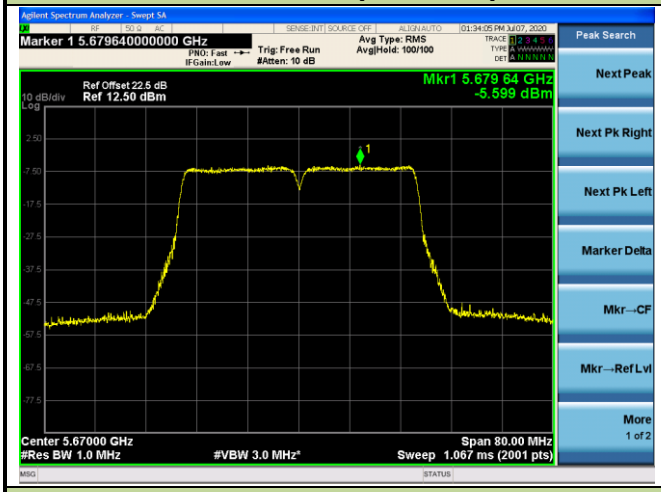
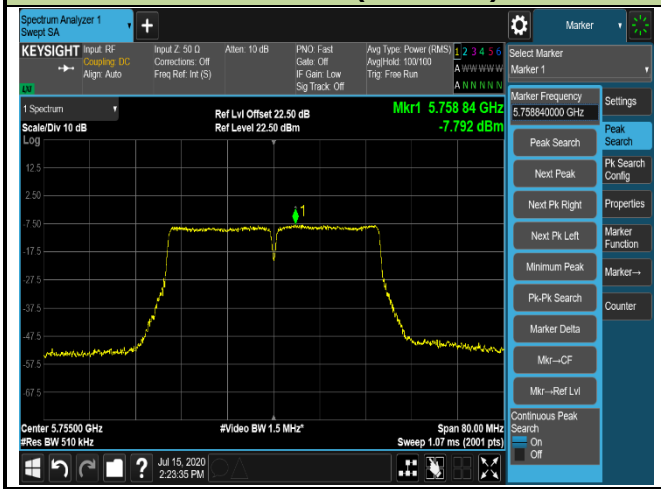
MIMO Mode Ant 0 -802.11ac-VHT40 Power Spectral Density

Channel 134 (5670MHz)

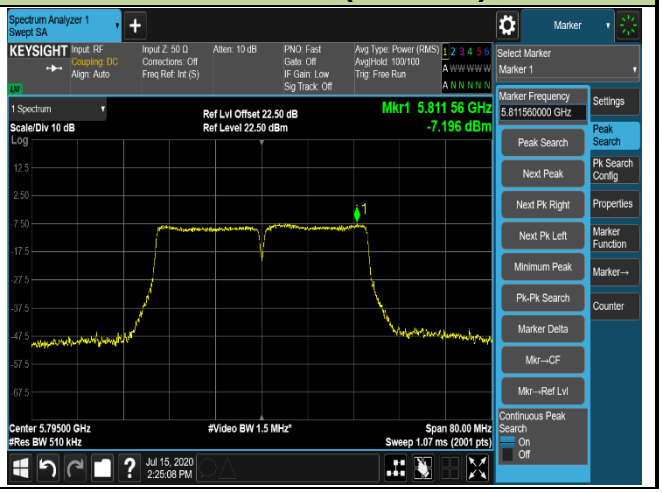


Channel 142 (5710MHz)

Channel 151 (5755MHz)

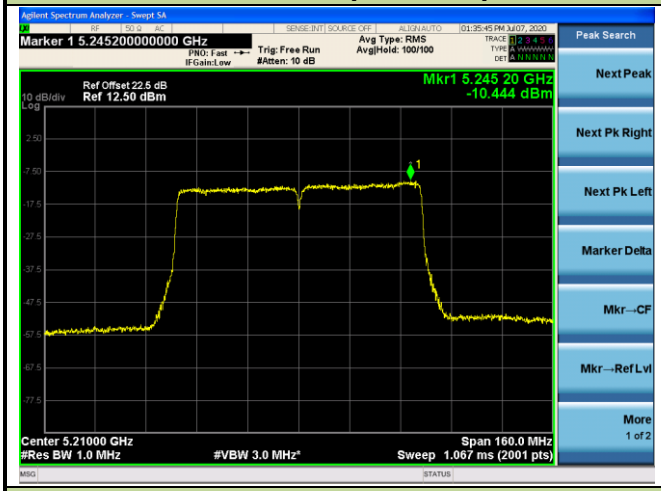


Channel 159 (5795MHz)



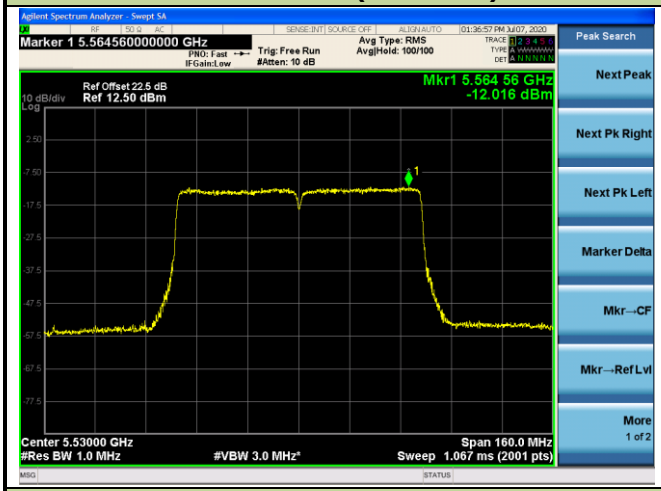
MIMO Mode Ant 0 -802.11ac-VHT80 Power Spectral Density

Channel 42 (5210MHz)



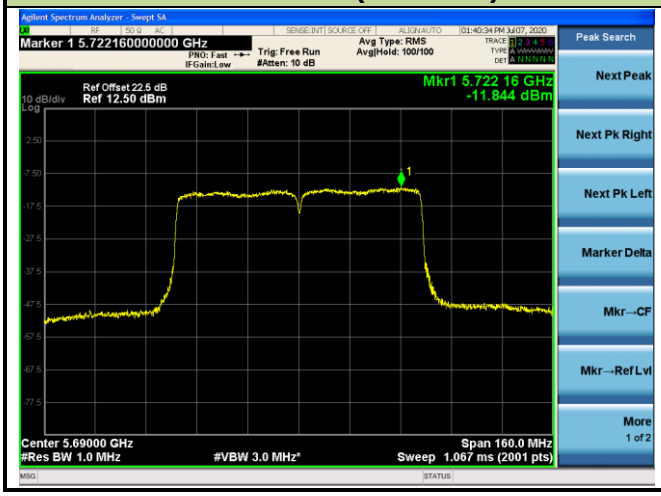
Channel 58 (5290MHz)

Channel 106 (5530MHz)

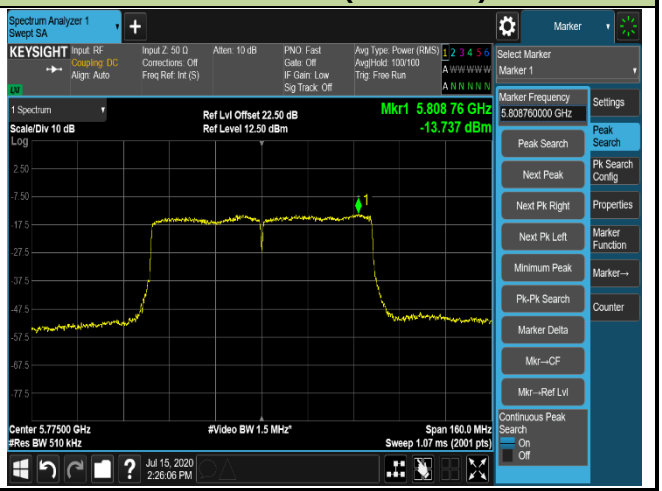


Channel 122 (5610MHz)

Channel 138 (5690MHz)

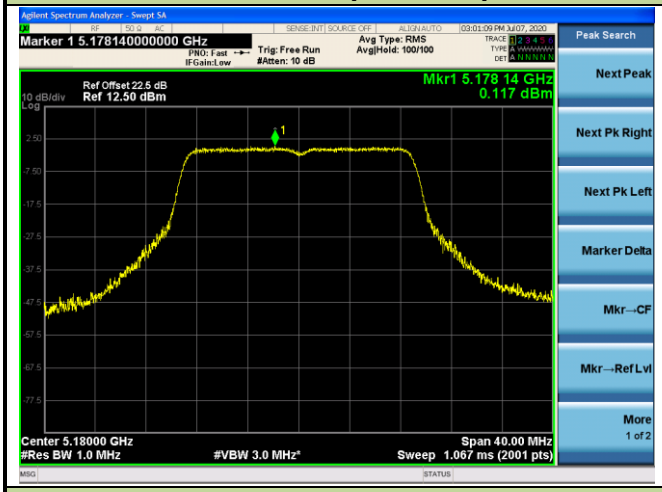


Channel 155 (5775MHz)



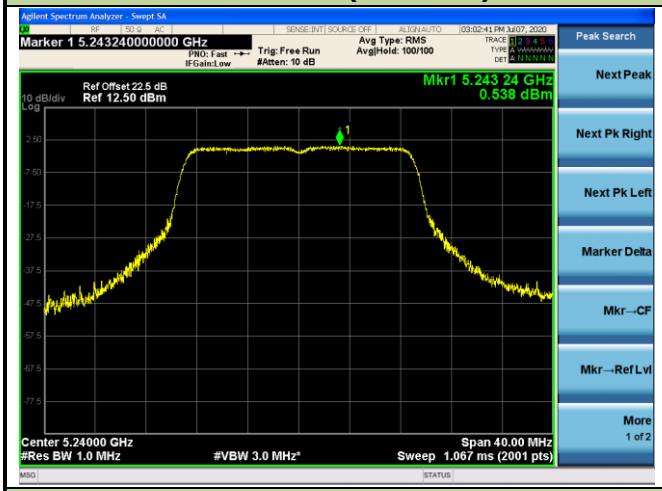
MIMO Mode Ant 1 - 802.11ac-VHT20 Power Spectral Density

Channel 36 (5180MHz)

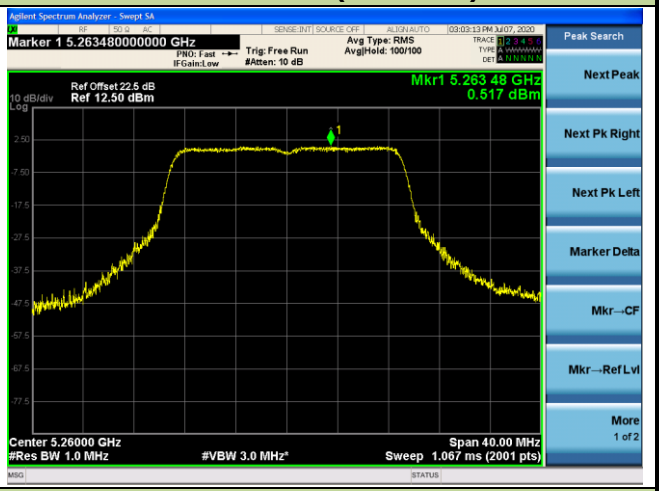


Channel 44 (5220MHz)

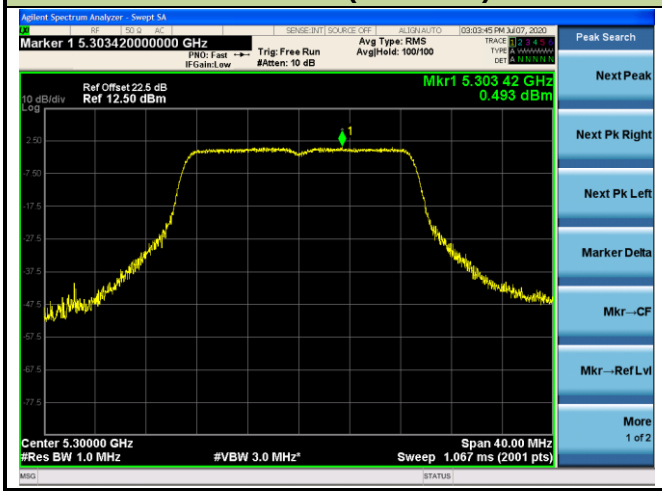
Channel 48 (5240MHz)



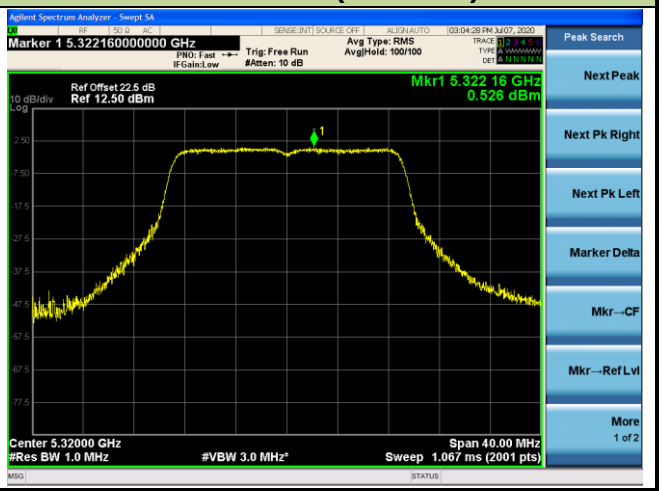
Channel 52 (5260MHz)



Channel 60 (5300MHz)

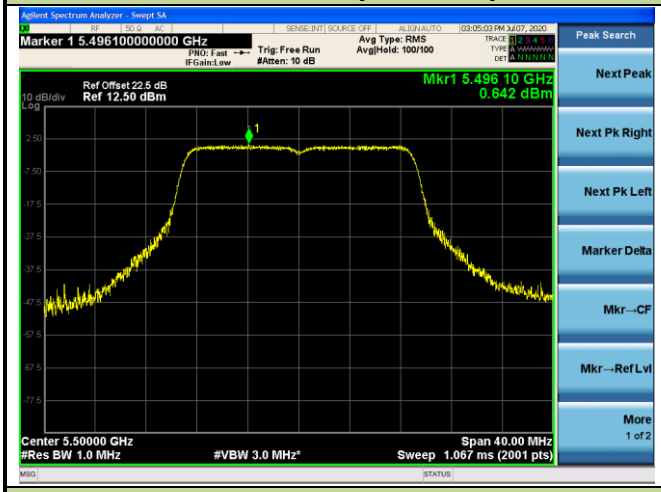


Channel 64 (5320MHz)

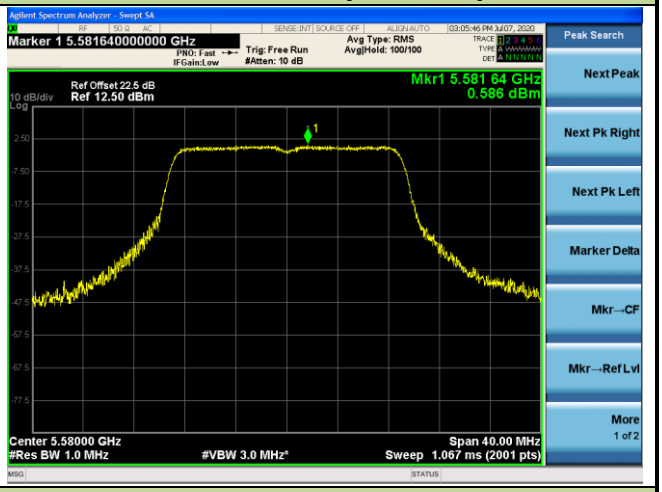


MIMO Mode Ant 1 -802.11ac-VHT20 Power Spectral Density

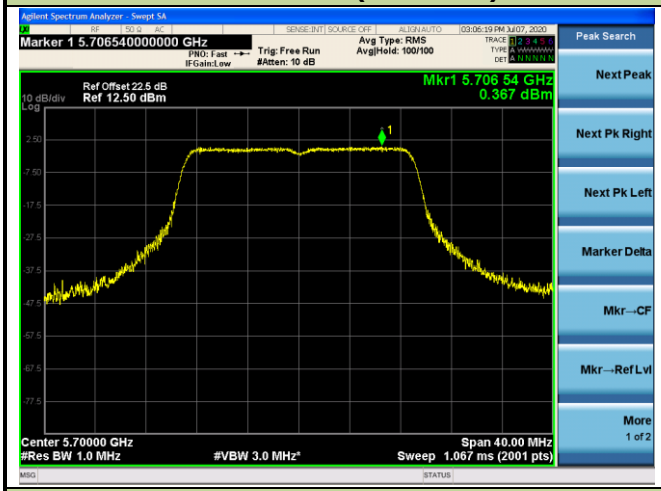
Channel 100 (5500MHz)



