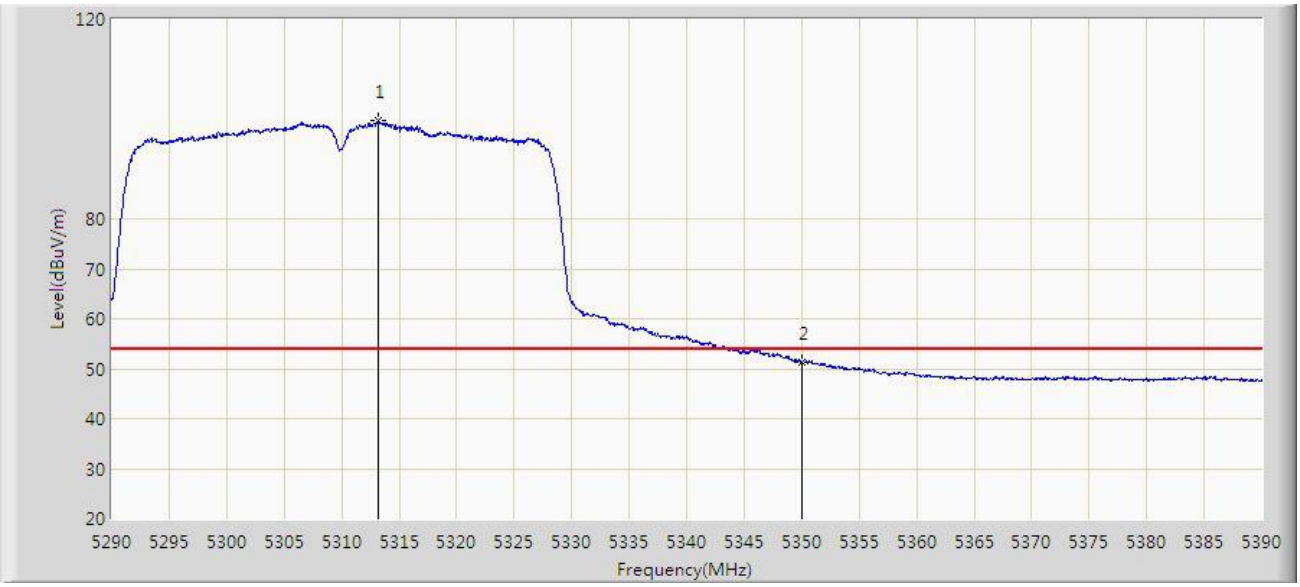


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1		*	5312.450	111.870	106.272	N/A	N/A	5.598	PK
2			5350.000	67.076	61.053	-6.924	74.000	6.023	PK
3			5354.300	68.605	62.697	-5.395	74.000	5.908	PK

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

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

Site: WZ-AC1	Time: 2021/02/02 - 19:26
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Dual Band WiFi Mesh	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5310Mhz	

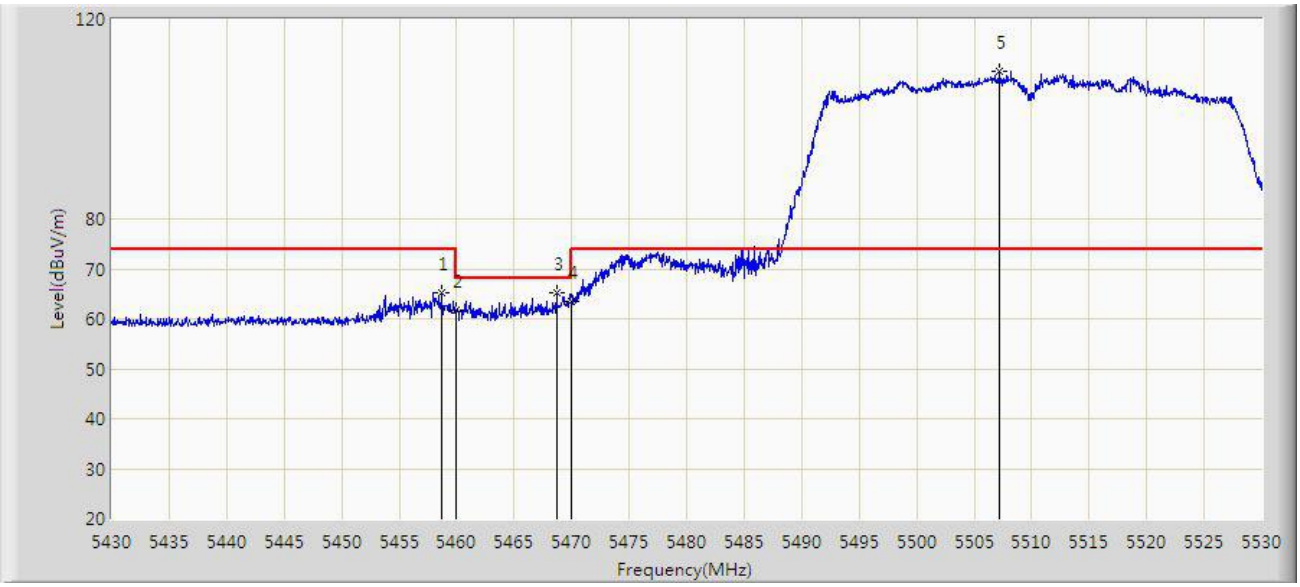


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1		*	5313.150	99.779	94.161	N/A	N/A	5.618	AV
2			5350.000	51.256	45.233	-2.744	54.000	6.023	AV

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

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

Site: WZ-AC1	Time: 2021/02/02 - 19:28
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Dual Band WiFi Mesh	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5510Mhz	

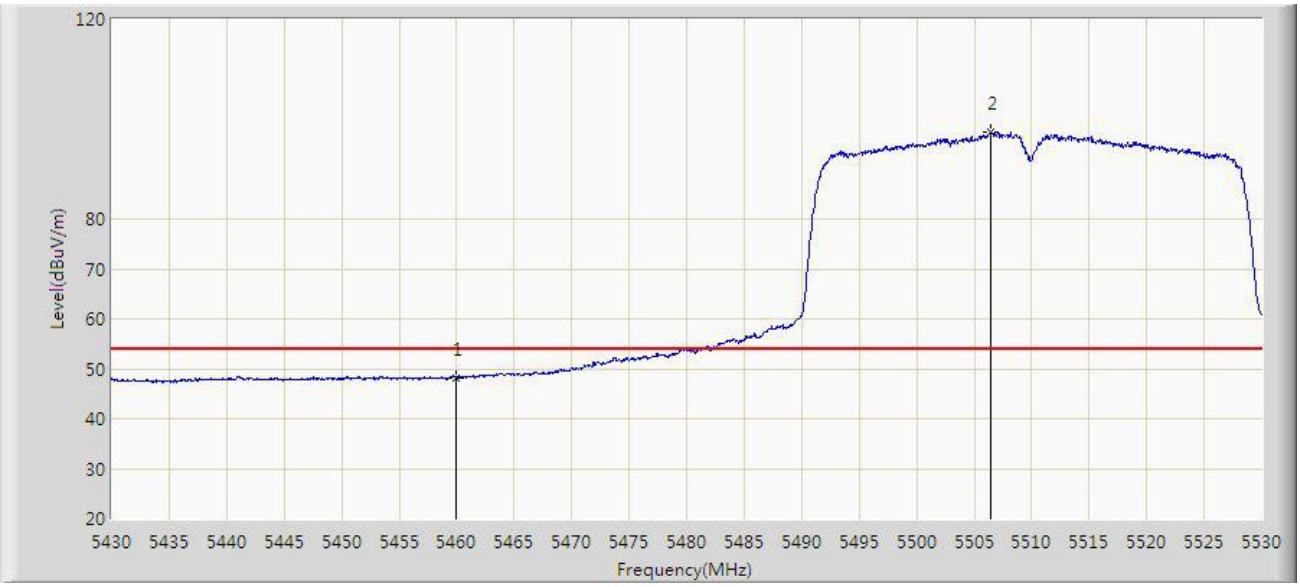


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1			5458.700	65.087	59.012	-8.913	74.000	6.076	PK
2			5460.000	61.722	55.639	-12.278	74.000	6.084	PK
3			5468.700	65.111	58.975	-3.089	68.200	6.135	PK
4			5470.000	63.601	57.457	-4.599	68.200	6.143	PK
5		*	5507.200	109.513	103.414	N/A	N/A	6.099	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: WZ-AC1	Time: 2021/02/02 - 19:30
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Dual Band WiFi Mesh	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5510Mhz	

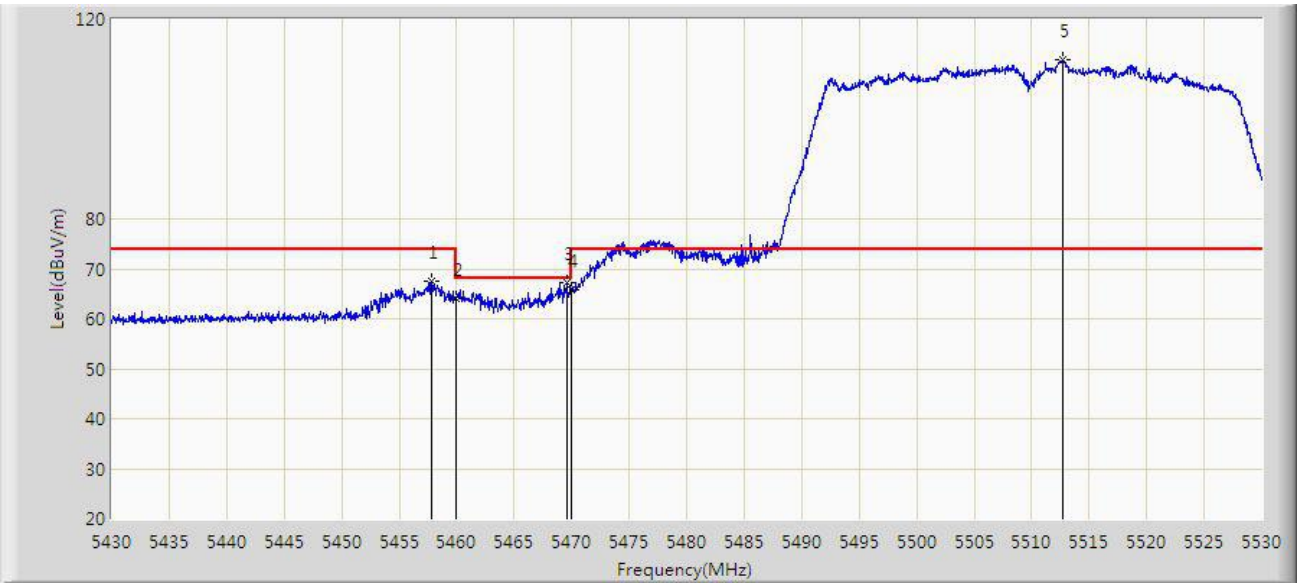


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1			5460.000	48.157	42.074	-5.843	54.000	6.084	AV
2		*	5506.500	97.307	91.200	N/A	N/A	6.108	AV