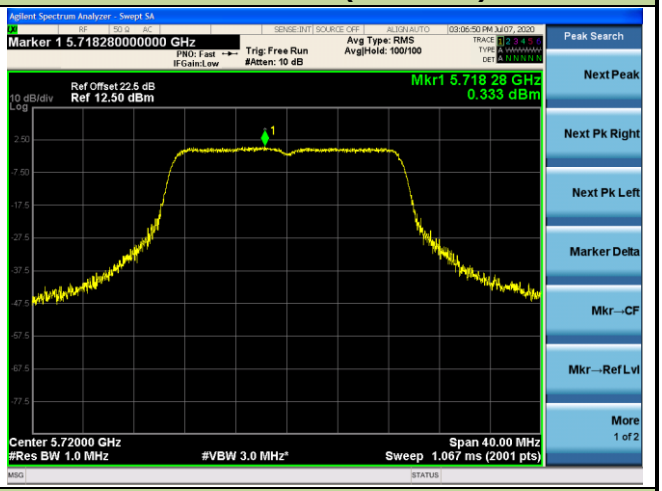
Channel 116 (5580MHz)



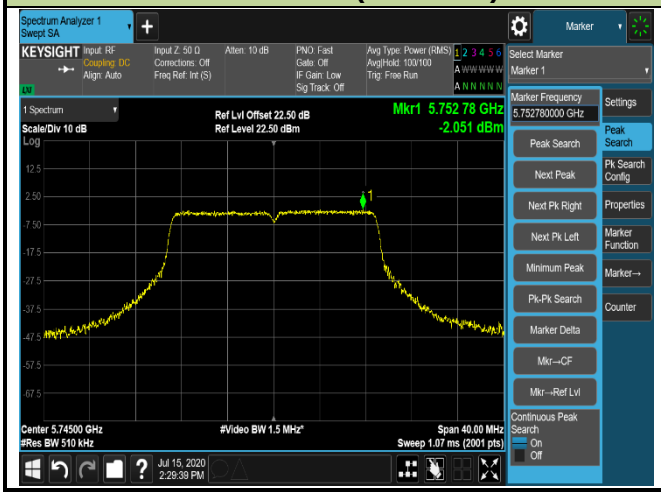
Channel 140 (5700MHz)



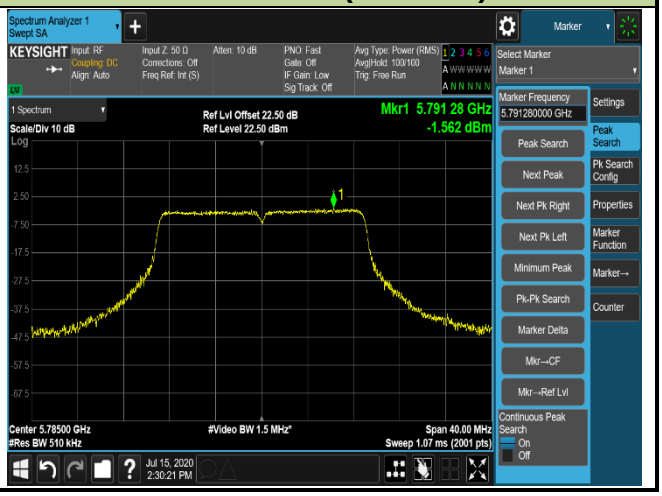
Channel 144 (5720MHz)

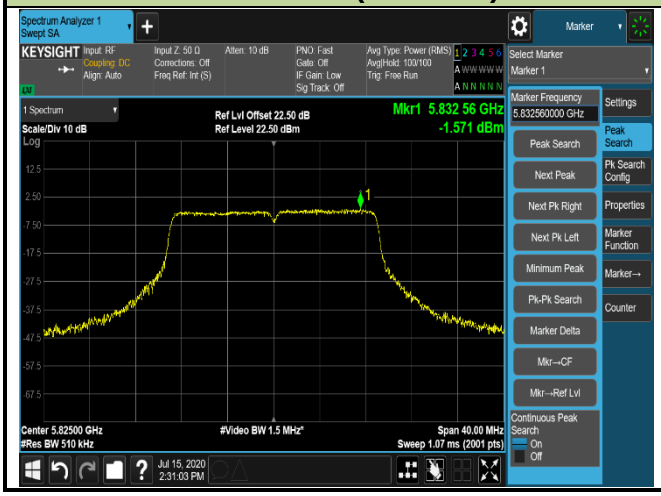


Channel 149 (5745MHz)



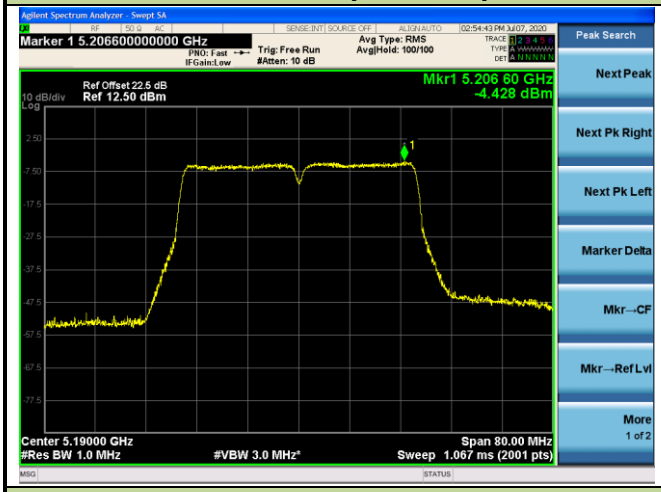
Channel 157 (5785MHz)



MIMO Mode Ant 1 -802.11ac-VHT20 Power Spectral Density	
Channel 165 (5825MHz)	
	

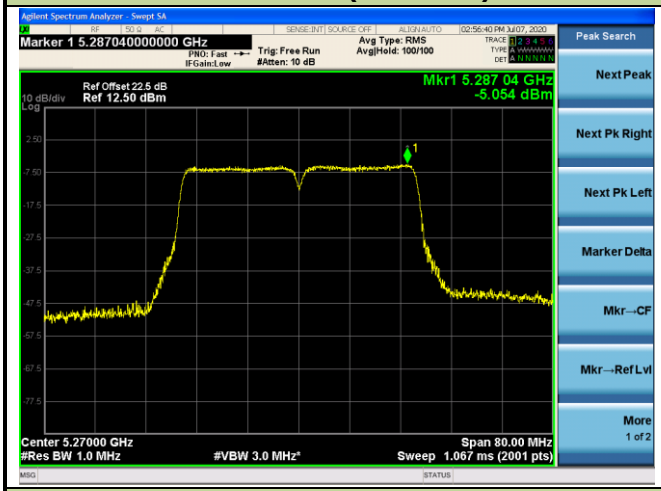
MIMO Mode Ant 1 -802.11ac-VHT40 Power Spectral Density

Channel 38 (5190MHz)



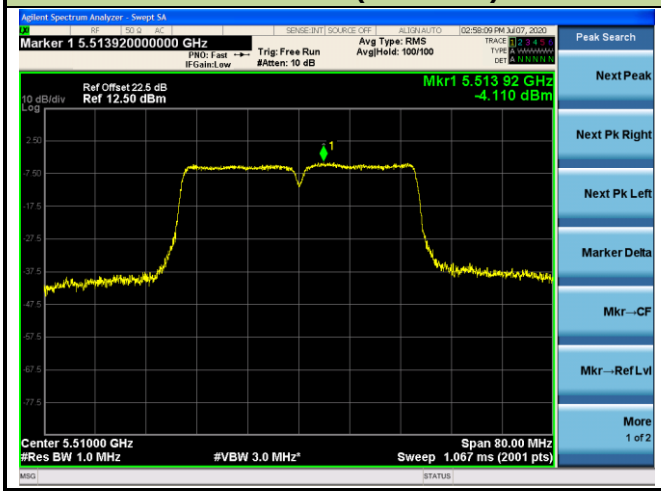
Channel 46 (5230MHz)

Channel 54 (5270MHz)



Channel 62 (5310MHz)

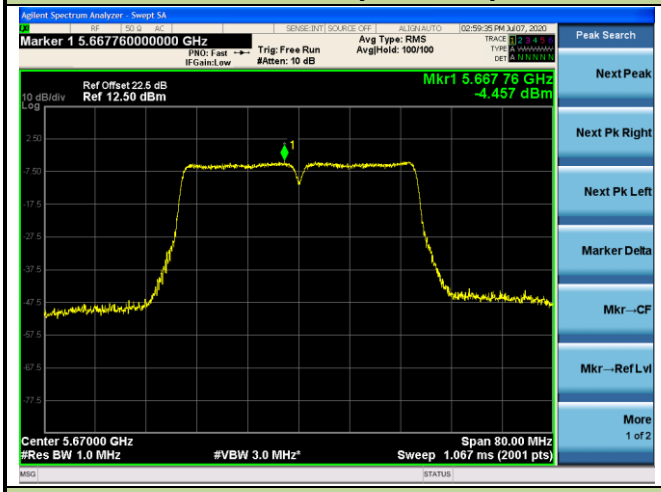
Channel 102 (5510MHz)



Channel 110 (5550MHz)

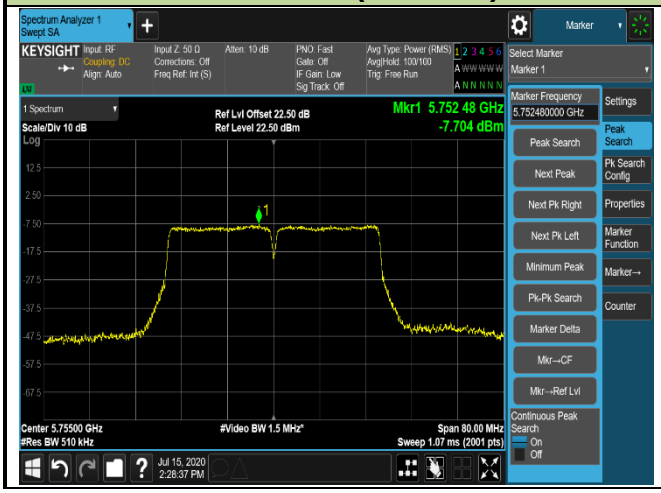
MIMO Mode Ant 1 -802.11ac-VHT40 Power Spectral Density

Channel 134 (5670MHz)

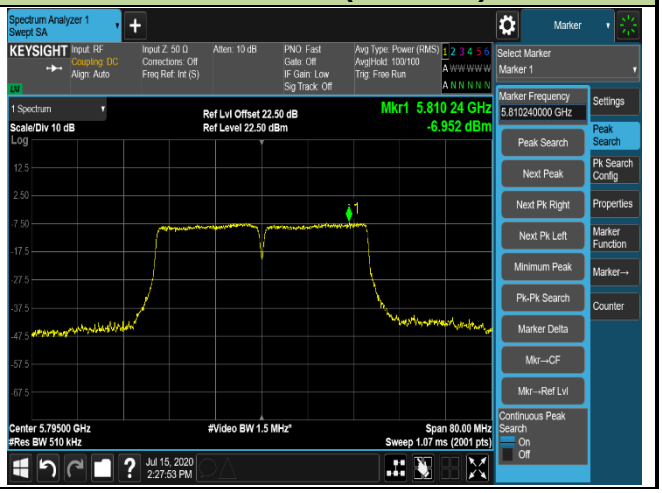


Channel 142 (5710MHz)

Channel 151 (5755MHz)

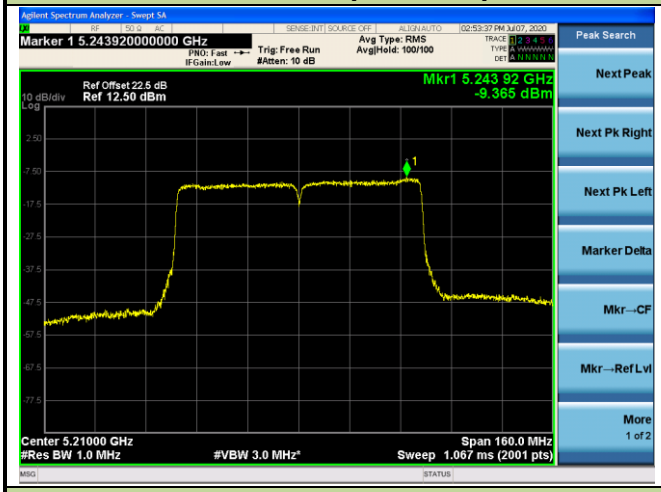


Channel 159 (5795MHz)



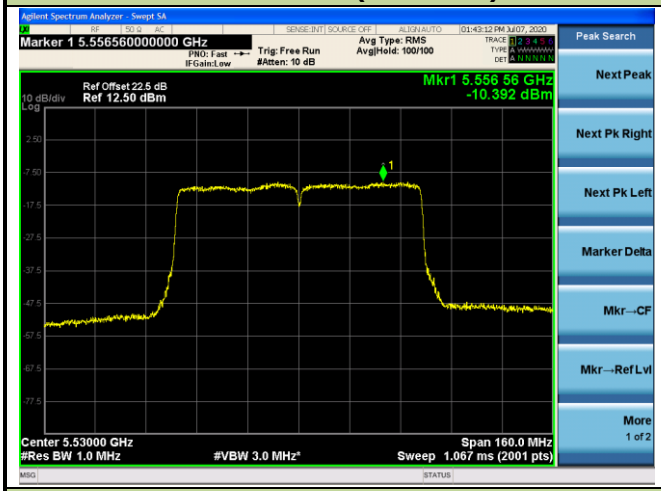
MIMO Mode Ant 1 -802.11ac-VHT80 Power Spectral Density

Channel 42 (5210MHz)



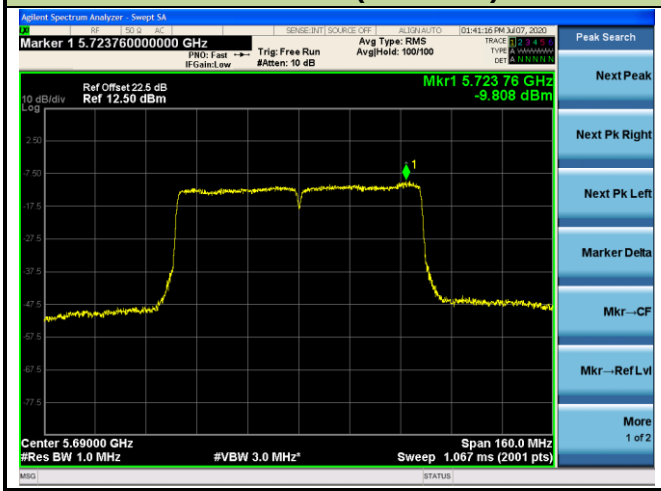
Channel 58 (5290MHz)

Channel 106 (5530MHz)

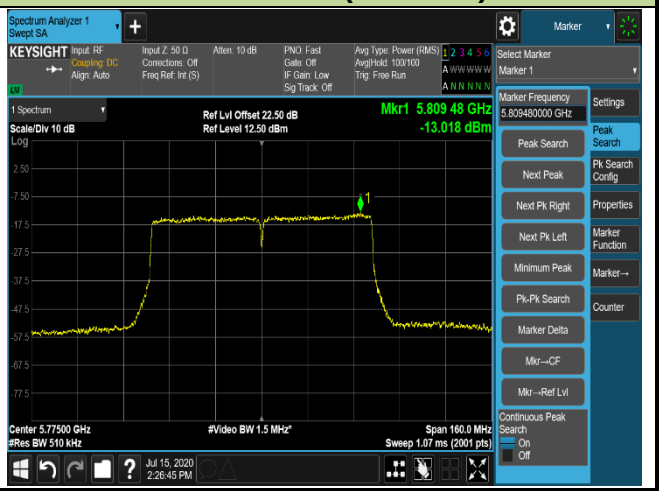


Channel 122 (5610MHz)

Channel 138 (5690MHz)



Channel 155 (5775MHz)



7.7. Frequency Stability Measurement

7.7.1.TestLimit

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

7.7.2.Test Procedure Used

Frequency Stability Under Temperature Variations:

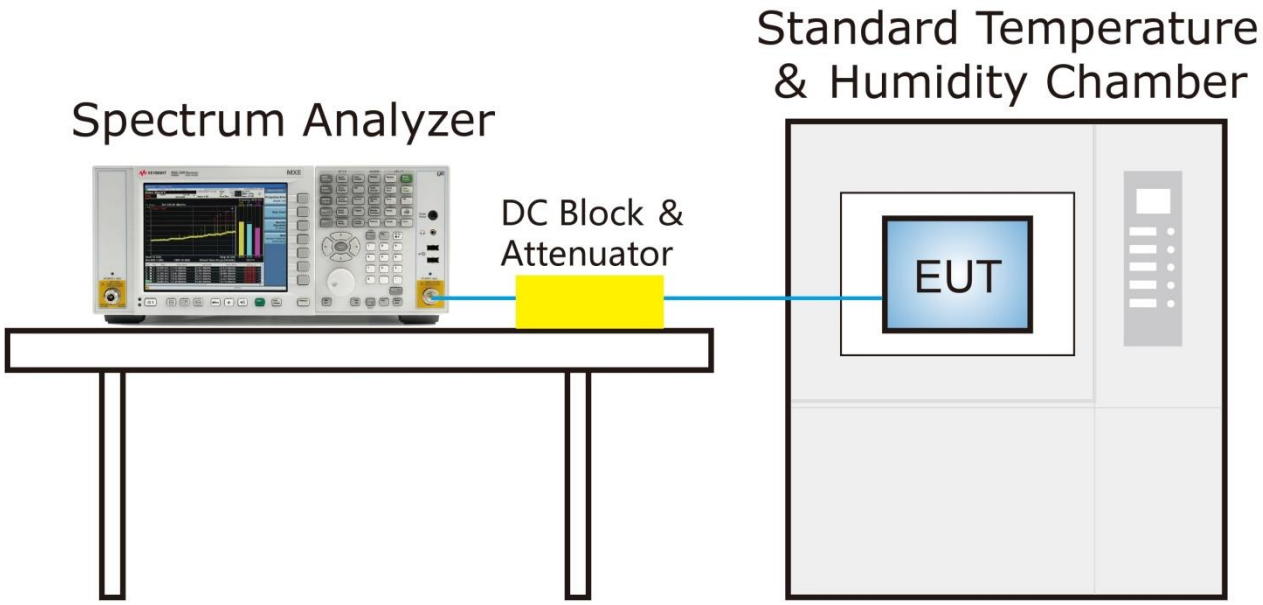
The equipment under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain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

Frequency Stability Under Voltage Variations:

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

Reduce the input voltage to specify extreme voltage variation (±15%) and endpoint, recordthe 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.

7.7.3.Test Setup



7.7.4.Test Result

Product	Mobile Computer	Test Engineer	Gordon Qi
Test Site	TR3	Test Time	2020/07/07
Test Mode	5180MHz (Carrier Mode)		

Voltage (%)	Power (V_{DC})	Temp (°C)	Frequency Tolerance (ppm)			
			0 minutes	2 minutes	5 minutes	10 minutes
100%	3.85	- 30	5.23	5.12	5.16	5.34
		- 20	5.06	5.11	5.24	5.11
		- 10	5.06	4.88	5.10	5.21
		0	5.14	5.11	5.10	5.09
		+ 10	5.10	5.04	5.07	5.18
		+ 20 (Ref)	5.09	5.19	5.05	5.10
		+ 30	5.09	5.10	5.00	5.02
		+ 40	5.08	4.94	4.92	5.01
		+ 50	5.08	5.17	5.08	5.09
Battery Upper	4.30	+ 20	5.07	5.05	4.89	5.02
Battery Endpoint	3.50	+ 20	5.23	5.12	5.16	5.34

Note 1: Frequency Tolerance (ppm) = {[Measured Frequency (MHz) - Declared Frequency (MHz)] / Declared Frequency (MHz)} *10^6.

Note 2: Battery upper voltage is 4.30Vdc, battery endpoint voltage is 3.50Vdc, which are declared by the manufacturer.

7.8. Radiated Spurious Emission Measurement

7.8.1.Test Limit

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

FCC Part 15 Subpart C Paragraph 15.209		
Frequency (MHz)	Field Strength (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

7.8.2.Test Procedure Used

KDB 789033 D02v02r01- Section G

7.8.3.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

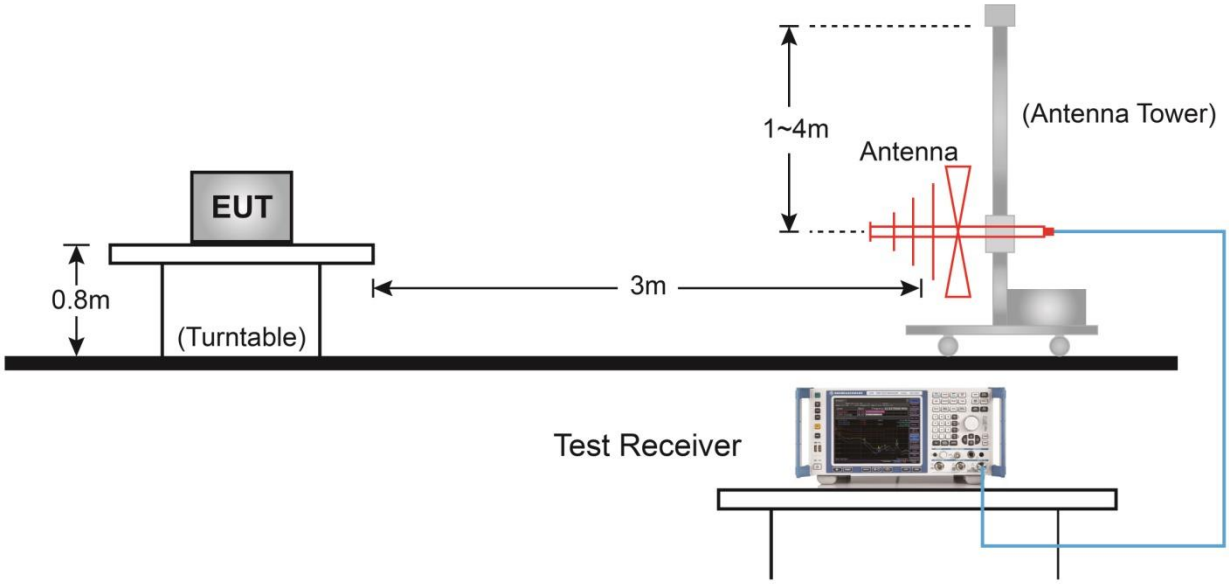
Average Measurements above 1GHz (Method VB)

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

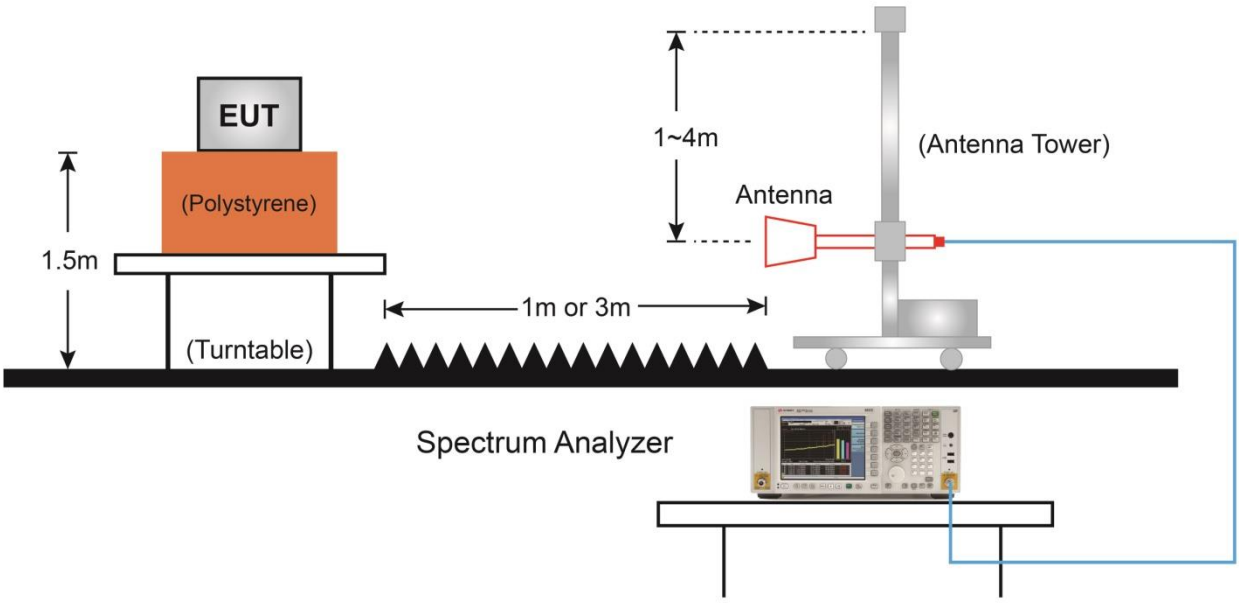
   If the EUT duty cycle is < 98%, set VBW ≥ 1/T. T is the minimum transmission duration
4. Detector = Peak
5. Sweep time = auto
6. Trace mode = max hold
7. Trace was allowed to stabilize

7.8.4.Test Setup

Below 1GHz Test Setup:



Above1GHz Test Setup:



7.8.5.Test Result

Product	Mobile Computer	Test Engineer	Buter Shi
Test Site	AC1	Test Date	2020/07/08
Test Mode	SISO Mode - 802.11a	Test Channel	36
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7596.0	37.0	10.8	47.8	74.0	-26.2	Peak	Horizontal
	8335.5	37.6	11.0	48.6	74.0	-25.4	Peak	Horizontal
*	8735.0	36.2	12.7	48.9	68.2	-19.3	Peak	Horizontal
*	10010.0	35.0	15.1	50.1	68.2	-18.1	Peak	Horizontal
*	7018.0	37.6	9.8	47.4	68.2	-20.8	Peak	Vertical
*	7910.5	37.0	11.2	48.2	68.2	-20.0	Peak	Vertical
	8310.0	36.4	11.2	47.6	74.0	-26.4	Peak	Vertical
	11191.5	35.0	15.6	50.6	74.0	-23.4	Peak	Vertical

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

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

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

Product	Mobile Computer	Test Engineer	Buter Shi
Test Site	AC1	Test Date	2020/07/08
Test Mode	SISO Mode - 802.11a	Test Channel	44
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7511.0	37.5	10.9	48.4	74.0	-25.6	Peak	Horizontal
	8250.5	36.3	11.4	47.7	74.0	-26.3	Peak	Horizontal
*	8854.0	35.6	12.8	48.4	68.2	-19.8	Peak	Horizontal
*	9721.0	35.1	15.1	50.2	68.2	-18.0	Peak	Horizontal
	7570.5	35.7	10.8	46.5	74.0	-27.5	Peak	Vertical
	8191.0	37.4	11.4	48.8	74.0	-25.2	Peak	Vertical
*	8769.0	35.7	12.9	48.6	68.2	-19.6	Peak	Vertical
*	9746.5	35.2	15.3	50.5	68.2	-17.7	Peak	Vertical

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

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

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

Product	Mobile Computer	Test Engineer	Buter Shi
Test Site	AC1	Test Date	2020/07/08
Test Mode	SISO Mode - 802.11a	Test Channel	48
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7502.5	36.8	10.8	47.6	74.0	-26.4	Peak	Horizontal
	8208.0	36.7	11.4	48.1	74.0	-25.9	Peak	Horizontal
*	8811.5	35.3	13.3	48.6	68.2	-19.6	Peak	Horizontal
*	9916.5	34.9	15.2	50.1	68.2	-18.1	Peak	Horizontal
	7485.5	37.4	10.8	48.2	74.0	-25.8	Peak	Vertical
	8165.5	35.7	11.5	47.2	74.0	-26.8	Peak	Vertical
*	8820.0	35.4	13.2	48.6	68.2	-19.6	Peak	Vertical
*	10307.5	34.3	15.6	49.9	68.2	-18.3	Peak	Vertical

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

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

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

Product	Mobile Computer	Test Engineer	Buter Shi
Test Site	AC1	Test Date	2020/07/08
Test Mode	SISO Mode - 802.11a	Test Channel	52
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7528.0	38.4	10.9	49.3	74.0	-24.7	Peak	Horizontal
	8131.5	37.0	11.4	48.4	74.0	-25.6	Peak	Horizontal
*	8650.0	36.9	12.9	49.8	68.2	-18.4	Peak	Horizontal
*	9678.5	35.3	14.6	49.9	68.2	-18.3	Peak	Horizontal
	7451.5	37.0	11.0	48.0	74.0	-26.0	Peak	Vertical
	8242.0	35.9	11.2	47.1	74.0	-26.9	Peak	Vertical
*	8837.0	35.3	12.7	48.0	68.2	-20.2	Peak	Vertical
*	10035.5	35.5	15.4	50.9	68.2	-17.3	Peak	Vertical

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

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

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

Product	Mobile Computer	Test Engineer	Buter Shi
Test Site	AC1	Test Date	2020/07/08
Test Mode	SISO Mode - 802.11a	Test Channel	60
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7502.5	37.2	10.8	48.0	74.0	-26.0	Peak	Horizontal
	8276.0	36.6	11.2	47.8	74.0	-26.2	Peak	Horizontal
*	8769.0	35.6	12.9	48.5	68.2	-19.7	Peak	Horizontal
*	9729.5	35.2	15.1	50.3	68.2	-17.9	Peak	Horizontal
	7638.5	37.6	10.5	48.1	74.0	-25.9	Peak	Vertical
	8352.5	35.3	11.2	46.5	74.0	-27.5	Peak	Vertical
*	8811.5	35.9	13.3	49.2	68.2	-19.0	Peak	Vertical
*	10018.5	34.6	15.1	49.7	68.2	-18.5	Peak	Vertical

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

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

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

Product	Mobile Computer	Test Engineer	Buter Shi
Test Site	AC1	Test Date	2020/07/08
Test Mode	SISO Mode - 802.11a	Test Channel	64
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7468.5	37.1	10.9	48.0	74.0	-26.0	Peak	Horizontal
	8216.5	37.1	11.4	48.5	74.0	-25.5	Peak	Horizontal
*	8692.5	35.8	13.1	48.9	68.2	-19.3	Peak	Horizontal
*	10061.0	34.4	14.9	49.3	68.2	-18.9	Peak	Horizontal
	7545.0	37.6	10.8	48.4	74.0	-25.6	Peak	Vertical
	8165.5	35.8	11.5	47.3	74.0	-26.7	Peak	Vertical
*	8735.0	35.7	12.7	48.4	68.2	-19.8	Peak	Vertical
*	9780.5	35.4	15.2	50.6	68.2	-17.6	Peak	Vertical

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

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

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

Product	Mobile Computer	Test Engineer	Buter Shi
Test Site	AC1	Test Date	2020/07/08
Test Mode	SISO Mode - 802.11a	Test Channel	100
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7502.5	37.0	10.8	47.8	74.0	-26.2	Peak	Horizontal
	8446.0	37.4	11.6	49.0	74.0	-25.0	Peak	Horizontal
*	8709.5	36.9	12.9	49.8	68.2	-18.4	Peak	Horizontal
*	9746.5	35.5	15.3	50.8	68.2	-17.4	Peak	Horizontal
	7460.0	37.9	11.0	48.9	74.0	-25.1	Peak	Vertical
	8352.5	36.0	11.2	47.2	74.0	-26.8	Peak	Vertical
*	8786.0	35.7	12.8	48.5	68.2	-19.7	Peak	Vertical
*	9831.5	34.7	15.4	50.1	68.2	-18.1	Peak	Vertical

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

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

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

Product	Mobile Computer	Test Engineer	Buter Shi
Test Site	AC1	Test Date	2020/07/08
Test Mode	SISO Mode - 802.11a	Test Channel	116
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
	7511.0	38.3	10.9	49.2	74.0	-24.8	Peak	Horizontal
	8259.0	36.1	11.5	47.6	74.0	-26.4	Peak	Horizontal
*	8658.5	36.1	12.8	48.9	68.2	-19.3	Peak	Horizontal
*	9772.0	35.4	15.2	50.6	68.2	-17.6	Peak	Horizontal
	7443.0	37.6	11.0	48.6	74.0	-25.4	Peak	Vertical
	8165.5	36.2	11.5	47.7	74.0	-26.3	Peak	Vertical
*	8718.0	36.0	12.8	48.8	68.2	-19.4	Peak	Vertical
*	9840.0	34.6	15.4	50.0	68.2	-18.2	Peak	Vertical

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

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

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

Product	Mobile Computer	Test Engineer	Buter Shi
Test Site	AC1	Test Date	2020/07/08
Test Mode	SISO Mode - 802.11a	Test Channel	140
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7570.5	35.7	10.8	46.5	74.0	-27.5	Peak	Horizontal
	8199.5	36.2	11.4	47.6	74.0	-26.4	Peak	Horizontal
*	8624.5	35.8	12.3	48.1	68.2	-20.1	Peak	Horizontal
*	9619.0	36.3	14.6	50.9	68.2	-17.3	Peak	Horizontal
	7604.5	37.3	10.8	48.1	74.0	-25.9	Peak	Vertical
	8225.0	37.1	11.4	48.5	74.0	-25.5	Peak	Vertical
*	8769.0	36.7	12.9	49.6	68.2	-18.6	Peak	Vertical
*	9865.5	35.2	15.5	50.7	68.2	-17.5	Peak	Vertical

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

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

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

Product	Mobile Computer	Test Engineer	Buter Shi
Test Site	AC1	Test Date	2020/07/08
Test Mode	SISO Mode - 802.11a	Test Channel	144
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7689.5	37.5	10.8	48.3	74.0	-25.7	Peak	Horizontal
	8165.5	38.2	11.5	49.7	74.0	-24.3	Peak	Horizontal
*	8862.5	37.6	12.9	50.5	68.2	-17.7	Peak	Horizontal
*	9899.5	36.0	15.1	51.1	68.2	-17.1	Peak	Horizontal
	7502.5	38.5	10.8	49.3	74.0	-24.7	Peak	Vertical
	8199.5	38.7	11.4	50.1	74.0	-23.9	Peak	Vertical
*	8760.5	37.6	12.9	50.5	68.2	-17.7	Peak	Vertical
*	9695.5	36.4	14.5	50.9	68.2	-17.3	Peak	Vertical