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

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

Site: WZ-AC1	Time: 2021/02/02 - 19:32
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Dual Band WiFi Mesh	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5510Mhz	

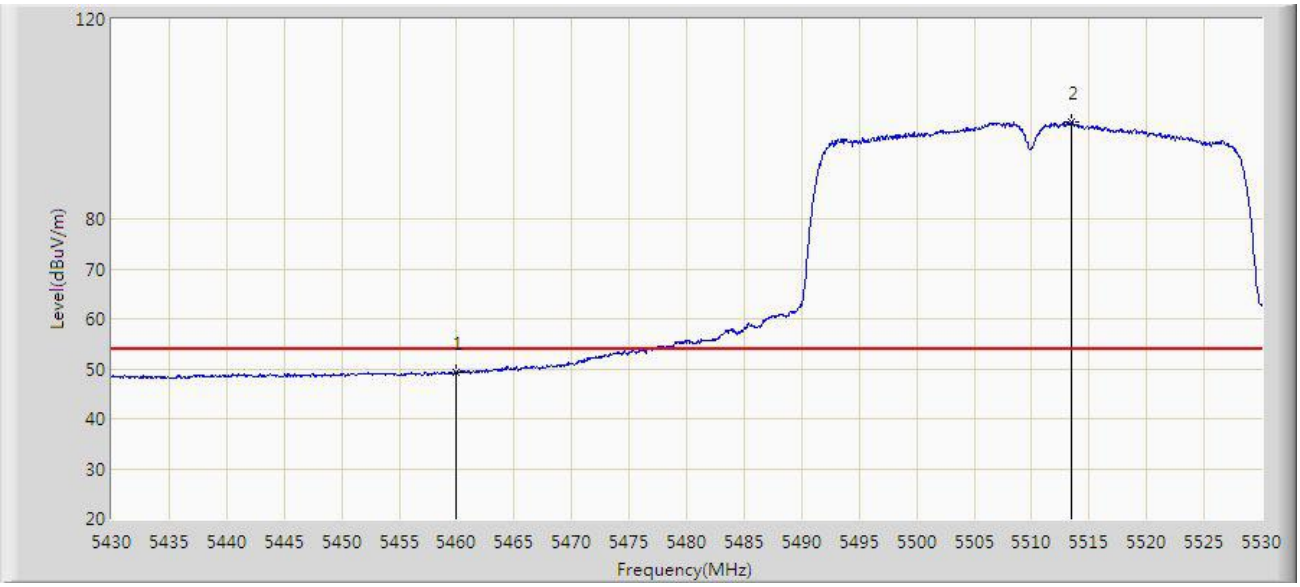


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1			5457.800	67.411	61.341	-6.589	74.000	6.069	PK
2			5460.000	64.068	57.985	-9.932	74.000	6.084	PK
3			5469.550	67.370	61.229	-0.830	68.200	6.141	PK
4			5470.000	65.741	59.597	-2.459	68.200	6.143	PK
5		*	5512.750	111.787	105.706	N/A	N/A	6.080	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: WZ-AC1	Time: 2021/02/02 - 19:34
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Dual Band WiFi Mesh	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5510Mhz	

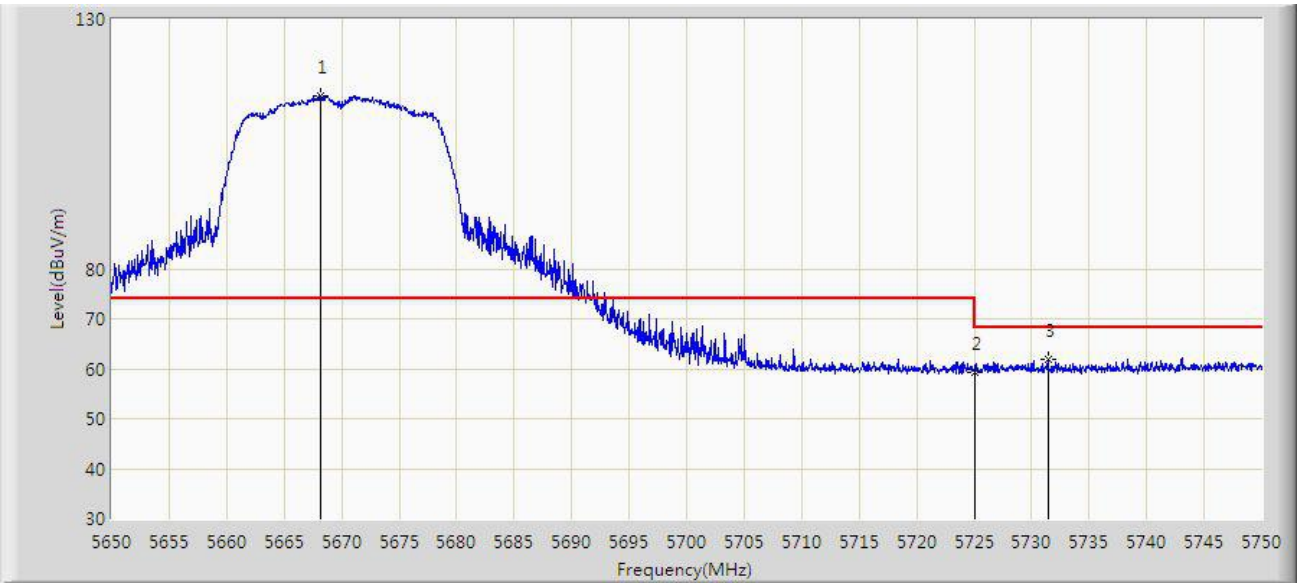


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1			5460.000	49.414	43.331	-4.586	54.000	6.084	AV
2		*	5513.500	99.468	93.390	N/A	N/A	6.079	AV

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

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

Site: WZ-AC1	Time: 2021/02/04 - 23:04
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Dual Band WiFi Mesh	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5670Mhz	

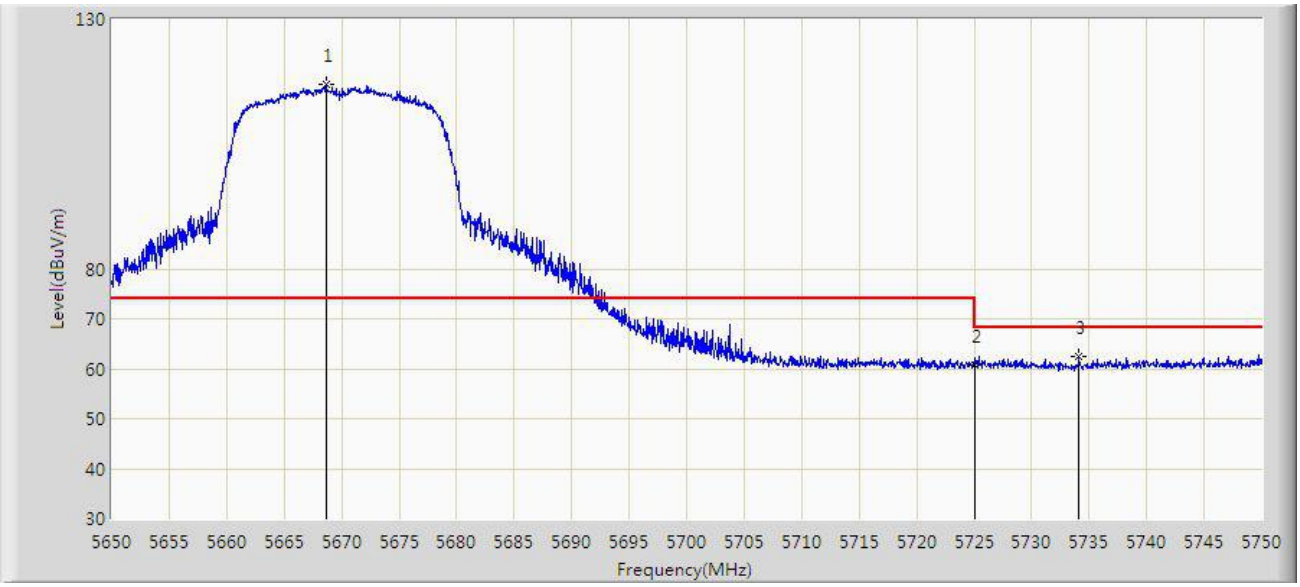


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1		*	5668.150	114.762	108.604	N/A	N/A	6.158	PK
2			5725.000	59.261	53.280	-8.939	68.200	5.981	PK
3			5731.400	61.850	55.738	-6.350	68.200	6.113	PK

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

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

Site: WZ-AC1	Time: 2021/02/04 - 23:06
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Dual Band WiFi Mesh	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5670Mhz	

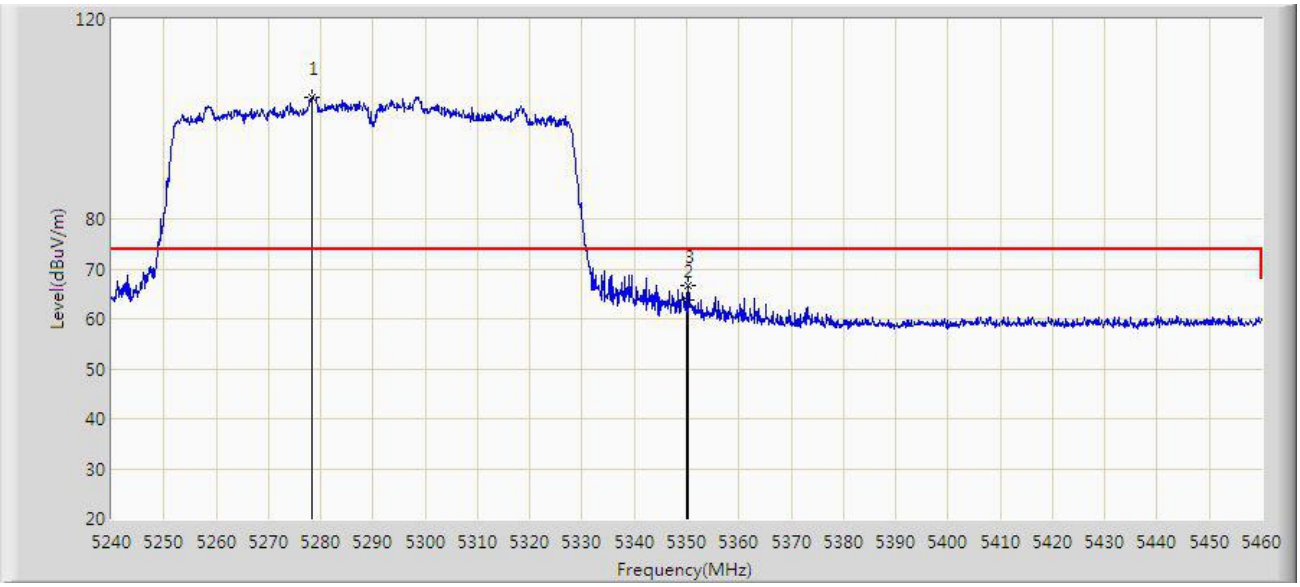


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1		*	5668.650	116.896	110.735	N/A	N/A	6.161	PK
2			5725.000	60.842	54.861	-7.358	68.200	5.981	PK
3			5734.100	62.416	56.245	-5.784	68.200	6.171	PK