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

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

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

Product	Mobile Computer	Test Engineer	Buter Shi
Test Site	AC1	Test Date	2020/07/08
Test Mode	SISO Mode - 802.11a	Test Channel	149
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7638.5	38.2	10.5	48.7	74.0	-25.3	Peak	Horizontal
	8352.5	36.5	11.2	47.7	74.0	-26.3	Peak	Horizontal
*	8743.5	36.4	12.8	49.2	68.2	-19.0	Peak	Horizontal
*	9729.5	35.6	15.1	50.7	68.2	-17.5	Peak	Horizontal
	7460.0	36.8	11.0	47.8	74.0	-26.2	Peak	Vertical
	8276.0	35.4	11.2	46.6	74.0	-27.4	Peak	Vertical
*	8769.0	35.9	12.9	48.8	68.2	-19.4	Peak	Vertical
*	9993.0	35.4	15.1	50.5	68.2	-17.7	Peak	Vertical

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

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

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

Product	Mobile Computer	Test Engineer	Buter Shi
Test Site	AC1	Test Date	2020/07/08
Test Mode	SISO Mode - 802.11a	Test Channel	157
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7655.5	37.8	10.4	48.2	74.0	-25.8	Peak	Horizontal
	8276.0	36.5	11.2	47.7	74.0	-26.3	Peak	Horizontal
*	8888.0	36.9	12.7	49.6	68.2	-18.6	Peak	Horizontal
*	9729.5	35.0	15.1	50.1	68.2	-18.1	Peak	Horizontal
	7630.0	37.0	10.5	47.5	74.0	-26.5	Peak	Vertical
	8403.5	36.1	11.4	47.5	74.0	-26.5	Peak	Vertical
*	8701.0	35.1	13.0	48.1	68.2	-20.1	Peak	Vertical
*	9959.0	34.0	14.8	48.8	68.2	-19.4	Peak	Vertical

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

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

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

Product	Mobile Computer	Test Engineer	Buter Shi
Test Site	AC1	Test Date	2020/07/08
Test Mode	SISO Mode - 802.11a	Test Channel	165
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7477.0	37.8	10.8	48.6	74.0	-25.4	Peak	Horizontal
	8429.0	36.8	11.4	48.2	74.0	-25.8	Peak	Horizontal
*	8692.5	35.9	13.1	49.0	68.2	-19.2	Peak	Horizontal
*	9857.0	34.4	15.4	49.8	68.2	-18.4	Peak	Horizontal
	7426.0	36.9	10.8	47.7	74.0	-26.3	Peak	Vertical
	8148.5	37.6	11.3	48.9	74.0	-25.1	Peak	Vertical
*	8777.5	36.4	12.8	49.2	68.2	-19.0	Peak	Vertical
*	9636.0	35.1	14.5	49.6	68.2	-18.6	Peak	Vertical

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

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

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

Product	Mobile Computer	Test Engineer	Buter Shi
Test Site	AC1	Test Date	2020/07/08
Test Mode	SISO Mode - 802.11ac-VHT20	Test Channel	36
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7502.5	43.8	3.4	47.2	74.0	-26.8	Peak	Horizontal
	8267.5	45.6	3.4	49.0	74.0	-25.0	Peak	Horizontal
*	9755.0	44.5	7.0	51.5	68.2	-16.7	Peak	Horizontal
*	13095.5	44.1	6.5	50.6	68.2	-17.6	Peak	Horizontal
	7468.5	36.8	10.9	47.7	74.0	-26.3	Peak	Vertical
	8318.5	36.8	11.1	47.9	74.0	-26.1	Peak	Vertical
*	8888.0	35.3	12.7	48.0	68.2	-20.2	Peak	Vertical
*	9865.5	34.9	15.5	50.4	68.2	-17.8	Peak	Vertical

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

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

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

Product	Mobile Computer	Test Engineer	Buter Shi
Test Site	AC1	Test Date	2020/07/08
Test Mode	SISO Mode - 802.11ac-VHT20	Test Channel	44
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7417.5	36.9	10.8	47.7	74.0	-26.3	Peak	Horizontal
	8437.5	37.5	11.4	48.9	74.0	-25.1	Peak	Horizontal
*	8862.5	36.4	12.9	49.3	68.2	-18.9	Peak	Horizontal
*	9899.5	34.9	15.1	50.0	68.2	-18.2	Peak	Horizontal
	7451.5	37.5	11.0	48.5	74.0	-25.5	Peak	Vertical
	8140.0	38.5	11.3	49.8	74.0	-24.2	Peak	Vertical
*	8811.5	36.6	13.3	49.9	68.2	-18.3	Peak	Vertical
*	10035.5	34.8	15.4	50.2	68.2	-18.0	Peak	Vertical

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

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

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

Product	Mobile Computer	Test Engineer	Buter Shi
Test Site	AC1	Test Date	2020/07/08
Test Mode	SISO Mode - 802.11ac-VHT20	Test Channel	48
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7502.5	37.1	10.8	47.9	74.0	-26.1	Peak	Horizontal
	8131.5	36.6	11.4	48.0	74.0	-26.0	Peak	Horizontal
*	8582.0	35.9	12.3	48.2	68.2	-20.0	Peak	Horizontal
*	9746.5	35.4	15.3	50.7	68.2	-17.5	Peak	Horizontal
	7443.0	37.6	11.0	48.6	74.0	-25.4	Peak	Vertical
	8199.5	35.3	11.4	46.7	74.0	-27.3	Peak	Vertical
*	8692.5	35.4	13.1	48.5	68.2	-19.7	Peak	Vertical
*	10010.0	36.2	15.1	51.3	68.2	-16.9	Peak	Vertical

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

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

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

Product	Mobile Computer	Test Engineer	Buter Shi
Test Site	AC1	Test Date	2020/07/08
Test Mode	SISO Mode - 802.11ac-VHT20	Test Channel	52
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7443.0	36.7	11.0	47.7	74.0	-26.3	Peak	Horizontal
	8089.0	37.5	11.8	49.3	74.0	-24.7	Peak	Horizontal
*	8760.5	36.9	12.9	49.8	68.2	-18.4	Peak	Horizontal
*	9729.5	35.4	15.1	50.5	68.2	-17.7	Peak	Horizontal
	7443.0	36.3	11.0	47.3	74.0	-26.7	Peak	Vertical
	8310.0	35.4	11.2	46.6	74.0	-27.4	Peak	Vertical
*	8667.0	36.4	12.5	48.9	68.2	-19.3	Peak	Vertical
*	9814.5	35.5	15.3	50.8	68.2	-17.4	Peak	Vertical

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

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

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

Product	Mobile Computer	Test Engineer	Buter Shi
Test Site	AC1	Test Date	2020/07/08
Test Mode	SISO Mode - 802.11ac-VHT20	Test Channel	60
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7570.5	37.7	10.8	48.5	74.0	-25.5	Peak	Horizontal
	8250.5	36.8	11.4	48.2	74.0	-25.8	Peak	Horizontal
*	8769.0	36.0	12.9	48.9	68.2	-19.3	Peak	Horizontal
*	9857.0	34.8	15.4	50.2	68.2	-18.0	Peak	Horizontal
	7570.5	37.7	10.8	48.5	74.0	-25.5	Peak	Vertical
	8420.5	38.4	11.4	49.8	74.0	-24.2	Peak	Vertical
*	8871.0	37.0	12.9	49.9	68.2	-18.3	Peak	Vertical
*	9704.0	36.6	14.7	51.3	68.2	-16.9	Peak	Vertical

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

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

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

Product	Mobile Computer	Test Engineer	Buter Shi
Test Site	AC1	Test Date	2020/07/08
Test Mode	SISO Mode - 802.11ac-VHT20	Test Channel	64
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7519.5	37.3	10.9	48.2	74.0	-25.8	Peak	Horizontal
	8446.0	37.6	11.6	49.2	74.0	-24.8	Peak	Horizontal
*	8777.5	36.2	12.8	49.0	68.2	-19.2	Peak	Horizontal
*	10137.5	36.6	15.6	52.2	68.2	-16.0	Peak	Horizontal
	7468.5	36.2	10.9	47.1	74.0	-26.9	Peak	Vertical
	8403.5	35.6	11.4	47.0	74.0	-27.0	Peak	Vertical
*	8811.5	35.2	13.3	48.5	68.2	-19.7	Peak	Vertical
*	9899.5	34.4	15.1	49.5	68.2	-18.7	Peak	Vertical

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

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

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

Product	Mobile Computer	Test Engineer	Buter Shi
Test Site	AC1	Test Date	2020/07/08
Test Mode	SISO Mode - 802.11ac-VHT20	Test Channel	100
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7451.5	36.9	11.0	47.9	74.0	-26.1	Peak	Horizontal
	8276.0	35.4	11.2	46.6	74.0	-27.4	Peak	Horizontal
*	8641.5	35.6	12.5	48.1	68.2	-20.1	Peak	Horizontal
*	9823.0	35.5	15.3	50.8	68.2	-17.4	Peak	Horizontal
	7502.5	36.5	10.8	47.3	74.0	-26.7	Peak	Vertical
	8165.5	37.0	11.5	48.5	74.0	-25.5	Peak	Vertical
*	8811.5	36.5	13.3	49.8	68.2	-18.4	Peak	Vertical
*	9763.5	35.7	15.2	50.9	68.2	-17.3	Average	Vertical
	7451.5	36.9	11.0	47.9	74.0	-26.1	Peak	Vertical

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

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

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

Product	Mobile Computer	Test Engineer	Buter Shi
Test Site	AC1	Test Date	2020/07/08
Test Mode	SISO Mode - 802.11ac-VHT20	Test Channel	116
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
	7528.0	37.2	10.9	48.1	74.0	-25.9	Peak	Horizontal
	8420.5	37.3	11.4	48.7	74.0	-25.3	Peak	Horizontal
*	8811.5	35.1	13.3	48.4	68.2	-19.8	Peak	Horizontal
*	9976.0	35.2	14.9	50.1	68.2	-18.1	Peak	Horizontal
	7519.5	36.1	10.9	47.0	74.0	-27.0	Peak	Vertical
	8259.0	35.7	11.5	47.2	74.0	-26.8	Peak	Vertical
*	8743.5	35.1	12.8	47.9	68.2	-20.3	Peak	Vertical
*	9763.5	35.0	15.2	50.2	68.2	-18.0	Peak	Vertical

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

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

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

Product	Mobile Computer	Test Engineer	Buter Shi
Test Site	AC1	Test Date	2020/07/08
Test Mode	SISO Mode - 802.11ac-VHT20	Test Channel	140
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7451.5	37.0	11.0	48.0	74.0	-26.0	Peak	Horizontal
	8063.5	38.6	11.5	50.1	74.0	-23.9	Peak	Horizontal
*	8650.0	36.4	12.9	49.3	68.2	-18.9	Peak	Horizontal
*	9755.0	35.4	15.3	50.7	68.2	-17.5	Peak	Horizontal
	7638.5	36.6	10.5	47.1	74.0	-26.9	Peak	Vertical
	8284.5	36.6	11.2	47.8	74.0	-26.2	Peak	Vertical
*	8794.5	36.6	12.9	49.5	68.2	-18.7	Peak	Vertical
*	9857.0	34.2	15.4	49.6	68.2	-18.6	Average	Vertical
	7451.5	37.0	11.0	48.0	74.0	-26.0	Peak	Vertical

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

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

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

Product	Mobile Computer	Test Engineer	Buter Shi
Test Site	AC1	Test Date	2020/07/08
Test Mode	SISO Mode - 802.11ac-VHT20	Test Channel	144
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7511.0	36.4	10.9	47.3	74.0	-26.7	Peak	Horizontal
	8199.5	36.7	11.4	48.1	74.0	-25.9	Peak	Horizontal
*	8692.5	35.6	13.1	48.7	68.2	-19.5	Peak	Horizontal
*	9857.0	35.7	15.4	51.1	68.2	-17.1	Average	Horizontal
	7443.0	37.1	11.0	48.1	74.0	-25.9	Peak	Horizontal
	8420.5	36.6	11.4	48.0	74.0	-26.0	Peak	Vertical
*	8777.5	35.3	12.8	48.1	68.2	-20.1	Peak	Vertical
*	9797.5	33.9	15.2	49.1	68.2	-19.1	Peak	Vertical
	7511.0	36.4	10.9	47.3	74.0	-26.7	Average	Vertical
	8199.5	36.7	11.4	48.1	74.0	-25.9	Peak	Vertical

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

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

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

Product	Mobile Computer	Test Engineer	Buter Shi
Test Site	AC1	Test Date	2020/07/08
Test Mode	SISO Mode - 802.11ac-VHT20	Test Channel	149
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7553.5	37.2	10.8	48.0	74.0	-26.0	Peak	Horizontal
	8471.5	37.4	11.4	48.8	74.0	-25.2	Peak	Horizontal
*	8760.5	36.6	12.9	49.5	68.2	-18.7	Peak	Horizontal
*	9908.0	35.7	15.2	50.9	68.2	-17.3	Peak	Horizontal
	7502.5	35.5	10.8	46.3	74.0	-27.7	Peak	Vertical
	8165.5	36.9	11.5	48.4	74.0	-25.6	Peak	Vertical
*	8658.5	36.0	12.8	48.8	68.2	-19.4	Peak	Vertical
*	10129.0	35.7	15.8	51.5	68.2	-16.7	Peak	Vertical

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

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

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

Product	Mobile Computer	Test Engineer	Buter Shi
Test Site	AC1	Test Date	2020/07/08
Test Mode	SISO Mode - 802.11ac-VHT20	Test Channel	157
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7485.5	36.6	10.8	47.4	74.0	-26.6	Peak	Horizontal
	8165.5	36.1	11.5	47.6	74.0	-26.4	Peak	Horizontal
*	8837.0	36.9	12.7	49.6	68.2	-18.6	Peak	Horizontal
*	9857.0	35.4	15.4	50.8	68.2	-17.4	Peak	Horizontal
	7485.5	36.8	10.8	47.6	74.0	-26.4	Peak	Vertical
	8284.5	37.2	11.2	48.4	74.0	-25.6	Peak	Vertical
*	8692.5	35.5	13.1	48.6	68.2	-19.6	Peak	Vertical
*	9857.0	36.2	15.4	51.6	68.2	-16.6	Peak	Vertical

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

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

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

Product	Mobile Computer	Test Engineer	Buter Shi
Test Site	AC1	Test Date	2020/07/08
Test Mode	SISO Mode - 802.11ac-VHT20	Test Channel	165
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7477.0	37.5	10.8	48.3	74.0	-25.7	Peak	Horizontal
	8276.0	35.3	11.2	46.5	74.0	-27.5	Peak	Horizontal
*	8692.5	36.3	13.1	49.4	68.2	-18.8	Peak	Horizontal
*	10078.0	35.3	15.1	50.4	68.2	-17.8	Peak	Horizontal
	7519.5	36.8	10.9	47.7	74.0	-26.3	Peak	Vertical
	8259.0	36.5	11.5	48.0	74.0	-26.0	Peak	Vertical
*	8769.0	35.8	12.9	48.7	68.2	-19.5	Peak	Vertical
*	10205.5	36.7	15.6	52.3	68.2	-15.9	Peak	Vertical

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

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

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

Product	Mobile Computer	Test Engineer	Buter Shi
Test Site	AC1	Test Date	2020/07/08
Test Mode	SISO Mode - 802.11ac-VHT40	Test Channel	38
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7715.0	38.7	10.5	49.2	74.0	-24.8	Peak	Horizontal
	8029.5	38.6	11.6	50.2	74.0	-23.8	Peak	Horizontal
*	8828.5	37.7	12.9	50.6	68.2	-17.6	Peak	Horizontal
*	9772.0	36.5	15.2	51.7	68.2	-16.5	Peak	Horizontal
	7706.5	38.5	10.6	49.1	74.0	-24.9	Peak	Vertical
	8165.5	37.7	11.5	49.2	74.0	-24.8	Peak	Vertical
*	8769.0	37.1	12.9	50.0	68.2	-18.2	Peak	Vertical
*	9678.5	35.0	14.6	49.6	68.2	-18.6	Peak	Vertical

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

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

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

Product	Mobile Computer	Test Engineer	Buter Shi
Test Site	AC1	Test Date	2020/07/08
Test Mode	SISO Mode - 802.11ac-VHT40	Test Channel	46
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7468.5	37.0	10.9	47.9	74.0	-26.1	Peak	Horizontal
	8131.5	37.2	11.4	48.6	74.0	-25.4	Peak	Horizontal
*	8743.5	35.8	12.8	48.6	68.2	-19.6	Peak	Horizontal
*	9916.5	35.3	15.2	50.5	68.2	-17.7	Peak	Horizontal
	7468.5	36.7	10.9	47.6	74.0	-26.4	Peak	Vertical
	8352.5	37.5	11.2	48.7	74.0	-25.3	Peak	Vertical
*	8735.0	36.1	12.7	48.8	68.2	-19.4	Peak	Vertical
*	9857.0	34.1	15.4	49.5	68.2	-18.7	Peak	Vertical