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

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

Site: WZ-AC1	Time: 2021/02/02 - 21:21
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Dual Band WiFi Mesh	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5290Mhz	

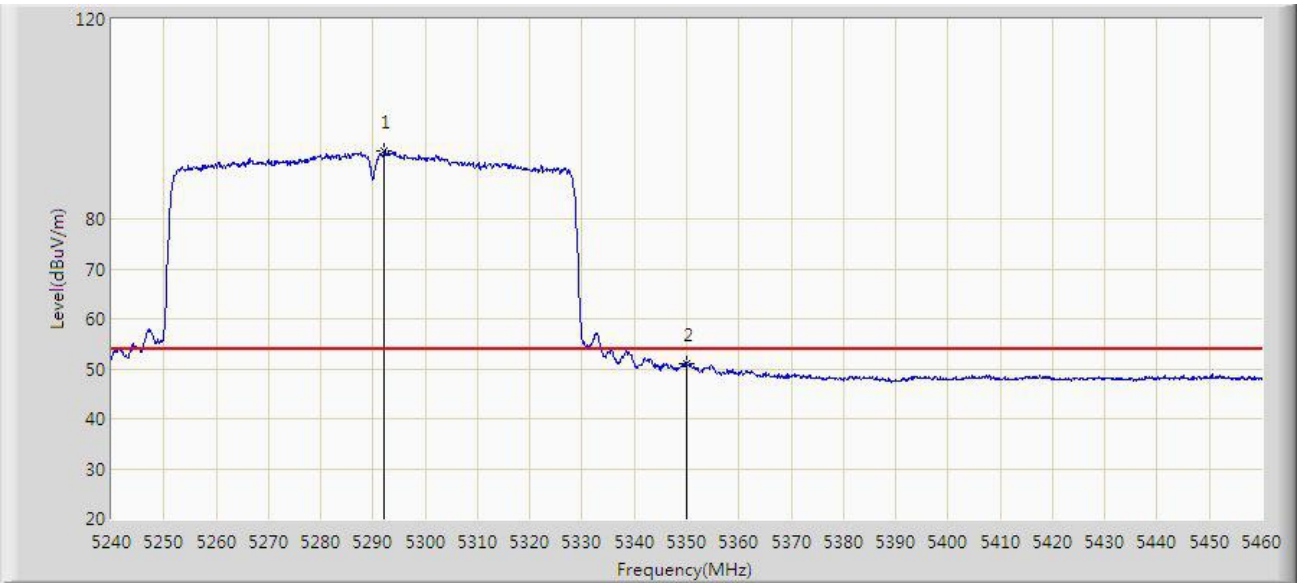


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1		*	5278.390	104.374	98.934	N/A	N/A	5.439	PK
2			5350.000	63.676	57.653	-10.324	74.000	6.023	PK
3			5350.330	66.678	60.665	-7.322	74.000	6.013	PK

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

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

Site: WZ-AC1	Time: 2021/02/02 - 21:25
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Dual Band WiFi Mesh	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5290Mhz	

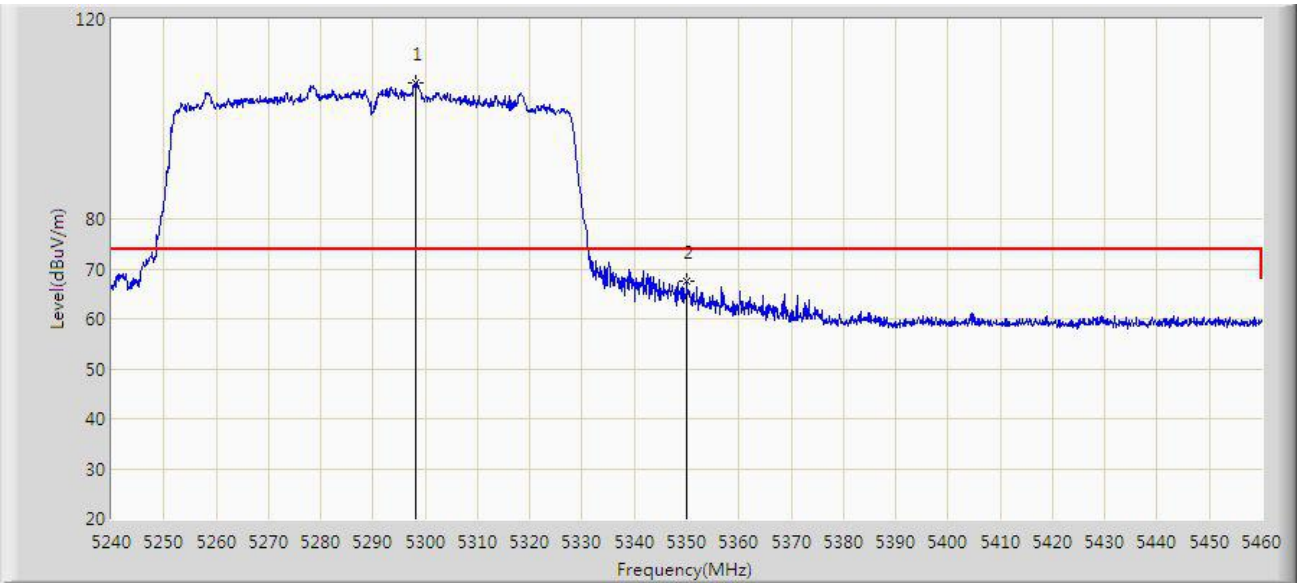


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1		*	5292.140	93.573	88.066	N/A	N/A	5.506	AV
2			5350.000	50.881	44.858	-3.119	54.000	6.023	AV

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

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

Site: WZ-AC1	Time: 2021/02/02 - 21:20
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Dual Band WiFi Mesh	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5290Mhz	

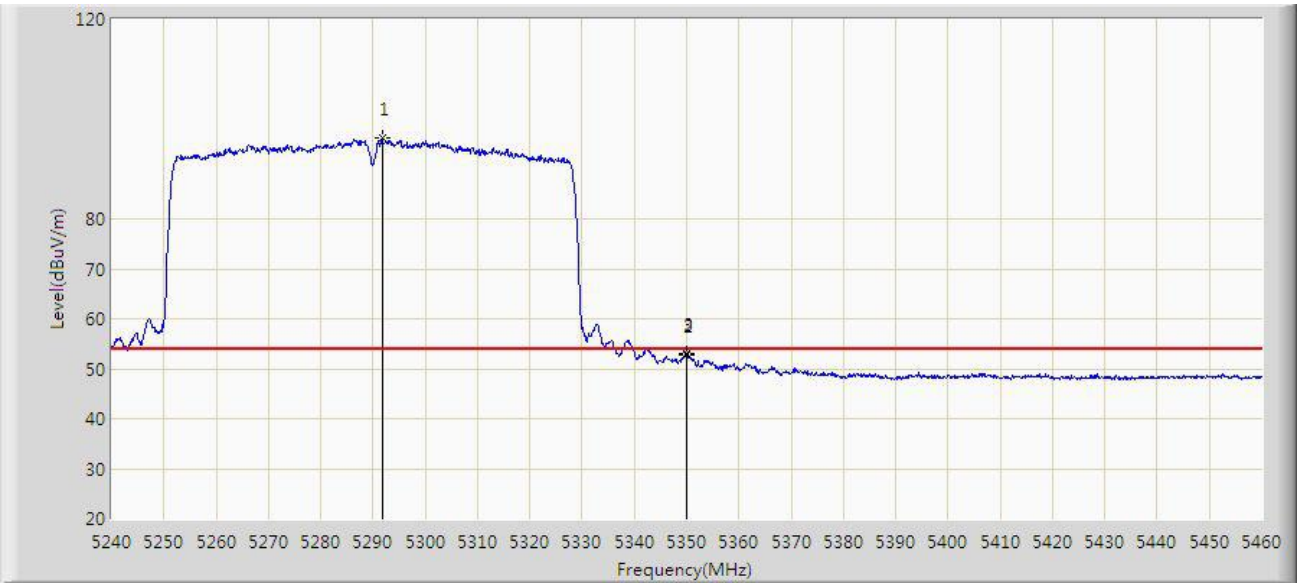


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1		*	5298.300	107.165	101.664	N/A	N/A	5.501	PK
2			5350.000	67.676	61.653	-6.324	74.000	6.023	PK

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

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

Site: WZ-AC1	Time: 2021/02/02 - 21:18
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Dual Band WiFi Mesh	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5290Mhz	