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

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

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

Product	Mobile Computer	Test Engineer	Buter Shi
Test Site	AC1	Test Date	2020/07/08
Test Mode	SISO Mode - 802.11ac-VHT40	Test Channel	54
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7519.5	37.2	10.9	48.1	74.0	-25.9	Peak	Horizontal
	8344.0	36.7	11.1	47.8	74.0	-26.2	Peak	Horizontal
*	8726.5	36.0	12.8	48.8	68.2	-19.4	Peak	Horizontal
*	10027.0	35.9	15.3	51.2	68.2	-17.0	Peak	Horizontal
	7672.5	35.8	10.7	46.5	74.0	-27.5	Peak	Vertical
	8131.5	37.6	11.4	49.0	74.0	-25.0	Peak	Vertical
*	8760.5	36.6	12.9	49.5	68.2	-18.7	Peak	Vertical
*	9942.0	35.7	15.0	50.7	68.2	-17.5	Peak	Vertical

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

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

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

Product	Mobile Computer	Test Engineer	Buter Shi
Test Site	AC1	Test Date	2020/07/08
Test Mode	SISO Mode - 802.11ac-VHT40	Test Channel	62
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	10979.0	45.4	7.7	53.1	74.0	-20.9	Peak	Horizontal
	12296.5	46.3	5.9	52.2	74.0	-21.8	Peak	Horizontal
*	13826.5	44.8	7.7	52.5	68.2	-15.7	Peak	Horizontal
*	14965.5	45.8	7.7	53.5	68.2	-14.7	Peak	Horizontal
	7502.5	37.1	10.8	47.9	74.0	-26.1	Peak	Vertical
	8055.0	37.5	11.6	49.1	74.0	-24.9	Peak	Vertical
*	8692.5	36.4	13.1	49.5	68.2	-18.7	Peak	Vertical
*	9772.0	35.2	15.2	50.4	68.2	-17.8	Peak	Vertical

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

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

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

Product	Mobile Computer	Test Engineer	Buter Shi
Test Site	AC1	Test Date	2020/07/08
Test Mode	SISO Mode - 802.11ac-VHT40	Test Channel	102
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7536.5	36.8	10.8	47.6	74.0	-26.4	Peak	Horizontal
	8429.0	38.7	11.4	50.1	74.0	-23.9	Peak	Horizontal
*	8692.5	36.2	13.1	49.3	68.2	-18.9	Peak	Horizontal
*	9789.0	35.2	15.2	50.4	68.2	-17.8	Peak	Horizontal
	7375.0	37.1	10.8	47.9	74.0	-26.1	Peak	Vertical
	8446.0	37.1	11.6	48.7	74.0	-25.3	Peak	Vertical
*	8964.5	37.4	12.9	50.3	68.2	-17.9	Peak	Vertical
*	10086.5	35.8	14.9	50.7	68.2	-17.5	Average	Vertical
	7536.5	36.8	10.8	47.6	74.0	-26.4	Peak	Vertical

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

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

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

Product	Mobile Computer	Test Engineer	Buter Shi
Test Site	AC1	Test Date	2020/07/08
Test Mode	SISO Mode - 802.11ac-VHT40	Test Channel	110
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7383.5	37.5	10.8	48.3	74.0	-25.7	Peak	Horizontal
	8182.5	36.4	11.4	47.8	74.0	-26.2	Peak	Horizontal
*	8675.5	35.6	12.6	48.2	68.2	-20.0	Peak	Horizontal
*	9857.0	35.1	15.4	50.5	68.2	-17.7	Peak	Horizontal
	7434.5	37.4	10.9	48.3	74.0	-25.7	Peak	Vertical
	8089.0	37.5	11.8	49.3	74.0	-24.7	Peak	Vertical
*	8650.0	36.0	12.9	48.9	68.2	-19.3	Peak	Vertical
*	10035.5	35.4	15.4	50.8	68.2	-17.4	Peak	Vertical

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

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

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

Product	Mobile Computer	Test Engineer	Buter Shi
Test Site	AC1	Test Date	2020/07/08
Test Mode	SISO Mode - 802.11ac-VHT40	Test Channel	134
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7613.0	37.0	10.7	47.7	74.0	-26.3	Peak	Horizontal
	8276.0	36.8	11.2	48.0	74.0	-26.0	Peak	Horizontal
*	8735.0	36.1	12.7	48.8	68.2	-19.4	Peak	Horizontal
*	9899.5	34.9	15.1	50.0	68.2	-18.2	Peak	Horizontal
	7443.0	37.0	11.0	48.0	74.0	-26.0	Peak	Vertical
	8284.5	36.6	11.2	47.8	74.0	-26.2	Peak	Vertical
*	8769.0	35.7	12.9	48.6	68.2	-19.6	Peak	Vertical
*	9993.0	35.9	15.1	51.0	68.2	-17.2	Peak	Vertical

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

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

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

Product	Mobile Computer	Test Engineer	Buter Shi
Test Site	AC1	Test Date	2020/07/08
Test Mode	SISO Mode - 802.11ac-VHT40	Test Channel	142
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7519.5	37.3	10.9	48.2	74.0	-25.8	Peak	Horizontal
	8242.0	36.2	11.2	47.4	74.0	-26.6	Peak	Horizontal
*	8871.0	36.7	12.9	49.6	68.2	-18.6	Peak	Horizontal
*	10265.0	36.9	15.7	52.6	68.2	-15.6	Peak	Horizontal
	7400.5	37.3	10.7	48.0	74.0	-26.0	Peak	Vertical
	8089.0	37.5	11.8	49.3	74.0	-24.7	Peak	Vertical
*	8692.5	35.6	13.1	48.7	68.2	-19.5	Peak	Vertical
*	10010.0	35.3	15.1	50.4	68.2	-17.8	Peak	Vertical

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

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

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

Product	Mobile Computer	Test Engineer	Buter Shi
Test Site	AC1	Test Date	2020/07/08
Test Mode	SISO Mode - 802.11ac-VHT40	Test Channel	151
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7358.0	37.1	11.0	48.1	74.0	-25.9	Peak	Horizontal
	8106.0	38.5	11.7	50.2	74.0	-23.8	Peak	Horizontal
*	8658.5	36.6	12.8	49.4	68.2	-18.8	Peak	Horizontal
*	9908.0	35.8	15.2	51.0	68.2	-17.2	Peak	Horizontal
	7417.5	37.0	10.8	47.8	74.0	-26.2	Peak	Vertical
	8089.0	37.9	11.8	49.7	74.0	-24.3	Peak	Vertical
*	8879.5	37.4	12.8	50.2	68.2	-18.0	Peak	Vertical
*	9899.5	35.9	15.1	51.0	68.2	-17.2	Peak	Vertical

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

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

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

Product	Mobile Computer	Test Engineer	Buter Shi
Test Site	AC1	Test Date	2020/07/08
Test Mode	SISO Mode - 802.11ac-VHT40	Test Channel	159
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7672.5	36.9	10.7	47.6	74.0	-26.4	Peak	Horizontal
	8123.0	38.4	11.5	49.9	74.0	-24.1	Peak	Horizontal
*	8811.5	36.7	13.3	50.0	68.2	-18.2	Peak	Horizontal
*	9840.0	36.1	15.4	51.5	68.2	-16.7	Peak	Horizontal
	7494.0	37.5	10.8	48.3	74.0	-25.7	Peak	Vertical
	8165.5	36.3	11.5	47.8	74.0	-26.2	Peak	Vertical
*	8820.0	37.4	13.2	50.6	68.2	-17.6	Peak	Vertical
*	9942.0	34.4	15.0	49.4	68.2	-18.8	Average	Vertical
	7672.5	36.9	10.7	47.6	74.0	-26.4	Peak	Vertical

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

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

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

Product	Mobile Computer	Test Engineer	Buter Shi
Test Site	AC1	Test Date	2020/07/08
Test Mode	SISO Mode - 802.11ac-VHT80	Test Channel	42
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7536.5	37.7	10.8	48.5	74.0	-25.5	Peak	Horizontal
	8310.0	37.5	11.2	48.7	74.0	-25.3	Peak	Horizontal
*	8675.5	36.5	12.6	49.1	68.2	-19.1	Peak	Horizontal
*	9865.5	34.7	15.5	50.2	68.2	-18.0	Peak	Horizontal
	7706.5	37.4	10.6	48.0	74.0	-26.0	Peak	Vertical
	8242.0	37.2	11.2	48.4	74.0	-25.6	Peak	Vertical
*	8862.5	37.3	12.9	50.2	68.2	-18.0	Peak	Vertical
*	9899.5	36.7	15.1	51.8	68.2	-16.4	Peak	Vertical

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

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

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

Product	Mobile Computer	Test Engineer	Buter Shi
Test Site	AC1	Test Date	2020/07/08
Test Mode	SISO Mode - 802.11ac-VHT80	Test Channel	58
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7341.0	37.2	10.9	48.1	74.0	-25.9	Peak	Horizontal
	8446.0	37.1	11.6	48.7	74.0	-25.3	Peak	Horizontal
*	8913.5	36.4	13.1	49.5	68.2	-18.7	Peak	Horizontal
*	10358.5	36.2	16.2	52.4	68.2	-15.8	Peak	Horizontal
	7460.0	36.9	11.0	47.9	74.0	-26.1	Peak	Vertical
	8259.0	37.3	11.5	48.8	74.0	-25.2	Peak	Vertical
*	8777.5	36.8	12.8	49.6	68.2	-18.6	Peak	Vertical
*	10129.0	35.6	15.8	51.4	68.2	-16.8	Peak	Vertical

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

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

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

Product	Mobile Computer	Test Engineer	Buter Shi
Test Site	AC1	Test Date	2020/07/08
Test Mode	SISO Mode - 802.11ac-VHT80	Test Channel	106
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7638.5	37.6	10.5	48.1	74.0	-25.9	Peak	Horizontal
	8174.0	36.4	11.4	47.8	74.0	-26.2	Peak	Horizontal
*	8692.5	36.8	13.1	49.9	68.2	-18.3	Peak	Horizontal
*	9636.0	35.4	14.5	49.9	68.2	-18.3	Peak	Horizontal
	7451.5	37.6	11.0	48.6	74.0	-25.4	Peak	Vertical
	8191.0	37.6	11.4	49.0	74.0	-25.0	Peak	Vertical
*	8726.5	36.5	12.8	49.3	68.2	-18.9	Peak	Vertical
*	9789.0	34.4	15.2	49.6	68.2	-18.6	Peak	Vertical

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

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

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

Product	Mobile Computer	Test Engineer	Buter Shi
Test Site	AC1	Test Date	2020/07/08
Test Mode	SISO Mode - 802.11ac-VHT80	Test Channel	122
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7485.5	37.3	10.8	48.1	74.0	-25.9	Peak	Horizontal
	8089.0	37.9	11.8	49.7	74.0	-24.3	Peak	Horizontal
*	8735.0	36.0	12.7	48.7	68.2	-19.5	Peak	Horizontal
*	9899.5	35.4	15.1	50.5	68.2	-17.7	Peak	Horizontal
	7579.0	37.4	10.7	48.1	74.0	-25.9	Peak	Vertical
	8089.0	38.5	11.8	50.3	74.0	-23.7	Peak	Vertical
*	8752.0	37.6	12.9	50.5	68.2	-17.7	Peak	Vertical
*	10197.0	36.8	15.8	52.6	68.2	-15.6	Peak	Vertical

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

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

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

Product	Mobile Computer	Test Engineer	Buter Shi
Test Site	AC1	Test Date	2020/07/08
Test Mode	SISO Mode - 802.11ac-VHT80	Test Channel	138
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7511.0	36.6	10.9	47.5	74.0	-26.5	Peak	Horizontal
	8242.0	37.0	11.2	48.2	74.0	-25.8	Peak	Horizontal
*	8658.5	36.7	12.8	49.5	68.2	-18.7	Peak	Horizontal
*	9916.5	34.6	15.2	49.8	68.2	-18.4	Peak	Horizontal
	7655.5	38.2	10.4	48.6	74.0	-25.4	Peak	Vertical
	8046.5	38.2	11.6	49.8	74.0	-24.2	Peak	Vertical
*	8777.5	35.9	12.8	48.7	68.2	-19.5	Peak	Vertical
*	10137.5	35.1	15.6	50.7	68.2	-17.5	Peak	Vertical

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

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

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

Product	Mobile Computer	Test Engineer	Buter Shi
Test Site	AC1	Test Date	2020/07/08
Test Mode	SISO Mode - 802.11ac-VHT80	Test Channel	155
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7536.5	38.3	10.8	49.1	74.0	-24.9	Peak	Horizontal
	8165.5	37.2	11.5	48.7	74.0	-25.3	Peak	Horizontal
*	8701.0	36.6	13.0	49.6	68.2	-18.6	Peak	Horizontal
*	9916.5	35.9	15.2	51.1	68.2	-17.1	Peak	Horizontal
	7528.0	37.2	10.9	48.1	74.0	-25.9	Peak	Vertical
	8446.0	37.0	11.6	48.6	74.0	-25.4	Peak	Vertical
*	8701.0	35.6	13.0	48.6	68.2	-19.6	Peak	Vertical
*	9899.5	34.5	15.1	49.6	68.2	-18.6	Peak	Vertical

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

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

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

Product	Mobile Computer	Test Engineer	Buter Shi
Test Site	AC1	Test Date	2020/07/08
Test Mode	MIMO Mode - 802.11ac-VHT20	Test Channel	36
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7511.0	37.4	10.9	48.3	74.0	-25.7	Peak	Horizontal
	8089.0	37.7	11.8	49.5	74.0	-24.5	Peak	Horizontal
*	8641.5	36.8	12.5	49.3	68.2	-18.9	Peak	Horizontal
*	9772.0	35.8	15.2	51.0	68.2	-17.2	Peak	Horizontal
	7468.5	36.4	10.9	47.3	74.0	-26.7	Peak	Vertical
	8199.5	35.6	11.4	47.0	74.0	-27.0	Peak	Vertical
*	8735.0	35.5	12.7	48.2	68.2	-20.0	Peak	Vertical
*	9950.5	34.8	15.0	49.8	68.2	-18.4	Peak	Vertical

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

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

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

Product	Mobile Computer	Test Engineer	Buter Shi
Test Site	AC1	Test Date	2020/07/08
Test Mode	MIMO Mode - 802.11ac-VHT20	Test Channel	44
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7477.0	37.8	10.8	48.6	74.0	-25.4	Peak	Horizontal
	8174.0	37.2	11.4	48.6	74.0	-25.4	Peak	Horizontal
*	8675.5	37.3	12.6	49.9	68.2	-18.3	Peak	Horizontal
*	9950.5	36.5	15.0	51.5	68.2	-16.7	Peak	Horizontal
	7485.5	37.7	10.8	48.5	74.0	-25.5	Peak	Vertical
	8412.0	37.2	11.3	48.5	74.0	-25.5	Peak	Vertical
*	8752.0	36.1	12.9	49.0	68.2	-19.2	Peak	Vertical
*	10001.5	35.7	15.1	50.8	68.2	-17.4	Peak	Vertical

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

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

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

Product	Mobile Computer	Test Engineer	Buter Shi
Test Site	AC1	Test Date	2020/07/08
Test Mode	MIMO Mode - 802.11ac-VHT20	Test Channel	48
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7451.5	37.2	11.0	48.2	74.0	-25.8	Peak	Horizontal
	8446.0	37.7	11.6	49.3	74.0	-24.7	Peak	Horizontal
*	8658.5	36.3	12.8	49.1	68.2	-19.1	Peak	Horizontal
*	9721.0	35.2	15.1	50.3	68.2	-17.9	Peak	Horizontal
	7494.0	37.2	10.8	48.0	74.0	-26.0	Peak	Vertical
	8412.0	37.9	11.3	49.2	74.0	-24.8	Peak	Vertical
*	8922.0	35.6	13.0	48.6	68.2	-19.6	Peak	Vertical
*	9721.0	35.7	15.1	50.8	68.2	-17.4	Peak	Vertical

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

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

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

Product	Mobile Computer	Test Engineer	Buter Shi
Test Site	AC1	Test Date	2020/07/08
Test Mode	MIMO Mode - 802.11ac-VHT20	Test Channel	52
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7494.0	38.3	10.8	49.1	74.0	-24.9	Peak	Horizontal
	8182.5	38.2	11.4	49.6	74.0	-24.4	Peak	Horizontal
*	8658.5	36.1	12.8	48.9	68.2	-19.3	Peak	Horizontal
*	9772.0	36.0	15.2	51.2	68.2	-17.0	Peak	Horizontal
	7528.0	37.3	10.9	48.2	74.0	-25.8	Peak	Vertical
	8165.5	37.5	11.5	49.0	74.0	-25.0	Peak	Vertical
*	8811.5	36.4	13.3	49.7	68.2	-18.5	Peak	Vertical
*	9789.0	36.3	15.2	51.5	68.2	-16.7	Peak	Vertical

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

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

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

Product	Mobile Computer	Test Engineer	Buter Shi
Test Site	AC1	Test Date	2020/07/08
Test Mode	MIMO Mode - 802.11ac-VHT20	Test Channel	60
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7511.0	36.8	10.9	47.7	74.0	-26.3	Peak	Horizontal
	8208.0	37.3	11.4	48.7	74.0	-25.3	Peak	Horizontal
*	8692.5	37.1	13.1	50.2	68.2	-18.0	Peak	Horizontal
*	9593.5	36.3	14.7	51.0	68.2	-17.2	Peak	Horizontal
	7417.5	37.8	10.8	48.6	74.0	-25.4	Peak	Vertical
	8106.0	37.6	11.7	49.3	74.0	-24.7	Peak	Vertical
*	8888.0	37.7	12.7	50.4	68.2	-17.8	Peak	Vertical
*	10248.0	36.6	15.5	52.1	68.2	-16.1	Peak	Vertical