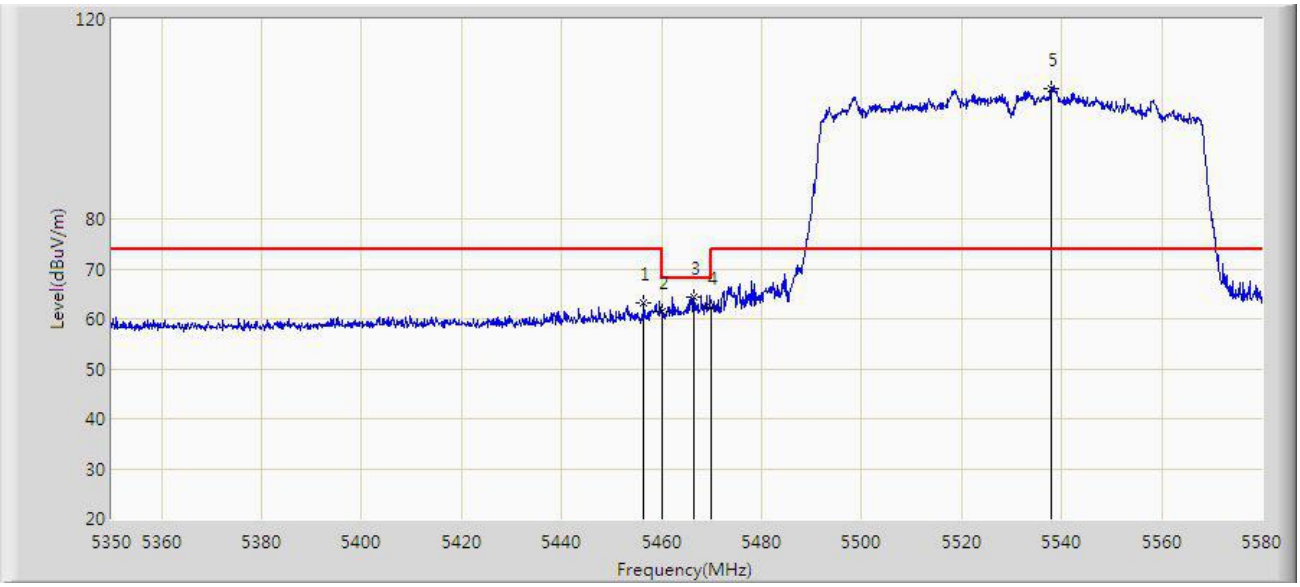


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1		*	5291.700	96.155	90.648	N/A	N/A	5.507	AV
2			5350.000	52.893	46.870	-1.107	54.000	6.023	AV
3			5350.110	53.022	47.002	-0.978	54.000	6.021	AV

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

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

Site: WZ-AC1	Time: 2021/02/02 - 20:45
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Dual Band WiFi Mesh	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5530Mhz	

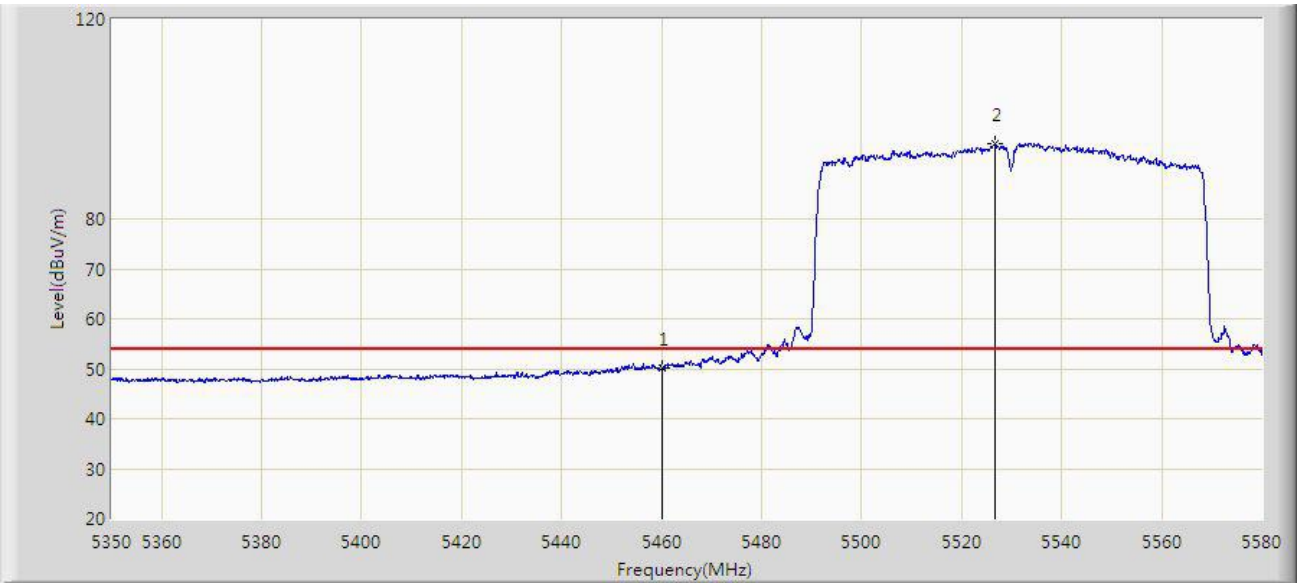


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1			5456.490	63.177	57.115	-10.823	74.000	6.061	PK
2			5460.000	61.428	55.345	-12.572	74.000	6.084	PK
3			5466.380	64.348	58.226	-3.852	68.200	6.122	PK
4			5470.000	62.235	56.091	-5.965	68.200	6.143	PK
5		*	5537.910	106.219	99.882	N/A	N/A	6.337	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: WZ-AC1	Time: 2021/02/02 - 20:47
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Dual Band WiFi Mesh	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5530Mhz	

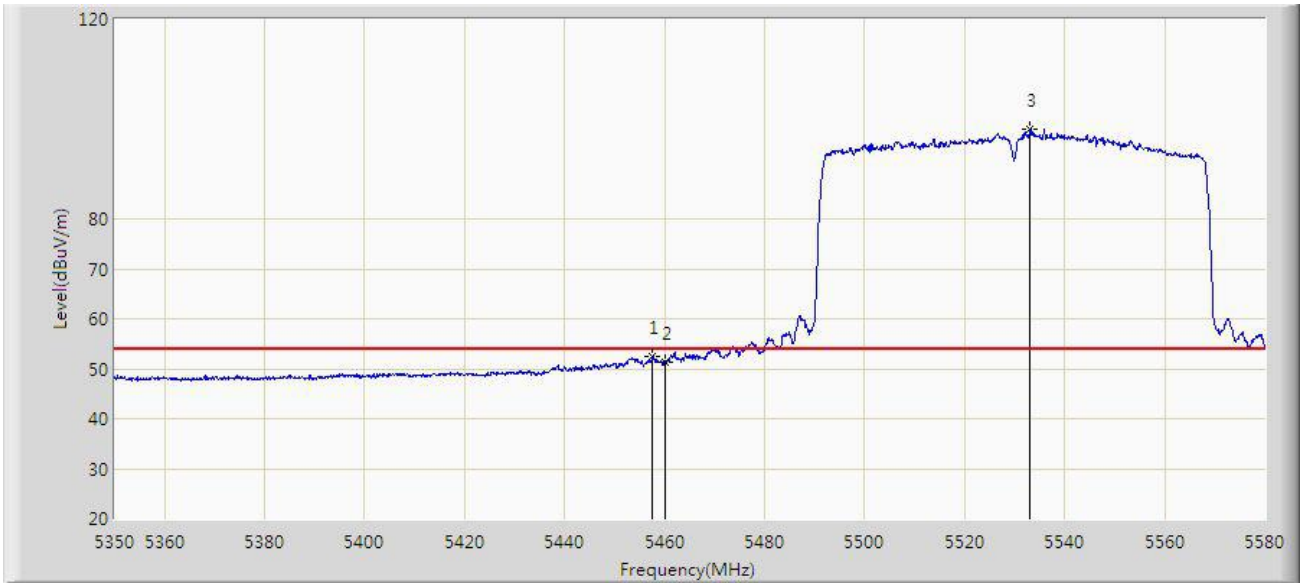


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1			5460.000	50.285	44.202	-3.715	54.000	6.084	AV
2		*	5526.640	95.096	89.020	N/A	N/A	6.077	AV

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

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

Site: WZ-AC1	Time: 2021/02/02 - 20:44
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Dual Band WiFi Mesh	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5530Mhz	

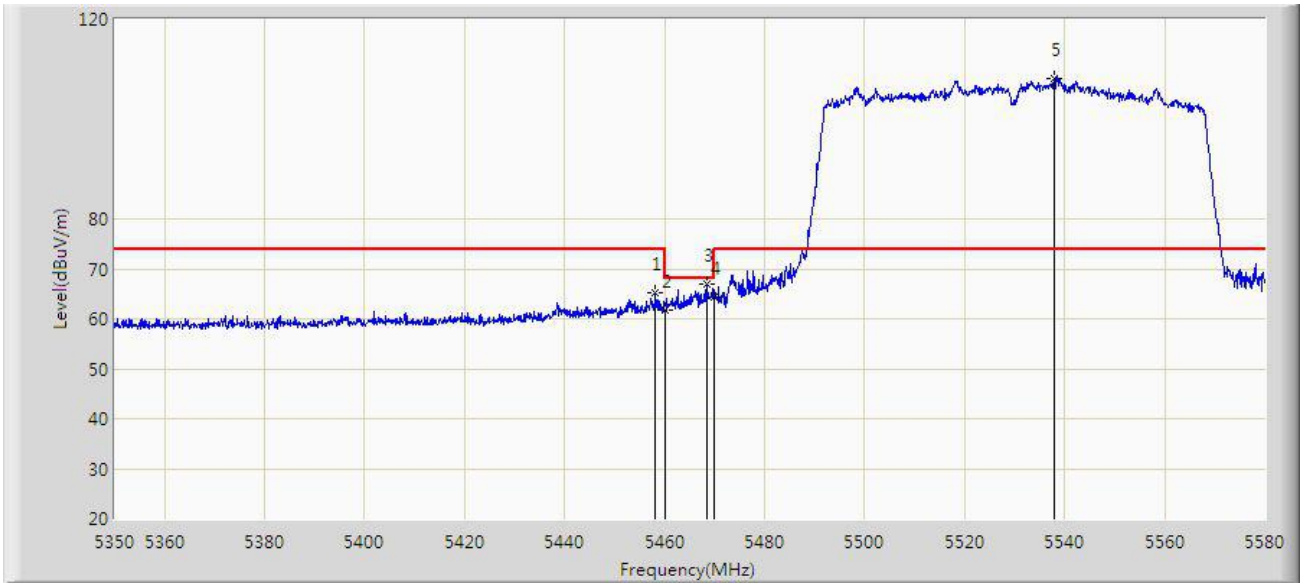


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1			5457.640	52.481	46.412	-1.519	54.000	6.069	AV
2			5460.000	51.319	45.236	-2.681	54.000	6.084	AV
3		*	5533.080	97.886	91.661	N/A	N/A	6.226	AV

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

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

Site: WZ-AC1	Time: 2021/02/02 - 20:43
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Dual Band WiFi Mesh	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5530Mhz	

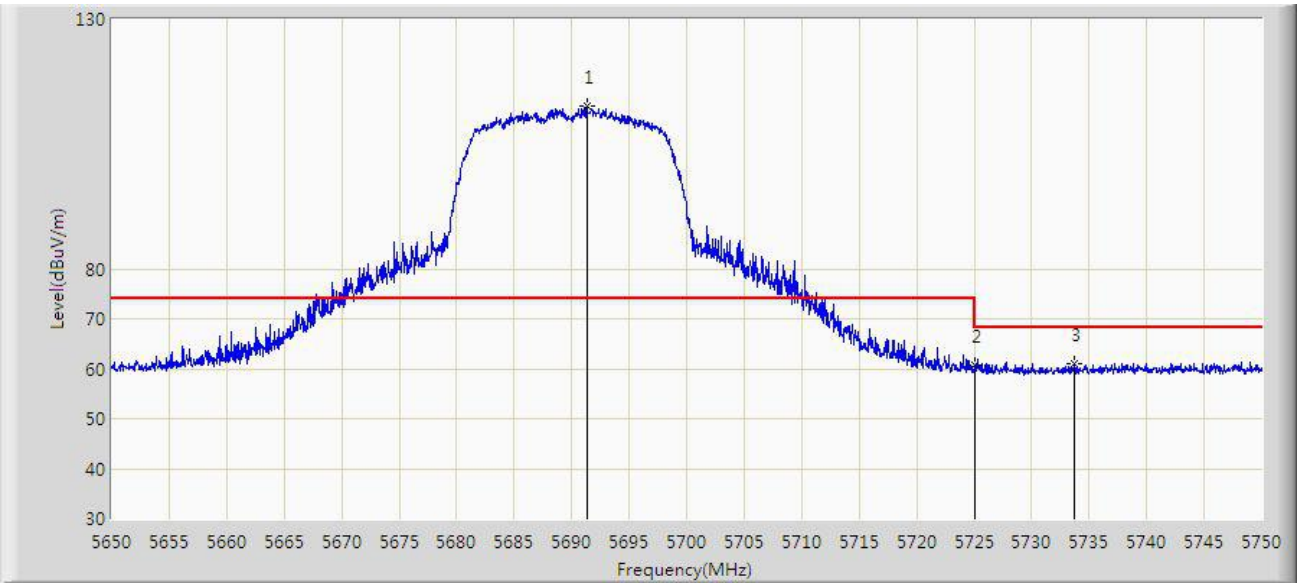


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1			5458.215	65.360	59.288	-8.640	74.000	6.072	PK
2			5460.000	61.784	55.701	-12.216	74.000	6.084	PK
3			5468.565	66.993	60.858	-1.207	68.200	6.135	PK
4			5470.000	64.336	58.192	-3.864	68.200	6.143	PK
5		*	5538.025	108.218	101.878	N/A	N/A	6.340	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: WZ-AC1	Time: 2021/02/04 - 23:09
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Dual Band WiFi Mesh	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5690Mhz	

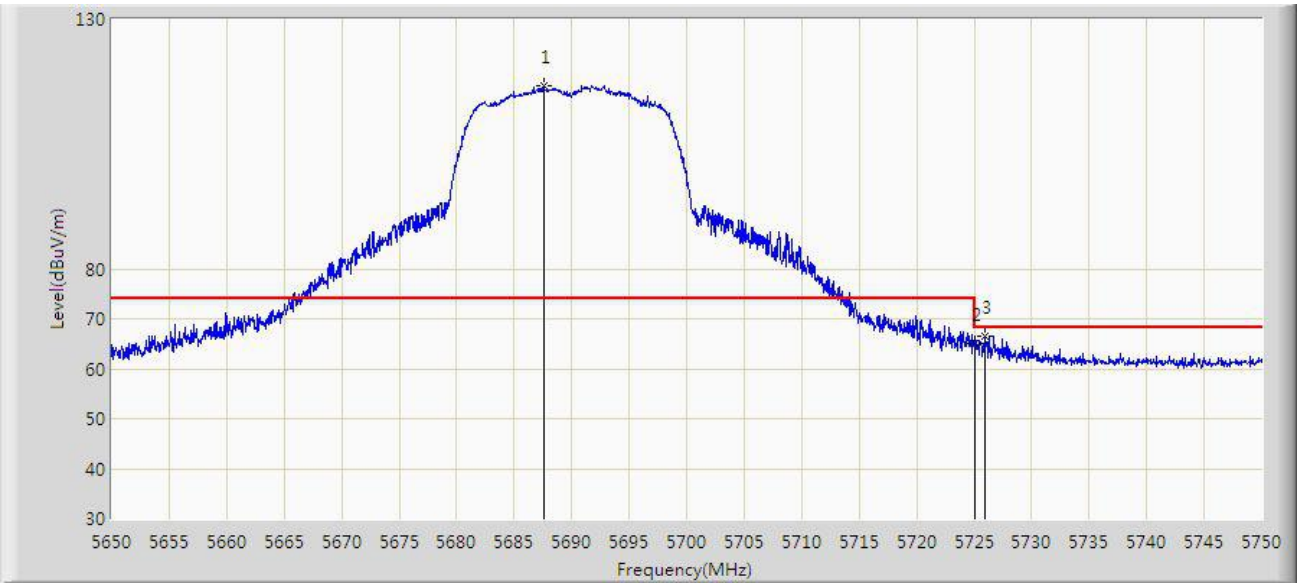


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1		*	5691.300	112.467	106.357	N/A	N/A	6.110	PK
2			5725.000	60.608	54.627	-7.592	68.200	5.981	PK
3			5733.700	61.110	54.948	-7.090	68.200	6.162	PK

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

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

Site: WZ-AC1	Time: 2021/02/04 - 23:13
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Dual Band WiFi Mesh	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5690Mhz	



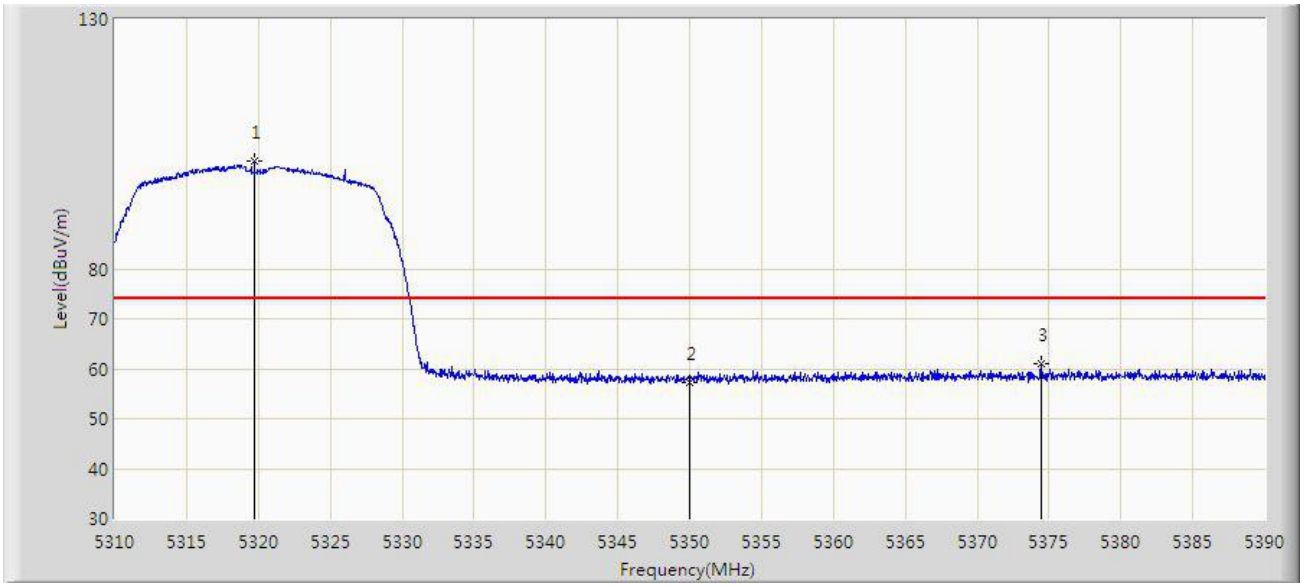
No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1		*	5687.550	116.655	110.584	N/A	N/A	6.071	PK
2			5725.000	64.941	58.960	-3.259	68.200	5.981	PK
3			5726.000	66.617	60.624	-1.583	68.200	5.993	PK

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

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

Beam-forming Mode:

Site: SIP-AC3	Time: 2021/03/19 - 17:20
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Stephen Dong
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual Band WiFi Mesh	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5320MHz	

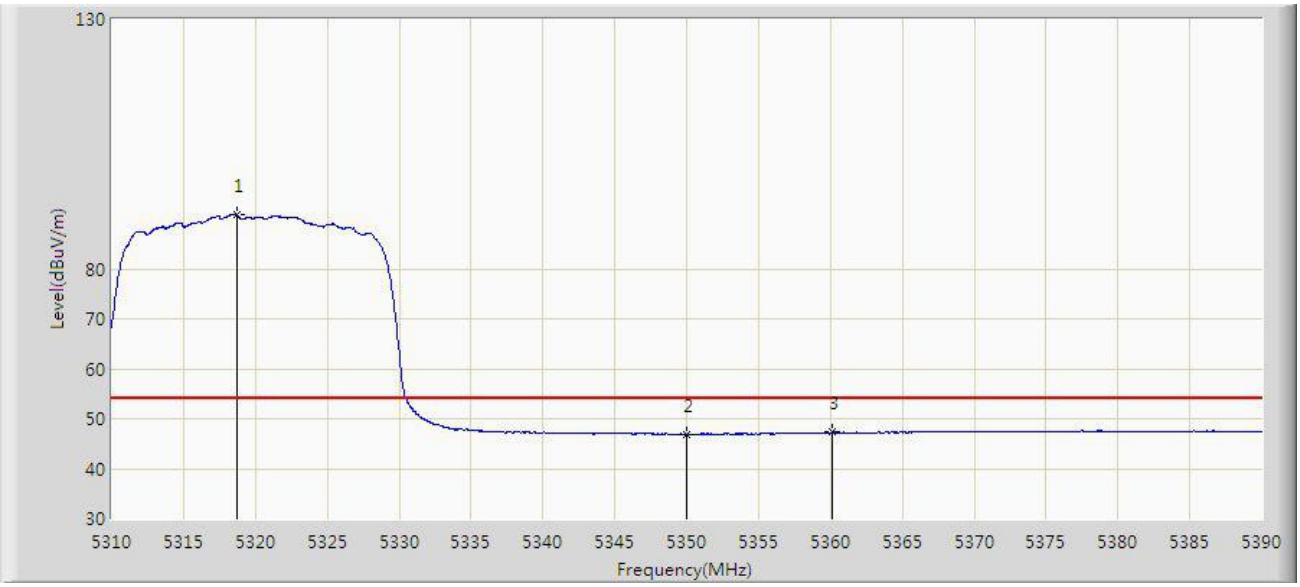


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1		*	5319.720	101.695	110.259	N/A	N/A	-8.564	PK
2			5350.000	57.123	66.181	-16.877	74.000	-9.057	PK
3			5374.440	61.156	69.631	-12.844	74.000	-8.475	PK