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

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

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

Product	Mobile Computer	Test Engineer	Buter Shi
Test Site	AC1	Test Date	2020/07/08
Test Mode	MIMO Mode - 802.11ac-VHT20	Test Channel	64
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7468.5	35.8	10.9	46.7	74.0	-27.3	Peak	Horizontal
	8165.5	36.7	11.5	48.2	74.0	-25.8	Peak	Horizontal
*	8769.0	36.3	12.9	49.2	68.2	-19.0	Peak	Horizontal
*	9721.0	35.5	15.1	50.6	68.2	-17.6	Peak	Horizontal
	7477.0	38.1	10.8	48.9	74.0	-25.1	Peak	Vertical
	8089.0	37.2	11.8	49.0	74.0	-25.0	Peak	Vertical
*	8879.5	37.1	12.8	49.9	68.2	-18.3	Peak	Vertical
*	9933.5	36.4	15.0	51.4	68.2	-16.8	Peak	Vertical

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

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

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

Product	Mobile Computer	Test Engineer	Buter Shi
Test Site	AC1	Test Date	2020/07/08
Test Mode	MIMO Mode - 802.11ac-VHT20	Test Channel	100
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7630.0	37.5	10.5	48.0	74.0	-26.0	Peak	Horizontal
	8165.5	37.1	11.5	48.6	74.0	-25.4	Peak	Horizontal
*	8726.5	37.2	12.8	50.0	68.2	-18.2	Peak	Horizontal
*	10129.0	35.3	15.8	51.1	68.2	-17.1	Peak	Horizontal
	7443.0	37.6	11.0	48.6	74.0	-25.4	Peak	Vertical
	8199.5	36.5	11.4	47.9	74.0	-26.1	Peak	Vertical
*	8862.5	36.3	12.9	49.2	68.2	-19.0	Peak	Vertical
*	10035.5	35.9	15.4	51.3	68.2	-16.9	Average	Vertical
	7630.0	37.5	10.5	48.0	74.0	-26.0	Peak	Vertical

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

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

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

Product	Mobile Computer	Test Engineer	Buter Shi
Test Site	AC1	Test Date	2020/07/08
Test Mode	MIMO Mode - 802.11ac-VHT20	Test Channel	116
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
	7536.5	37.6	10.8	48.4	74.0	-25.6	Peak	Horizontal
	8259.0	37.7	11.5	49.2	74.0	-24.8	Peak	Horizontal
*	8803.0	37.1	13.0	50.1	68.2	-18.1	Peak	Horizontal
*	9704.0	35.7	14.7	50.4	68.2	-17.8	Peak	Horizontal
	7511.0	37.2	10.9	48.1	74.0	-25.9	Peak	Vertical
	8199.5	37.0	11.4	48.4	74.0	-25.6	Peak	Vertical
*	8769.0	36.7	12.9	49.6	68.2	-18.6	Peak	Vertical
*	9925.0	37.0	15.1	52.1	68.2	-16.1	Peak	Vertical

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

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

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

Product	Mobile Computer	Test Engineer	Buter Shi
Test Site	AC1	Test Date	2020/07/08
Test Mode	MIMO Mode - 802.11ac-VHT20	Test Channel	140
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7502.5	36.5	10.8	47.3	74.0	-26.7	Peak	Horizontal
	8165.5	35.9	11.5	47.4	74.0	-26.6	Peak	Horizontal
*	8735.0	36.0	12.7	48.7	68.2	-19.5	Peak	Horizontal
*	9814.5	34.1	15.3	49.4	68.2	-18.8	Peak	Horizontal
	7383.5	37.4	10.8	48.2	74.0	-25.8	Peak	Vertical
	8182.5	37.2	11.4	48.6	74.0	-25.4	Peak	Vertical
*	8896.5	36.9	12.9	49.8	68.2	-18.4	Peak	Vertical
*	9653.0	35.6	14.2	49.8	68.2	-18.4	Peak	Vertical

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

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

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

Product	Mobile Computer	Test Engineer	Buter Shi
Test Site	AC1	Test Date	2020/07/08
Test Mode	MIMO Mode - 802.11ac-VHT20	Test Channel	144
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7494.0	37.3	10.8	48.1	74.0	-25.9	Peak	Horizontal
	8352.5	35.6	11.2	46.8	74.0	-27.2	Peak	Horizontal
*	8633.0	35.8	12.2	48.0	68.2	-20.2	Peak	Horizontal
*	10231.0	35.9	15.7	51.6	68.2	-16.6	Peak	Horizontal
	7528.0	38.3	10.9	49.2	74.0	-24.8	Peak	Vertical
	8063.5	38.6	11.5	50.1	74.0	-23.9	Peak	Vertical
*	8701.0	36.1	13.0	49.1	68.2	-19.1	Peak	Vertical
*	9678.5	36.4	14.6	51.0	68.2	-17.2	Peak	Vertical

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

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

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

Product	Mobile Computer	Test Engineer	Buter Shi
Test Site	AC1	Test Date	2020/07/08
Test Mode	MIMO Mode - 802.11ac-VHT20	Test Channel	149
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7460.0	37.2	11.0	48.2	74.0	-25.8	Peak	Horizontal
	8403.5	37.4	11.4	48.8	74.0	-25.2	Peak	Horizontal
*	8692.5	35.4	13.1	48.5	68.2	-19.7	Peak	Horizontal
*	9908.0	35.1	15.2	50.3	68.2	-17.9	Peak	Horizontal
	7536.5	37.6	10.8	48.4	74.0	-25.6	Peak	Vertical
	8165.5	37.1	11.5	48.6	74.0	-25.4	Peak	Vertical
*	8650.0	36.3	12.9	49.2	68.2	-19.0	Peak	Vertical
*	9857.0	35.4	15.4	50.8	68.2	-17.4	Peak	Vertical

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

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

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

Product	Mobile Computer	Test Engineer	Buter Shi
Test Site	AC1	Test Date	2020/07/08
Test Mode	MIMO Mode - 802.11ac-VHT20	Test Channel	157
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7579.0	37.5	10.7	48.2	74.0	-25.8	Peak	Horizontal
	8208.0	38.1	11.4	49.5	74.0	-24.5	Peak	Horizontal
*	8701.0	37.9	13.0	50.9	68.2	-17.3	Peak	Horizontal
*	10120.5	35.2	15.6	50.8	68.2	-17.4	Peak	Horizontal
	7672.5	36.4	10.7	47.1	74.0	-26.9	Peak	Vertical
	8259.0	37.6	11.5	49.1	74.0	-24.9	Peak	Vertical
*	8675.5	36.4	12.6	49.0	68.2	-19.2	Peak	Vertical
*	10052.5	34.3	15.0	49.3	68.2	-18.9	Peak	Vertical

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

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

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

Product	Mobile Computer	Test Engineer	Buter Shi
Test Site	AC1	Test Date	2020/07/08
Test Mode	MIMO Mode - 802.11ac-VHT20	Test Channel	165
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7375.0	37.3	10.8	48.1	74.0	-25.9	Peak	Horizontal
	8463.0	37.0	11.4	48.4	74.0	-25.6	Peak	Horizontal
*	8973.0	35.2	13.0	48.2	68.2	-20.0	Peak	Horizontal
*	9814.5	34.8	15.3	50.1	68.2	-18.1	Peak	Horizontal
	7698.0	37.2	10.8	48.0	74.0	-26.0	Peak	Vertical
	8242.0	37.9	11.2	49.1	74.0	-24.9	Peak	Vertical
*	8769.0	35.7	12.9	48.6	68.2	-19.6	Peak	Vertical
*	9729.5	35.3	15.1	50.4	68.2	-17.8	Peak	Vertical

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

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

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

Product	Mobile Computer	Test Engineer	Buter Shi
Test Site	AC1	Test Date	2020/07/08
Test Mode	MIMO Mode - 802.11ac-VHT40	Test Channel	38
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7613.0	37.7	10.7	48.4	74.0	-25.6	Peak	Horizontal
	8225.0	37.0	11.4	48.4	74.0	-25.6	Peak	Horizontal
*	8658.5	35.6	12.8	48.4	68.2	-19.8	Peak	Horizontal
*	9772.0	34.9	15.2	50.1	68.2	-18.1	Peak	Horizontal
	7468.5	36.9	10.9	47.8	74.0	-26.2	Peak	Vertical
	8174.0	36.9	11.4	48.3	74.0	-25.7	Peak	Vertical
*	8854.0	36.6	12.8	49.4	68.2	-18.8	Peak	Vertical
*	9653.0	34.6	14.2	48.8	68.2	-19.4	Peak	Vertical

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

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

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

Product	Mobile Computer	Test Engineer	Buter Shi
Test Site	AC1	Test Date	2020/07/08
Test Mode	MIMO Mode - 802.11ac-VHT40	Test Channel	46
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7383.5	37.0	10.8	47.8	74.0	-26.2	Peak	Horizontal
	8165.5	37.0	11.5	48.5	74.0	-25.5	Peak	Horizontal
*	8752.0	36.1	12.9	49.0	68.2	-19.2	Peak	Horizontal
*	9857.0	35.5	15.4	50.9	68.2	-17.3	Peak	Horizontal
	7485.5	37.8	10.8	48.6	74.0	-25.4	Peak	Vertical
	8199.5	37.0	11.4	48.4	74.0	-25.6	Peak	Vertical
*	8777.5	35.9	12.8	48.7	68.2	-19.5	Peak	Vertical
*	10163.0	34.7	15.2	49.9	68.2	-18.3	Peak	Vertical

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

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

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

Product	Mobile Computer	Test Engineer	Buter Shi
Test Site	AC1	Test Date	2020/07/08
Test Mode	MIMO Mode - 802.11ac-VHT40	Test Channel	54
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7477.0	36.6	10.8	47.4	74.0	-26.6	Peak	Horizontal
	8131.5	36.5	11.4	47.9	74.0	-26.1	Peak	Horizontal
*	8709.5	36.2	12.9	49.1	68.2	-19.1	Peak	Horizontal
*	9593.5	35.3	14.7	50.0	68.2	-18.2	Peak	Horizontal
	7706.5	37.0	10.6	47.6	74.0	-26.4	Peak	Vertical
	8165.5	37.2	11.5	48.7	74.0	-25.3	Peak	Vertical
*	8735.0	35.1	12.7	47.8	68.2	-20.4	Peak	Vertical
*	9942.0	34.8	15.0	49.8	68.2	-18.4	Peak	Vertical

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

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

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

Product	Mobile Computer	Test Engineer	Buter Shi
Test Site	AC1	Test Date	2020/07/08
Test Mode	MIMO Mode - 802.11ac-VHT40	Test Channel	62
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7587.5	37.5	10.7	48.2	74.0	-25.8	Peak	Horizontal
	8412.0	35.8	11.3	47.1	74.0	-26.9	Peak	Horizontal
*	8896.5	35.4	12.9	48.3	68.2	-19.9	Peak	Horizontal
*	10112.0	35.5	15.3	50.8	68.2	-17.4	Peak	Horizontal
	7706.5	37.9	10.6	48.5	74.0	-25.5	Peak	Vertical
	8174.0	37.6	11.4	49.0	74.0	-25.0	Peak	Vertical
*	8905.0	37.2	13.1	50.3	68.2	-17.9	Peak	Vertical
*	10027.0	35.9	15.3	51.2	68.2	-17.0	Peak	Vertical

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

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

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

Product	Mobile Computer	Test Engineer	Buter Shi
Test Site	AC1	Test Date	2020/07/08
Test Mode	MIMO Mode - 802.11ac-VHT40	Test Channel	102
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7349.5	36.8	10.9	47.7	74.0	-26.3	Peak	Horizontal
	8089.0	35.8	11.8	47.6	74.0	-26.4	Peak	Horizontal
*	8735.0	36.6	12.7	49.3	68.2	-18.9	Peak	Horizontal
*	9908.0	34.8	15.2	50.0	68.2	-18.2	Peak	Horizontal
	7375.0	36.9	10.8	47.7	74.0	-26.3	Peak	Vertical
	8080.5	38.0	11.6	49.6	74.0	-24.4	Peak	Vertical
*	8752.0	36.7	12.9	49.6	68.2	-18.6	Peak	Vertical
*	9848.5	35.3	15.4	50.7	68.2	-17.5	Peak	Vertical

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

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

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

Product	Mobile Computer	Test Engineer	Buter Shi
Test Site	AC1	Test Date	2020/07/08
Test Mode	MIMO Mode - 802.11ac-VHT40	Test Channel	110
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7485.5	37.0	10.8	47.8	74.0	-26.2	Peak	Horizontal
	8131.5	36.1	11.4	47.5	74.0	-26.5	Peak	Horizontal
*	8735.0	35.4	12.7	48.1	68.2	-20.1	Peak	Horizontal
*	9993.0	35.2	15.1	50.3	68.2	-17.9	Peak	Horizontal
	7604.5	36.7	10.8	47.5	74.0	-26.5	Peak	Vertical
	8259.0	36.6	11.5	48.1	74.0	-25.9	Peak	Vertical
*	8879.5	35.8	12.8	48.6	68.2	-19.6	Peak	Vertical
*	9899.5	35.7	15.1	50.8	68.2	-17.4	Peak	Vertical

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

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

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

Product	Mobile Computer	Test Engineer	Buter Shi
Test Site	AC1	Test Date	2020/07/08
Test Mode	MIMO Mode - 802.11ac-VHT40	Test Channel	134
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7358.0	36.7	11.0	47.7	74.0	-26.3	Peak	Horizontal
	8191.0	38.2	11.4	49.6	74.0	-24.4	Peak	Horizontal
*	8820.0	36.3	13.2	49.5	68.2	-18.7	Peak	Horizontal
*	9891.0	35.9	15.2	51.1	68.2	-17.1	Peak	Horizontal
	7519.5	37.4	10.9	48.3	74.0	-25.7	Peak	Vertical
	8208.0	37.2	11.4	48.6	74.0	-25.4	Peak	Vertical
*	8658.5	36.4	12.8	49.2	68.2	-19.0	Peak	Vertical
*	10146.0	35.8	15.4	51.2	68.2	-17.0	Peak	Vertical

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

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

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

Product	Mobile Computer	Test Engineer	Buter Shi
Test Site	AC1	Test Date	2020/07/08
Test Mode	MIMO Mode - 802.11ac-VHT40	Test Channel	142
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7689.5	37.1	10.8	47.9	74.0	-26.1	Peak	Horizontal
	8165.5	38.7	11.5	50.2	74.0	-23.8	Peak	Horizontal
*	8845.5	37.0	12.7	49.7	68.2	-18.5	Peak	Horizontal
*	9865.5	34.2	15.5	49.7	68.2	-18.5	Peak	Horizontal
	7519.5	36.8	10.9	47.7	74.0	-26.3	Peak	Vertical
	8131.5	37.2	11.4	48.6	74.0	-25.4	Peak	Vertical
*	8964.5	36.3	12.9	49.2	68.2	-19.0	Peak	Vertical
*	9704.0	35.8	14.7	50.5	68.2	-17.7	Peak	Vertical

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

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

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

Product	Mobile Computer	Test Engineer	Buter Shi
Test Site	AC1	Test Date	2020/07/08
Test Mode	MIMO Mode - 802.11ac-VHT40	Test Channel	151
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7570.5	37.3	10.8	48.1	74.0	-25.9	Peak	Horizontal
	8089.0	36.7	11.8	48.5	74.0	-25.5	Peak	Horizontal
*	8701.0	35.3	13.0	48.3	68.2	-19.9	Peak	Horizontal
*	9857.0	34.4	15.4	49.8	68.2	-18.4	Peak	Horizontal
	7638.5	35.6	10.5	46.1	74.0	-27.9	Peak	Vertical
	8114.5	38.4	11.6	50.0	74.0	-24.0	Peak	Vertical
*	8998.5	36.1	13.1	49.2	68.2	-19.0	Peak	Vertical
*	9721.0	35.3	15.1	50.4	68.2	-17.8	Peak	Vertical

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

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

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

Product	Mobile Computer	Test Engineer	Buter Shi
Test Site	AC1	Test Date	2020/07/08
Test Mode	MIMO Mode - 802.11ac-VHT40	Test Channel	159
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7698.0	37.4	10.8	48.2	74.0	-25.8	Peak	Horizontal
	8182.5	36.3	11.4	47.7	74.0	-26.3	Peak	Horizontal
*	8752.0	35.7	12.9	48.6	68.2	-19.6	Peak	Horizontal
*	9908.0	35.3	15.2	50.5	68.2	-17.7	Peak	Horizontal
	7434.5	36.8	10.9	47.7	74.0	-26.3	Peak	Vertical
	8165.5	37.0	11.5	48.5	74.0	-25.5	Peak	Vertical
*	8667.0	37.3	12.5	49.8	68.2	-18.4	Peak	Vertical
*	9882.5	36.0	15.4	51.4	68.2	-16.8	Peak	Vertical