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

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

Site: SIP-AC3	Time: 2021/03/19 - 17:24
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Stephen Dong
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual Band WiFi Mesh	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5320MHz	

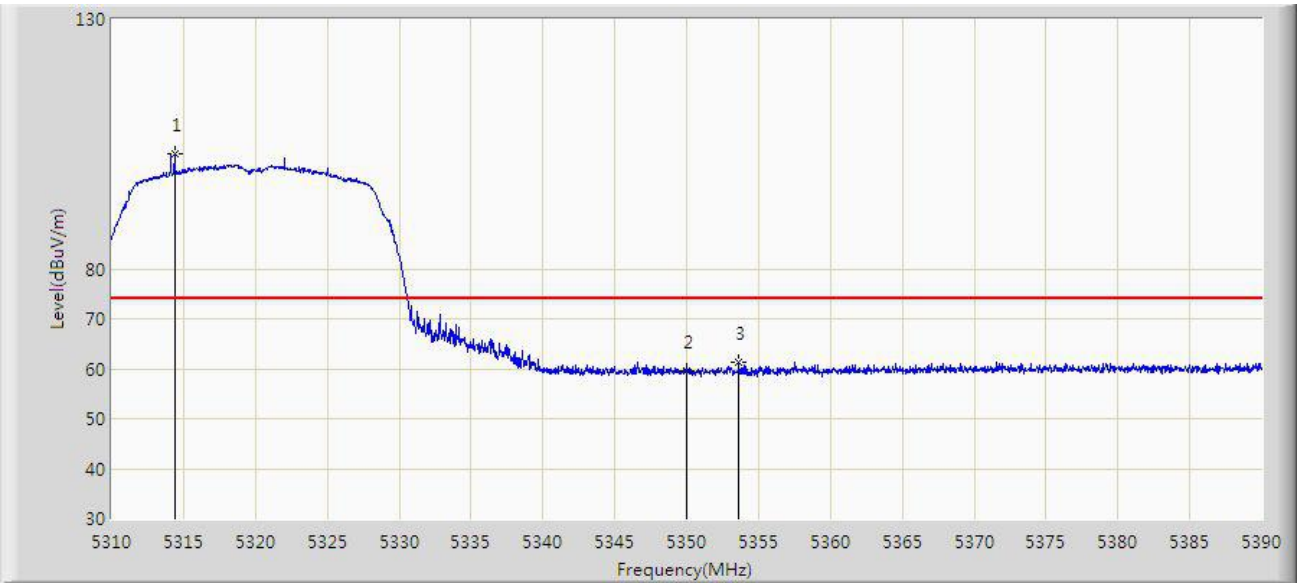


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1		*	5318.680	90.733	99.264	N/A	N/A	-8.531	AV
2			5350.000	46.840	55.898	-7.160	54.000	-9.057	AV
3			5360.160	47.280	56.074	-6.720	54.000	-8.793	AV

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

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

Site: SIP-AC3	Time: 2021/03/19 - 17:27
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Stephen Dong
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual Band WiFi Mesh	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5320MHz	

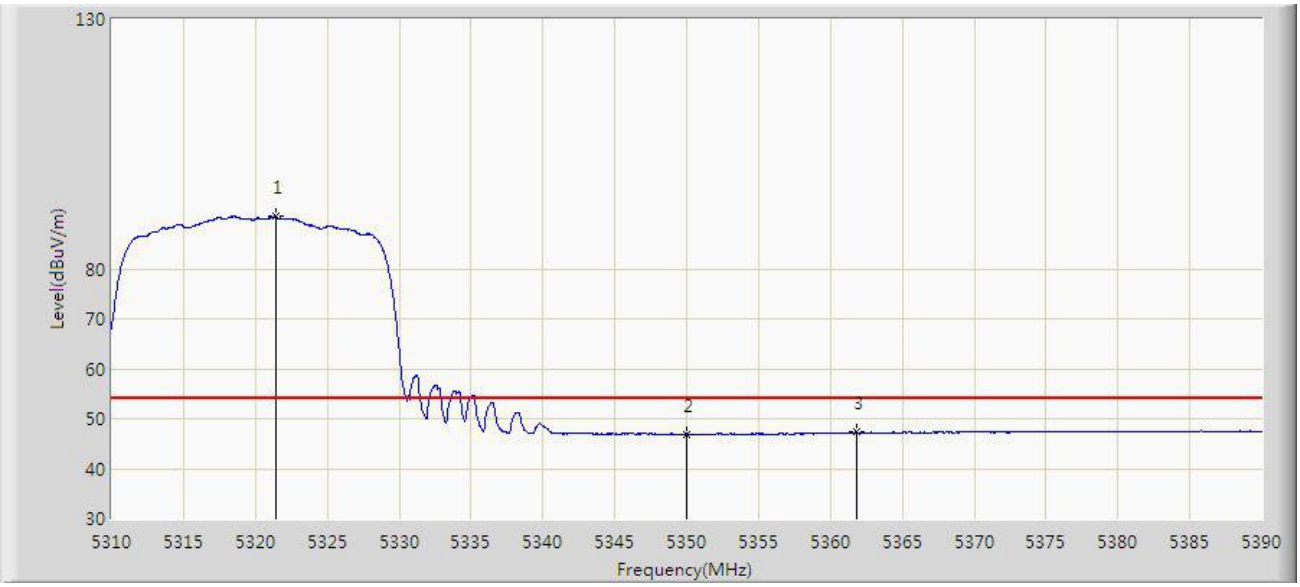


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1		*	5314.400	103.096	111.661	N/A	N/A	-8.566	PK
2			5350.000	59.588	68.646	-14.412	74.000	-9.057	PK
3			5353.640	61.284	70.290	-12.716	74.000	-9.007	PK

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

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

Site: SIP-AC3	Time: 2021/03/19 - 17:31
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Stephen Dong
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual Band WiFi Mesh	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5320MHz	

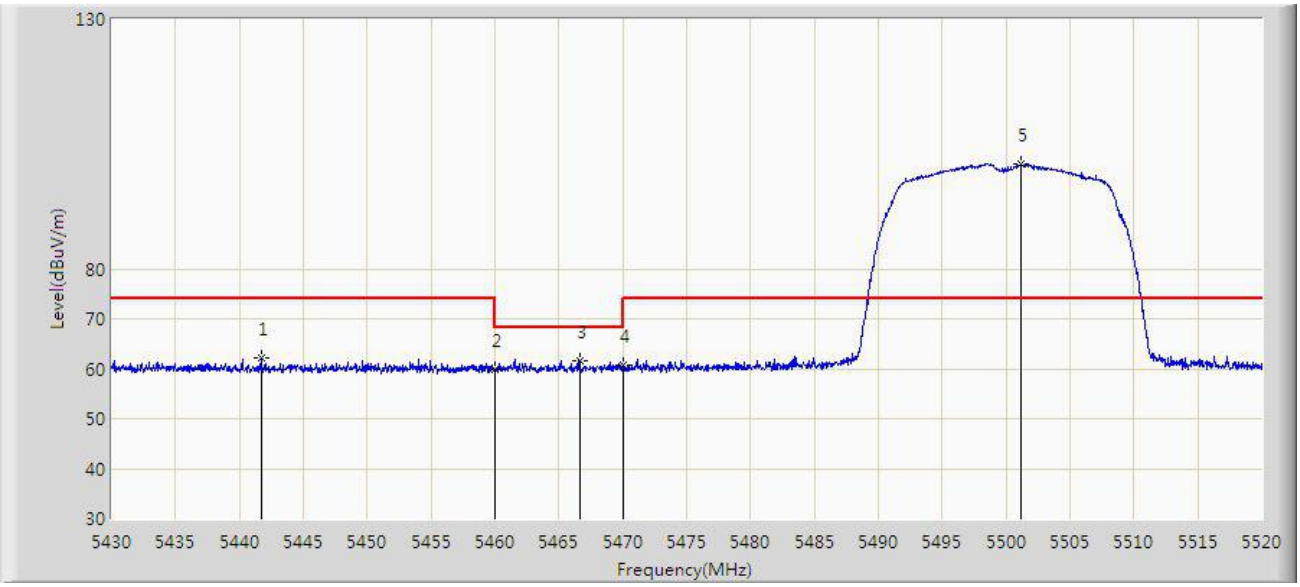


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1		*	5321.400	90.469	99.085	N/A	N/A	-8.616	AV
2			5350.000	46.932	55.990	-7.068	54.000	-9.057	AV
3			5361.800	47.310	56.050	-6.690	54.000	-8.740	AV

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

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

Site: SIP-AC3	Time: 2021/03/19 - 17:33
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Stephen Dong
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual Band WiFi Mesh	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5500MHz	

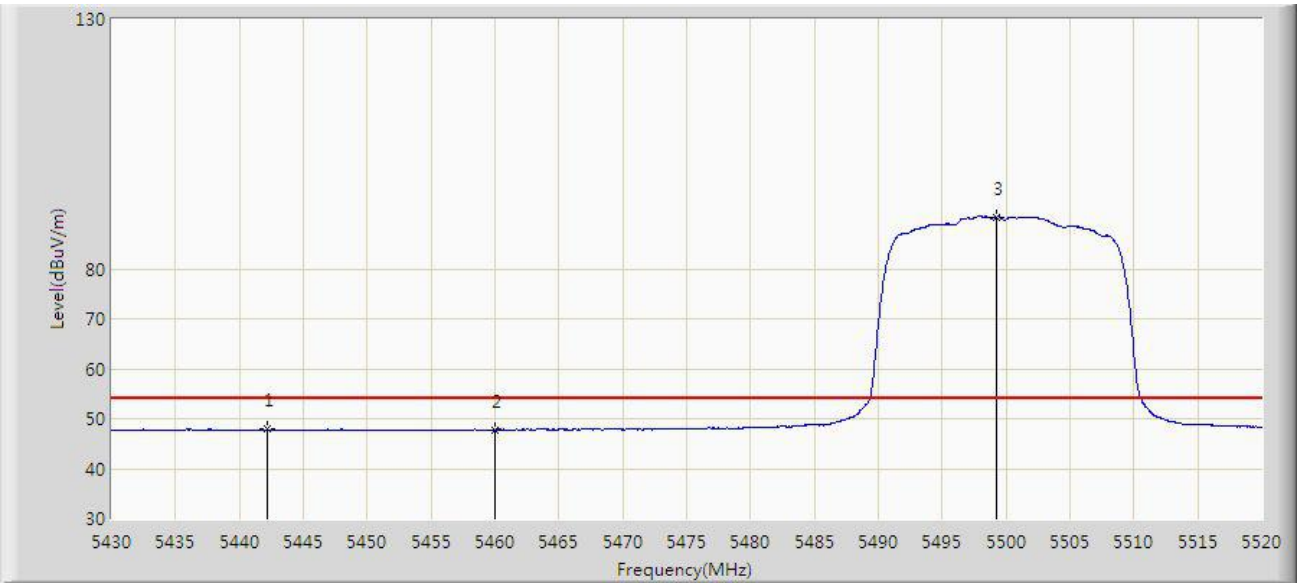


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1			5441.700	62.310	70.553	-11.690	74.000	-8.243	PK
2			5460.000	59.824	68.168	-14.176	74.000	-8.345	PK
3			5466.630	61.542	69.855	-6.658	68.200	-8.313	PK
4			5470.000	60.662	68.960	-7.538	68.200	-8.297	PK
5		*	5501.190	100.918	109.088	N/A	N/A	-8.170	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: SIP-AC3	Time: 2021/03/19 - 17:42
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Stephen Dong
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual Band WiFi Mesh	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5500MHz	

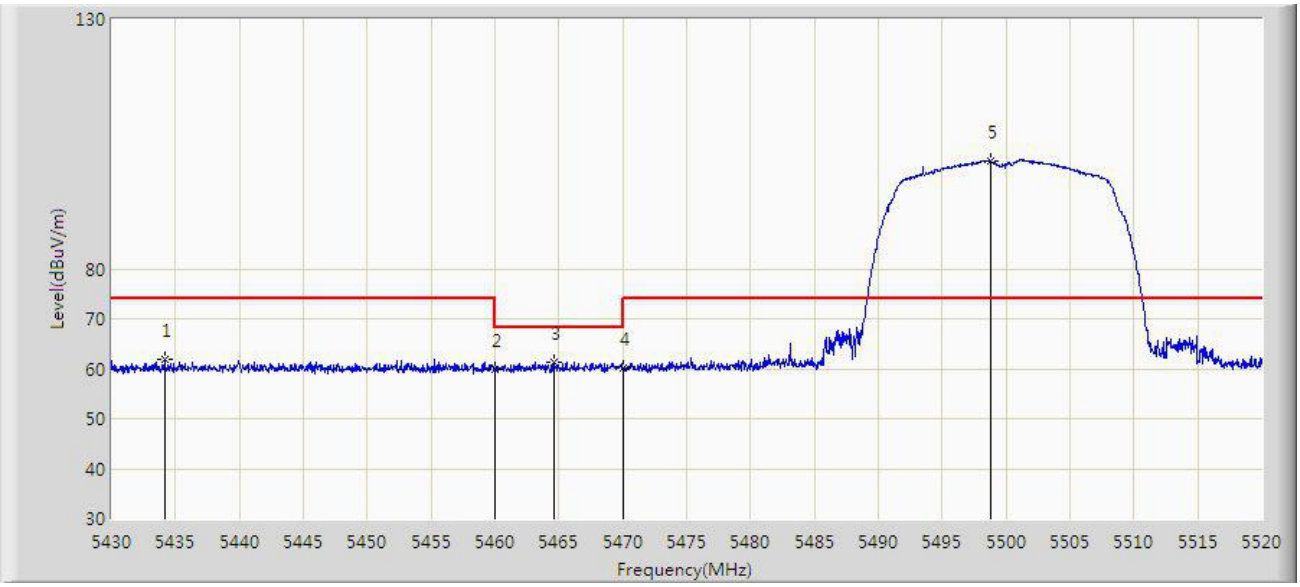


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1			5442.195	47.887	56.135	-6.113	54.000	-8.248	AV
2			5460.000	47.756	56.100	-6.244	54.000	-8.345	AV
3		*	5499.255	90.415	98.591	N/A	N/A	-8.176	AV

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

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

Site: SIP-AC3	Time: 2021/03/19 - 17:45
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Stephen Dong
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual Band WiFi Mesh	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5500MHz	

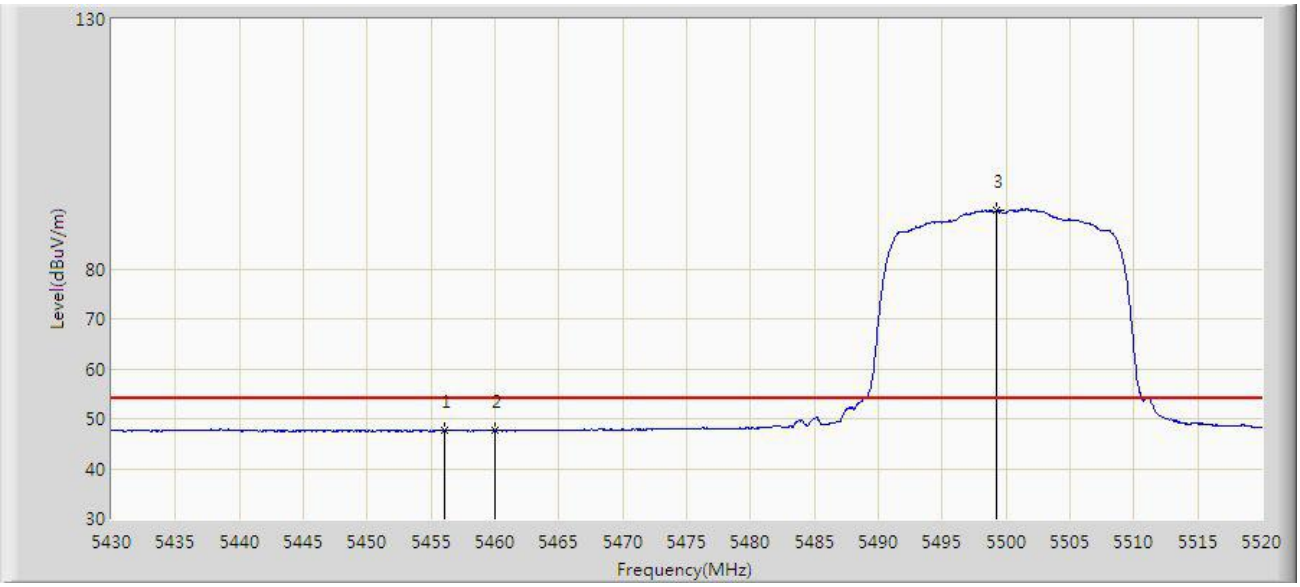


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1			5434.140	61.948	70.157	-12.052	74.000	-8.210	PK
2			5460.000	59.919	68.263	-14.081	74.000	-8.345	PK
3			5464.605	61.418	69.741	-6.782	68.200	-8.323	PK
4			5470.000	60.087	68.385	-8.113	68.200	-8.297	PK
5		*	5498.760	101.681	109.858	N/A	N/A	-8.178	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: SIP-AC3	Time: 2021/03/19 - 17:51
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Stephen Dong
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual Band WiFi Mesh	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5500MHz	

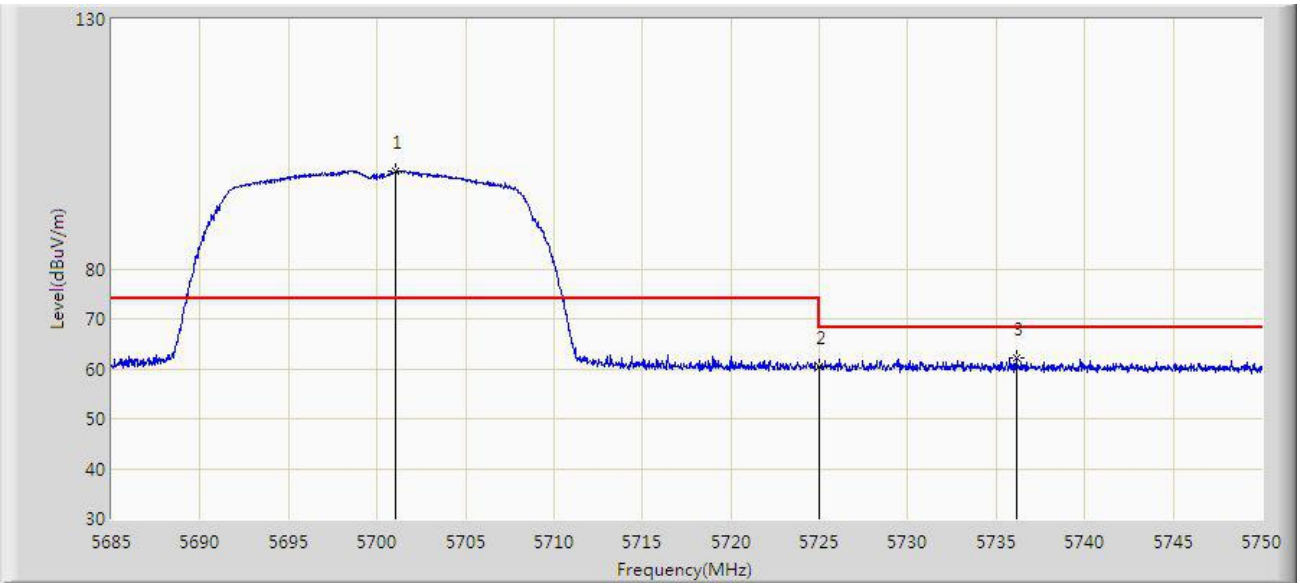


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1			5456.010	47.707	56.070	-6.293	54.000	-8.363	AV
2			5460.000	47.583	55.927	-6.417	54.000	-8.345	AV
3		*	5499.300	91.664	99.839	N/A	N/A	-8.175	AV

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

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

Site: SIP-AC3	Time: 2021/03/19 - 17:54
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Stephen Dong
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual Band WiFi Mesh	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5700MHz	