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

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

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

Product	Mobile Computer	Test Engineer	Buter Shi
Test Site	AC1	Test Date	2020/07/08
Test Mode	MIMO Mode - 802.11ac-VHT80	Test Channel	42
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7638.5	37.6	10.5	48.1	74.0	-25.9	Peak	Horizontal
	8165.5	36.0	11.5	47.5	74.0	-26.5	Peak	Horizontal
*	8769.0	36.2	12.9	49.1	68.2	-19.1	Peak	Horizontal
*	9942.0	34.4	15.0	49.4	68.2	-18.8	Peak	Horizontal
	7443.0	36.9	11.0	47.9	74.0	-26.1	Peak	Vertical
	8310.0	37.0	11.2	48.2	74.0	-25.8	Peak	Vertical
*	8701.0	36.8	13.0	49.8	68.2	-18.4	Peak	Vertical
*	9857.0	35.6	15.4	51.0	68.2	-17.2	Peak	Vertical

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

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

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

Product	Mobile Computer	Test Engineer	Buter Shi
Test Site	AC1	Test Date	2020/07/08
Test Mode	MIMO Mode - 802.11ac-VHT80	Test Channel	58
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7536.5	37.4	10.8	48.2	74.0	-25.8	Peak	Horizontal
	8157.0	36.8	11.4	48.2	74.0	-25.8	Peak	Horizontal
*	8811.5	36.3	13.3	49.6	68.2	-18.6	Peak	Horizontal
*	10129.0	35.6	15.8	51.4	68.2	-16.8	Peak	Horizontal
	7392.0	38.3	10.7	49.0	74.0	-25.0	Peak	Vertical
	8182.5	37.2	11.4	48.6	74.0	-25.4	Peak	Vertical
*	8811.5	35.4	13.3	48.7	68.2	-19.5	Peak	Vertical
*	10035.5	34.6	15.4	50.0	68.2	-18.2	Peak	Vertical

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

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

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

Product	Mobile Computer	Test Engineer	Buter Shi
Test Site	AC1	Test Date	2020/07/08
Test Mode	MIMO Mode - 802.11ac-VHT80	Test Channel	106
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7366.5	36.9	10.9	47.8	74.0	-26.2	Peak	Horizontal
	8165.5	35.7	11.5	47.2	74.0	-26.8	Peak	Horizontal
*	8616.0	35.3	12.4	47.7	68.2	-20.5	Peak	Horizontal
*	9789.0	34.4	15.2	49.6	68.2	-18.6	Peak	Horizontal
	7502.5	36.6	10.8	47.4	74.0	-26.6	Peak	Vertical
	8089.0	36.0	11.8	47.8	74.0	-26.2	Peak	Vertical
*	8658.5	35.6	12.8	48.4	68.2	-19.8	Peak	Vertical
*	9746.5	35.2	15.3	50.5	68.2	-17.7	Peak	Vertical

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

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

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

Product	Mobile Computer	Test Engineer	Buter Shi
Test Site	AC1	Test Date	2020/07/08
Test Mode	MIMO Mode - 802.11ac-VHT80	Test Channel	122
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7528.0	37.1	10.9	48.0	74.0	-26.0	Peak	Horizontal
	8420.5	36.6	11.4	48.0	74.0	-26.0	Peak	Horizontal
*	8769.0	35.9	12.9	48.8	68.2	-19.4	Peak	Horizontal
*	10112.0	36.9	15.3	52.2	68.2	-16.0	Peak	Horizontal
	7621.5	37.2	10.6	47.8	74.0	-26.2	Peak	Vertical
	8403.5	36.7	11.4	48.1	74.0	-25.9	Peak	Vertical
*	8752.0	35.8	12.9	48.7	68.2	-19.5	Peak	Vertical
*	9950.5	34.9	15.0	49.9	68.2	-18.3	Peak	Vertical

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

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

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

Product	Mobile Computer	Test Engineer	Buter Shi
Test Site	AC1	Test Date	2020/07/08
Test Mode	MIMO Mode - 802.11ac-VHT80	Test Channel	138
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7536.5	37.2	10.8	48.0	74.0	-26.0	Peak	Horizontal
	8361.0	35.7	11.3	47.0	74.0	-27.0	Peak	Horizontal
*	8854.0	35.5	12.8	48.3	68.2	-19.9	Peak	Horizontal
*	9857.0	33.8	15.4	49.2	68.2	-19.0	Peak	Horizontal
	7477.0	37.0	10.8	47.8	74.0	-26.2	Peak	Vertical
	8225.0	38.4	11.4	49.8	74.0	-24.2	Peak	Vertical
*	8879.5	36.8	12.8	49.6	68.2	-18.6	Peak	Vertical
*	10120.5	35.7	15.6	51.3	68.2	-16.9	Peak	Vertical

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

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

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

Product	Mobile Computer	Test Engineer	Buter Shi
Test Site	AC1	Test Date	2020/07/11
Test Mode	MIMO Mode - 802.11ac-VHT80	Test Channel	155
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7451.5	37.0	11.0	48.0	74.0	-26.0	Peak	Horizontal
	8352.5	37.0	11.2	48.2	74.0	-25.8	Peak	Horizontal
*	8854.0	36.4	12.8	49.2	68.2	-19.0	Peak	Horizontal
*	9942.0	34.7	15.0	49.7	68.2	-18.5	Peak	Horizontal
	7698.0	37.3	10.8	48.1	74.0	-25.9	Peak	Vertical
	8072.0	39.2	11.5	50.7	74.0	-23.3	Peak	Vertical
*	8811.5	36.3	13.3	49.6	68.2	-18.6	Peak	Vertical
*	10350.0	35.3	16.0	51.3	68.2	-16.9	Peak	Vertical

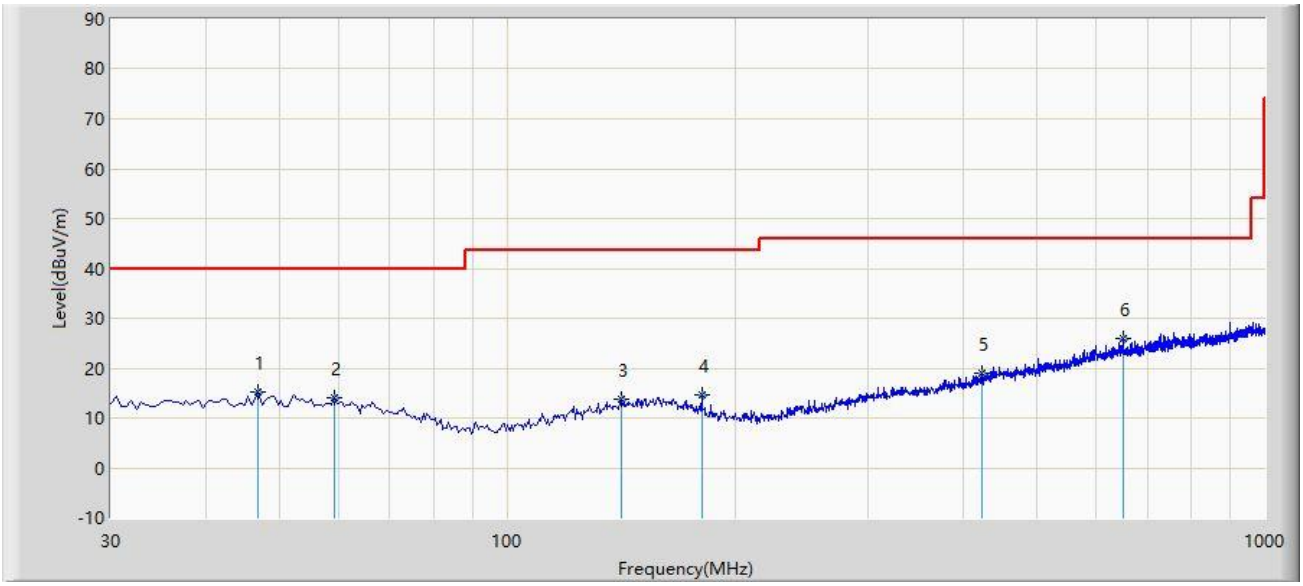
Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

The Rs Case of Radiated Emission below 1GHz:

Site: AC1	Time: 2020/07/11 - 16:05
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: AC1_VULB 9168 _30-1000MHz	Polarity: Horizontal
EUT: Mobile Computer	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5180MHz	



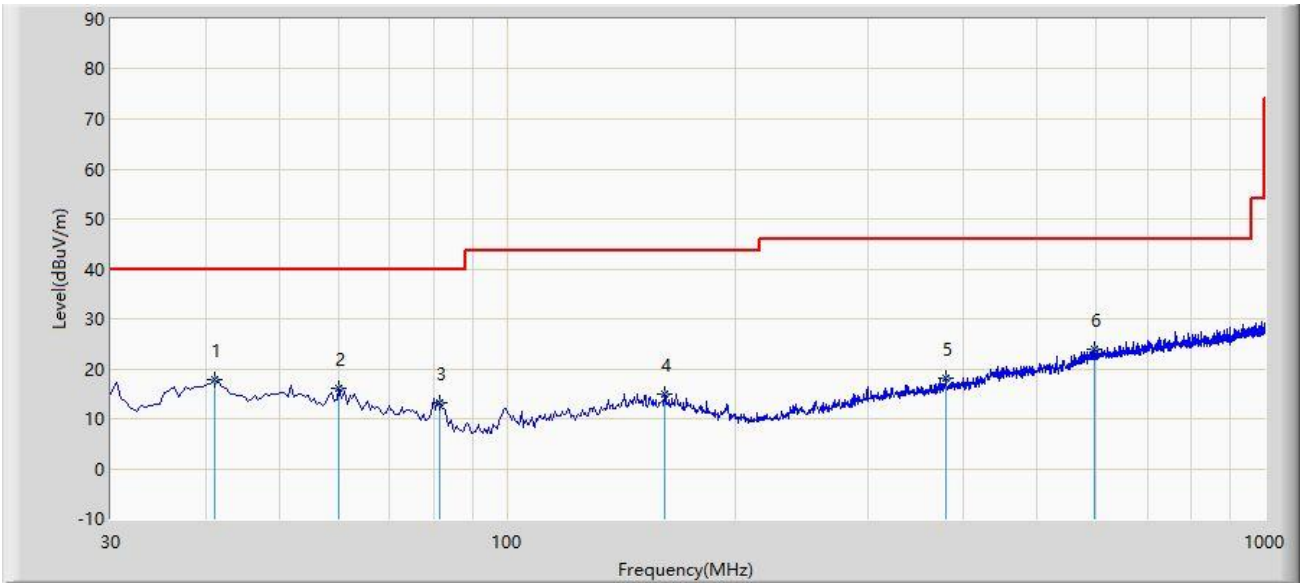
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			46.975	15.131	0.656	-24.869	40.000	14.475	QP
2			59.100	14.078	0.186	-25.922	40.000	13.892	QP
3			141.550	13.766	-0.135	-29.734	43.500	13.901	QP
4			180.835	14.742	1.861	-28.758	43.500	12.881	QP
5			423.335	18.947	1.093	-27.053	46.000	17.854	QP
6		*	650.315	25.947	3.284	-20.053	46.000	22.663	QP

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: AC1	Time: 2020/07/11 - 16:08
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: AC1_VULB 9168 _30-1000MHz	Polarity: Vertical
EUT: Mobile Computer	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5180MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			41.155	17.764	3.767	-22.236	40.000	13.997	QP
2			60.070	16.182	2.292	-23.818	40.000	13.890	QP
3			81.410	13.318	3.701	-26.682	40.000	9.617	QP
4			161.435	14.861	0.376	-28.639	43.500	14.484	QP
5			379.685	18.240	1.392	-27.760	46.000	16.847	QP
6		*	597.450	23.933	2.024	-22.067	46.000	21.909	QP

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.

7.9. Radiated RestrictedBand Edge Measurement

7.9.1.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

7.9.2.Test Procedure Used

KDB 789033 D02v02r01- Section G

7.9.3.Test Setting

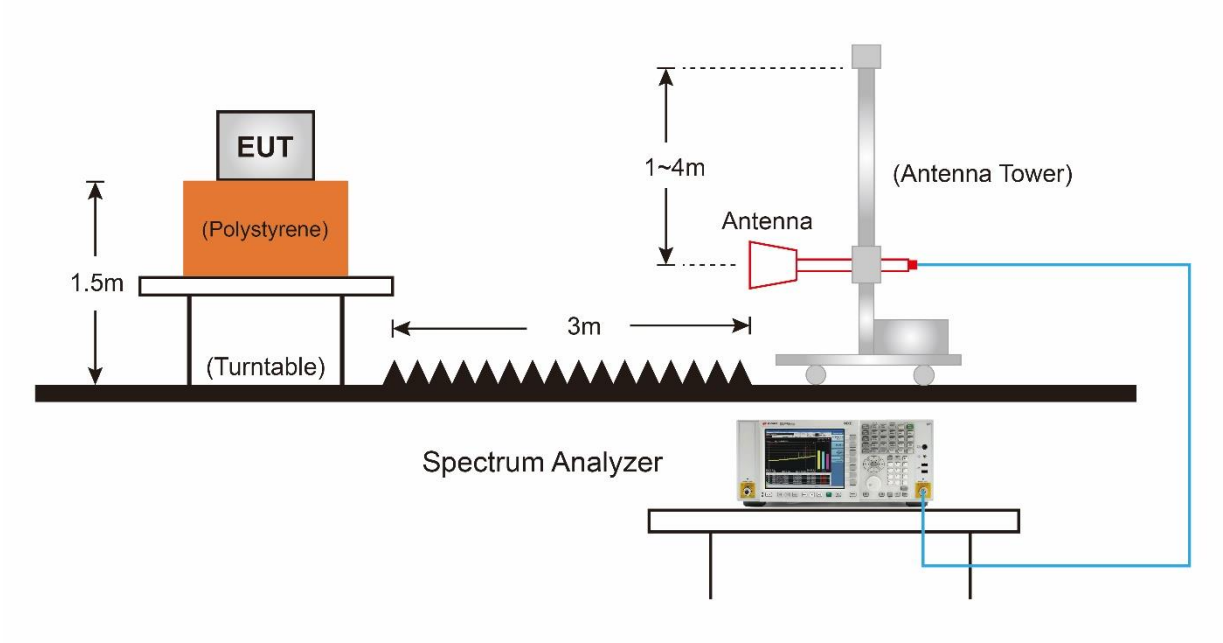
Peak Measurements above 1GHz

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

Average Measurements above 1GHz (Method VB)

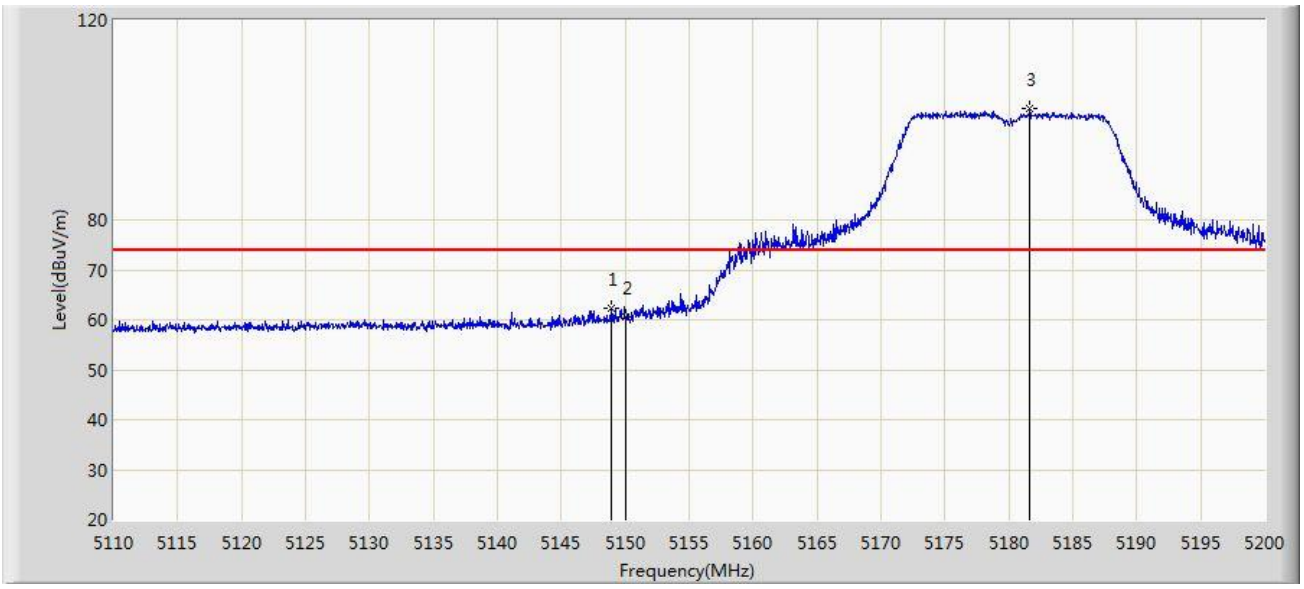
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW; if the EUT is configured to transmit with duty cycle ≥ 98%, set VBW = 10Hz
4. If the EUT duty cycle is < 98%, set VBW ≥ 1/T. T is the minimum transmission duration
5. Detector = Peak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