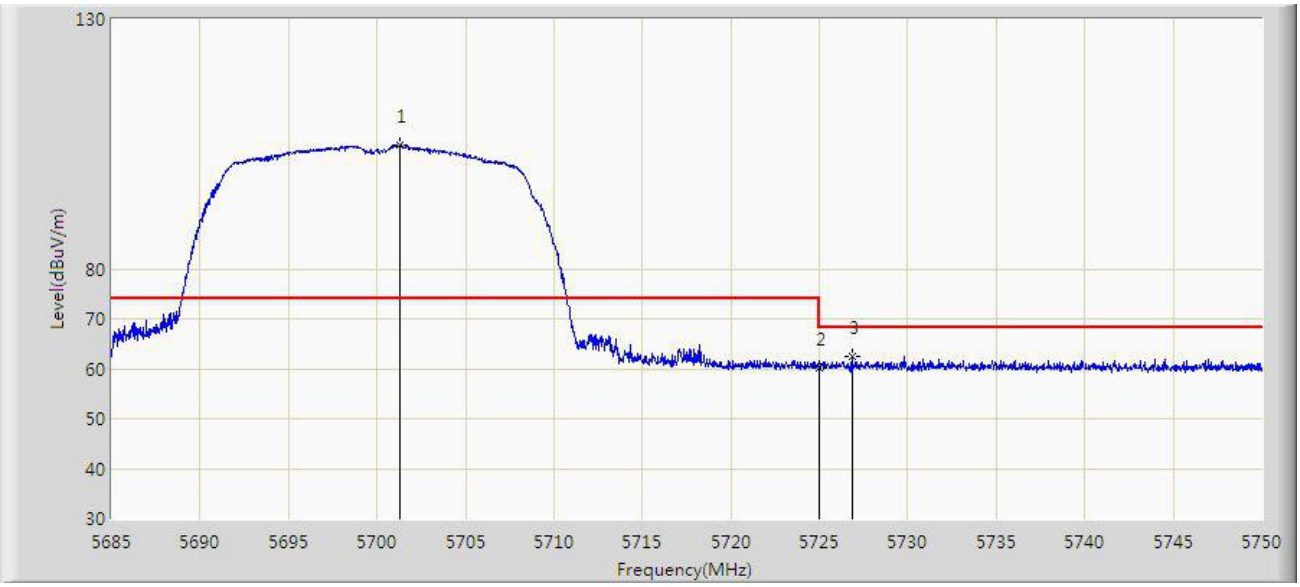


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1		*	5701.055	99.628	108.039	N/A	N/A	-8.410	PK
2			5725.000	60.495	68.807	-7.705	68.200	-8.312	PK
3			5736.123	62.285	70.671	-5.915	68.200	-8.387	PK

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

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

Site: SIP-AC3	Time: 2021/03/19 - 18:03
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Stephen Dong
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual Band WiFi Mesh	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5700MHz	

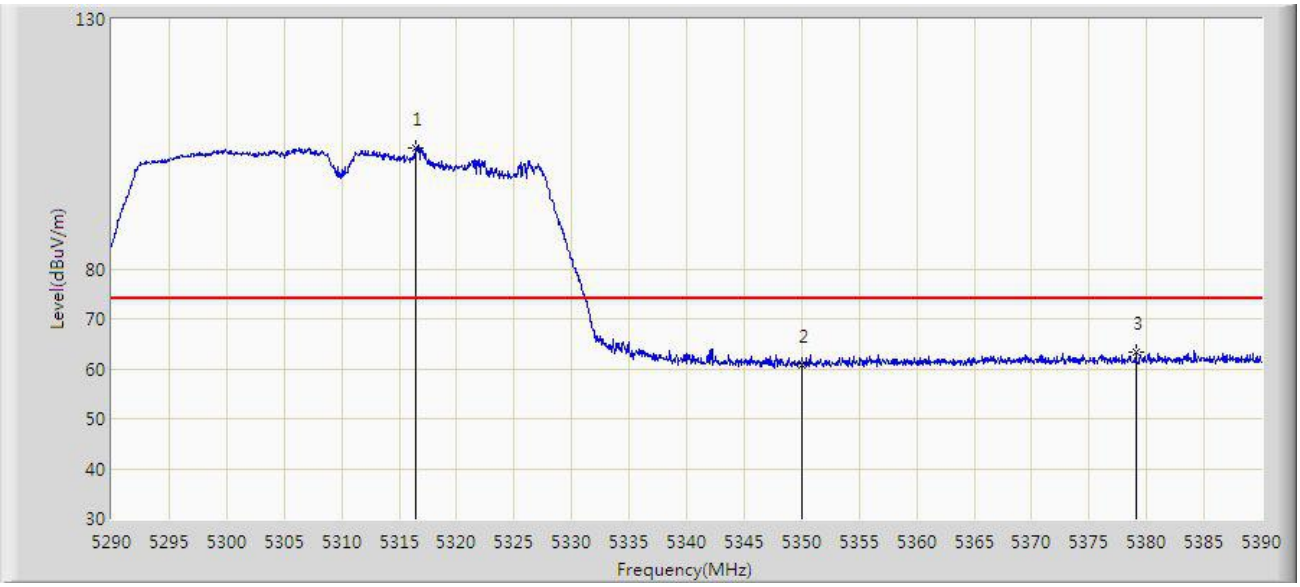


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1		*	5701.315	104.713	113.123	N/A	N/A	-8.409	PK
2			5725.000	60.075	68.387	-8.125	68.200	-8.312	PK
3			5726.828	62.384	70.697	-5.816	68.200	-8.314	PK

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

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

Site: SIP-AC3	Time: 2021/03/06 - 15:29
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Stephen Dong
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual Band WiFi Mesh	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5310MHz	

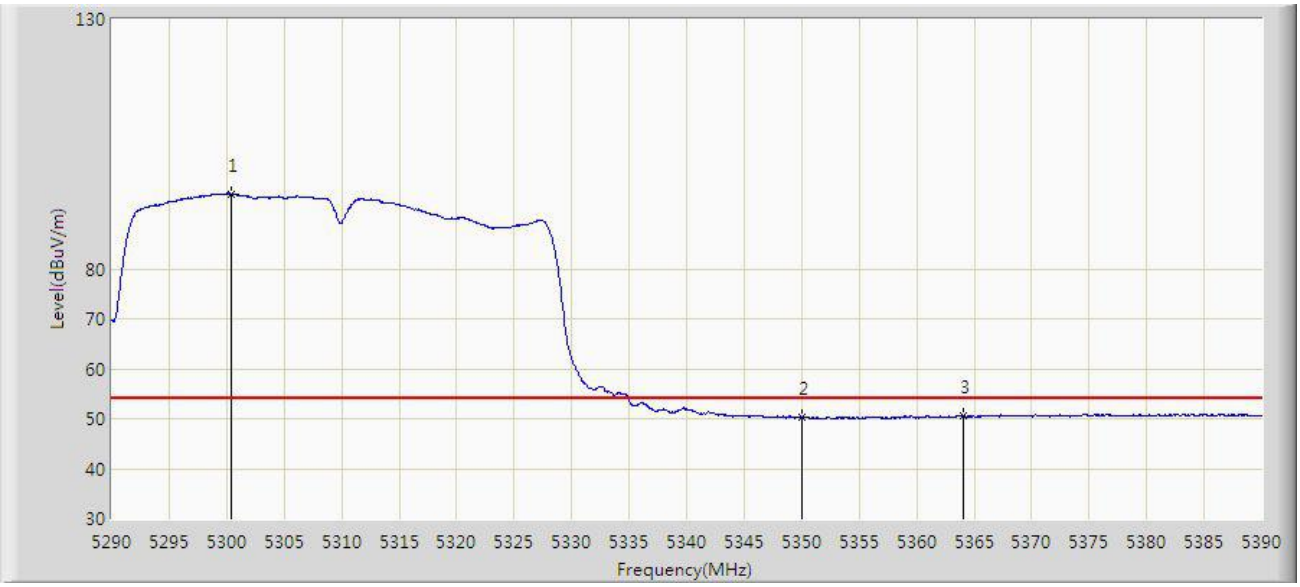


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1		*	5316.450	104.191	112.725	N/A	N/A	-8.534	PK
2			5350.000	60.855	69.913	-13.145	74.000	-9.057	PK
3			5379.050	63.365	71.815	-10.635	74.000	-8.450	PK

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

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

Site: SIP-AC3	Time: 2021/03/06 - 15:32
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Stephen Dong
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual Band WiFi Mesh	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5310MHz	

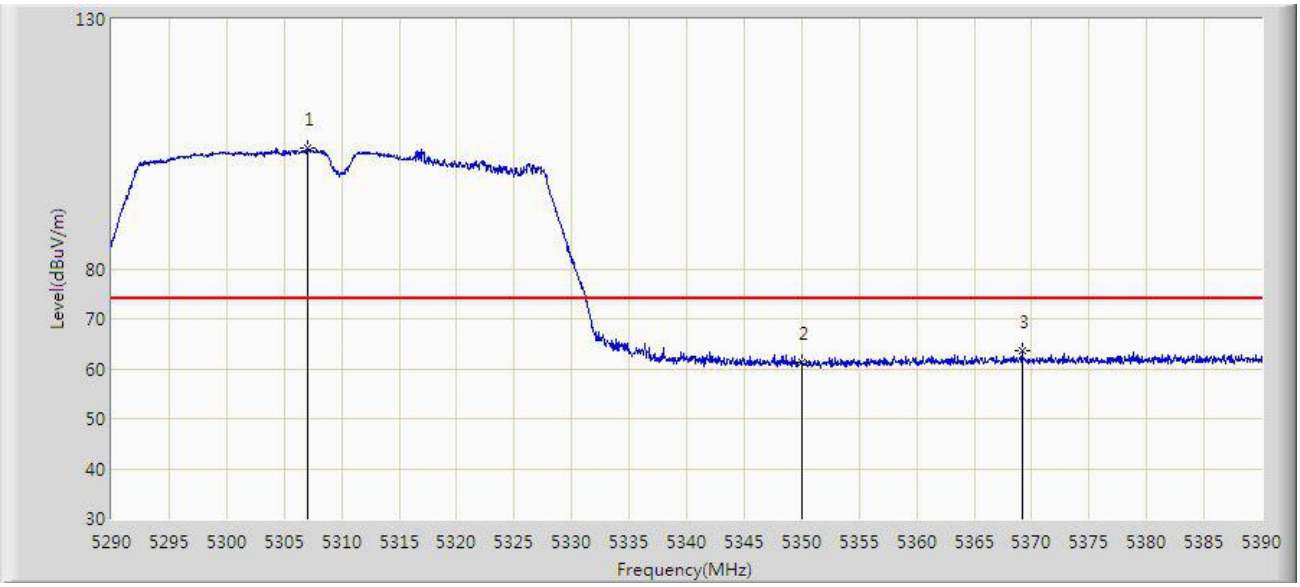


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1		*	5300.400	95.064	103.832	N/A	N/A	-8.769	AV
2			5350.000	50.216	59.274	-3.784	54.000	-9.057	AV
3			5364.100	50.666	59.331	-3.334	54.000	-8.666	AV

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

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

Site: SIP-AC3	Time: 2021/03/06 - 15:33
Limit: FCC_Part15_15.209 RE(3m)	Engineer: Stephen Dong
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual Band WiFi Mesh	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5310MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1		*	5307.050	104.182	112.861	N/A	N/A	-8.679	PK
2			5350.000	61.363	70.421	-12.637	74.000	-9.057	PK
3			5369.150	63.669	72.173	-10.331	74.000	-8.504	PK

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

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