7.9.4.Test Setup



7.9.5.Test Result

Site: AC1	Time: 2020/07/06 - 20:14
Limit: FCC_Part15.209_RE(3m)	Engineer: Edgar Ma
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Mobile Computer	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5180MHz Ant 0	

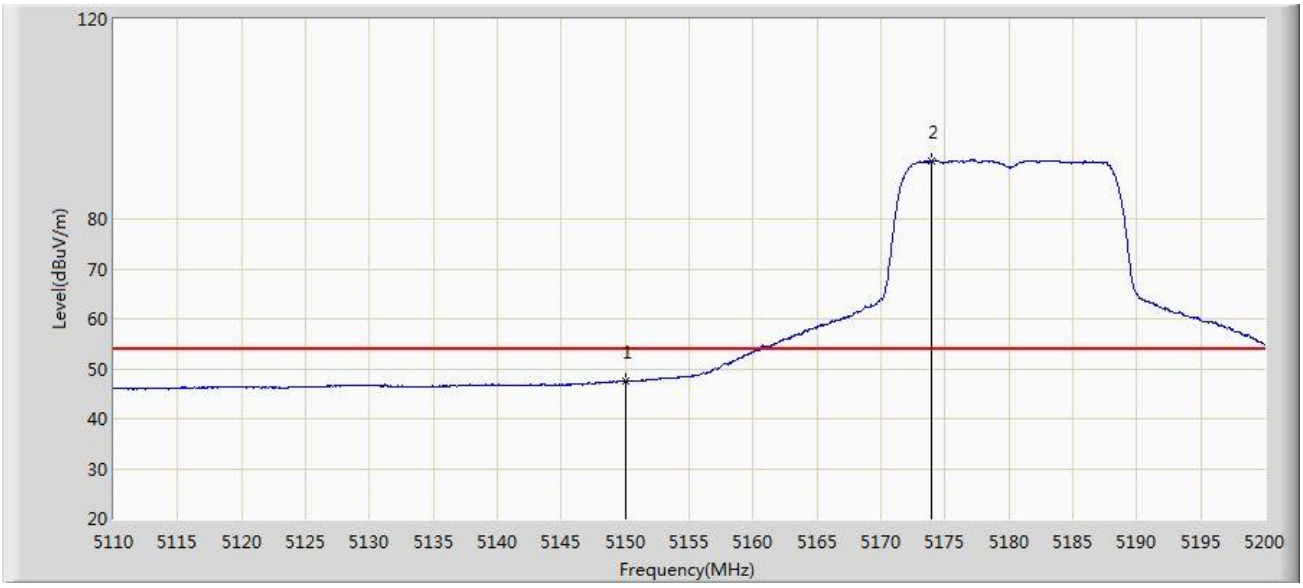


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.880	62.309	55.856	-11.691	74.000	6.454	PK
2			5150.000	60.663	54.211	-13.337	74.000	6.452	PK
3		*	5181.640	102.203	95.677	N/A	N/A	6.526	PK

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

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

Site: AC1	Time: 2020/07/06 - 20:15
Limit: FCC_Part15.209_RE(3m)	Engineer: Edgar Ma
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Mobile Computer	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5180MHz Ant 0	

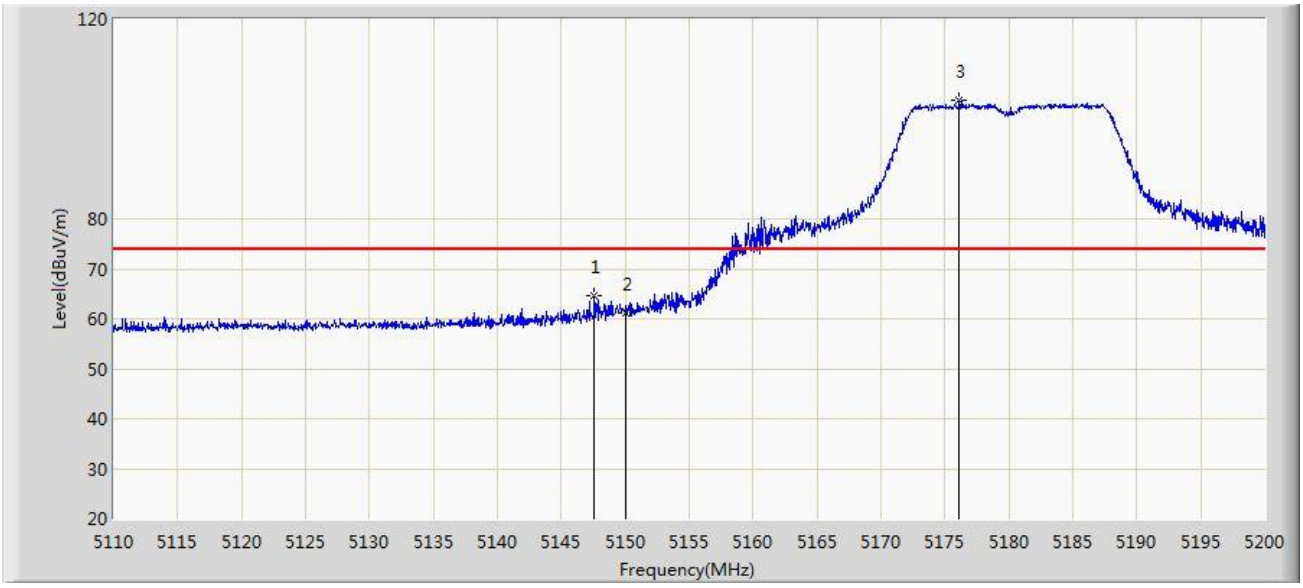


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	47.620	41.168	-6.380	54.000	6.452	AV
2		*	5173.945	91.604	85.130	N/A	N/A	6.474	AV

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

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

Site: AC1	Time: 2020/07/06 - 20:38
Limit: FCC_Part15.209_RE(3m)	Engineer: Edgar Ma
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Mobile Computer	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5180MHz Ant 0	

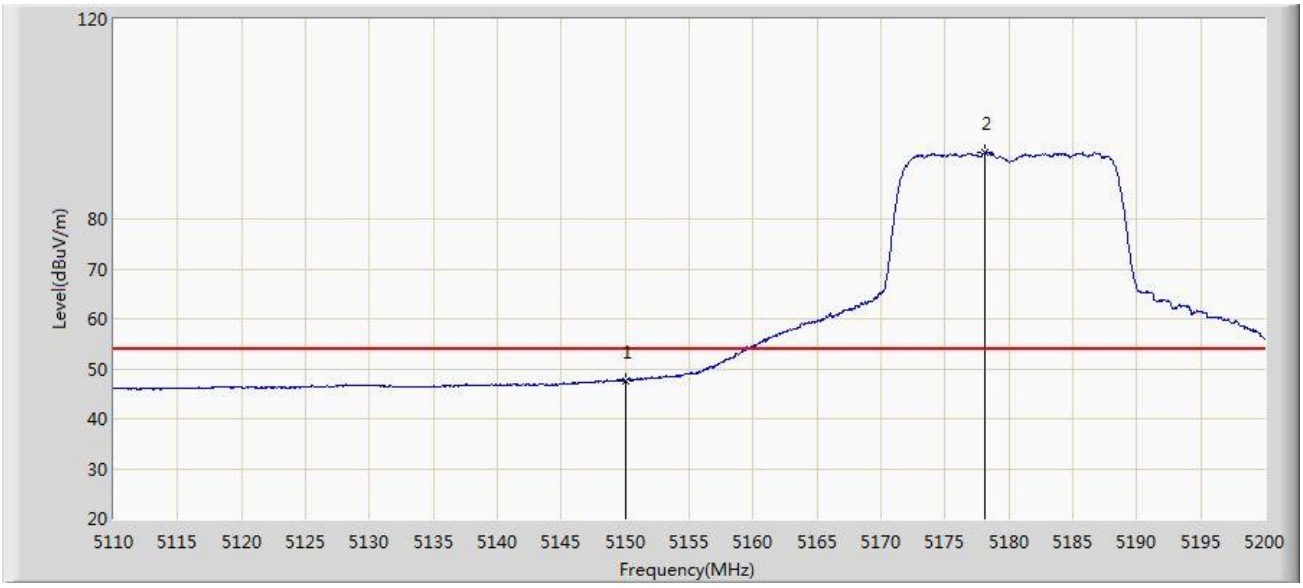


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5147.575	64.780	58.319	-9.220	74.000	6.461	PK
2			5150.000	61.106	54.654	-12.894	74.000	6.452	PK
3		*	5176.105	103.859	97.370	N/A	N/A	6.489	PK

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

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

Site: AC1	Time: 2020/07/06 - 20:40
Limit: FCC_Part15.209_RE(3m)	Engineer: Edgar Ma
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Mobile Computer	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5180MHz Ant 0	

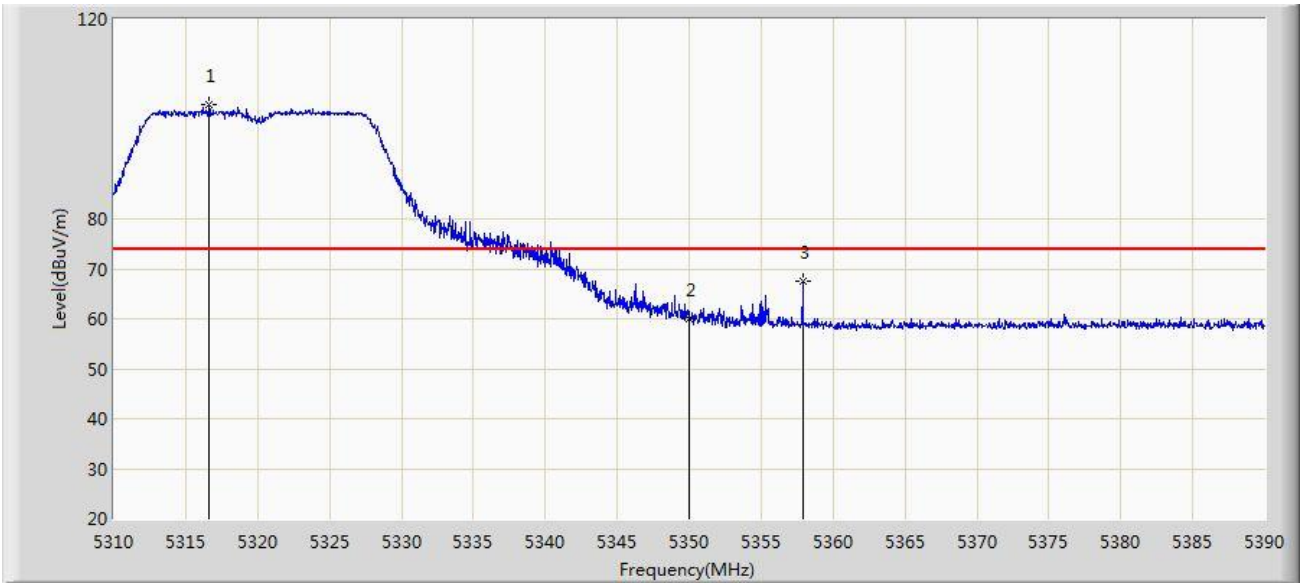


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	47.577	41.125	-6.423	54.000	6.452	AV
2		*	5178.175	93.235	86.732	N/A	N/A	6.503	AV

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

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

Site: AC1	Time: 2020/07/06 - 20:42
Limit: FCC_Part15.209_RE(3m)	Engineer: Edgar Ma
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Mobile Computer	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5320MHz Ant 0	

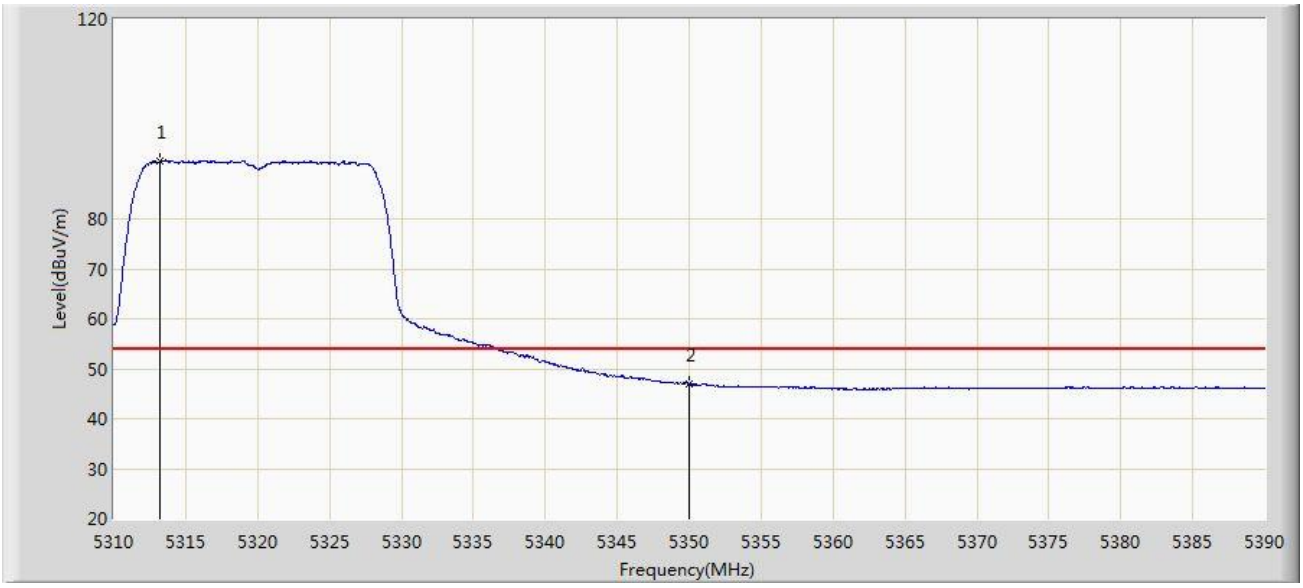


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5316.640	102.815	96.745	N/A	N/A	6.070	PK
2			5350.000	59.935	53.477	-14.065	74.000	6.458	PK
3			5357.920	67.637	61.395	-6.363	74.000	6.241	PK

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

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

Site: AC1	Time: 2020/07/06 - 21:50
Limit: FCC_Part15.209_RE(3m)	Engineer: Edgar Ma
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Mobile Computer	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5320MHz Ant 0	

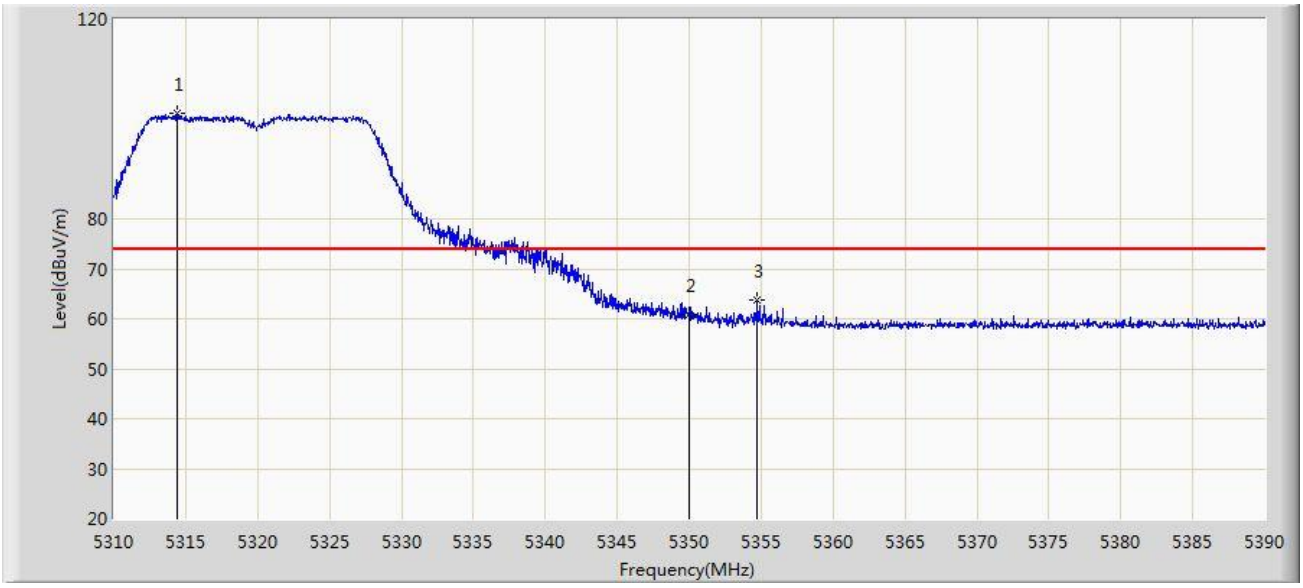


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5313.240	91.625	85.627	N/A	N/A	5.998	AV
2			5350.000	46.876	40.418	-7.124	54.000	6.458	AV

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

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

Site: AC1	Time: 2020/07/06 - 22:09
Limit: FCC_Part15.209_RE(3m)	Engineer: Edgar Ma
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Mobile Computer	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5320MHz Ant 0	

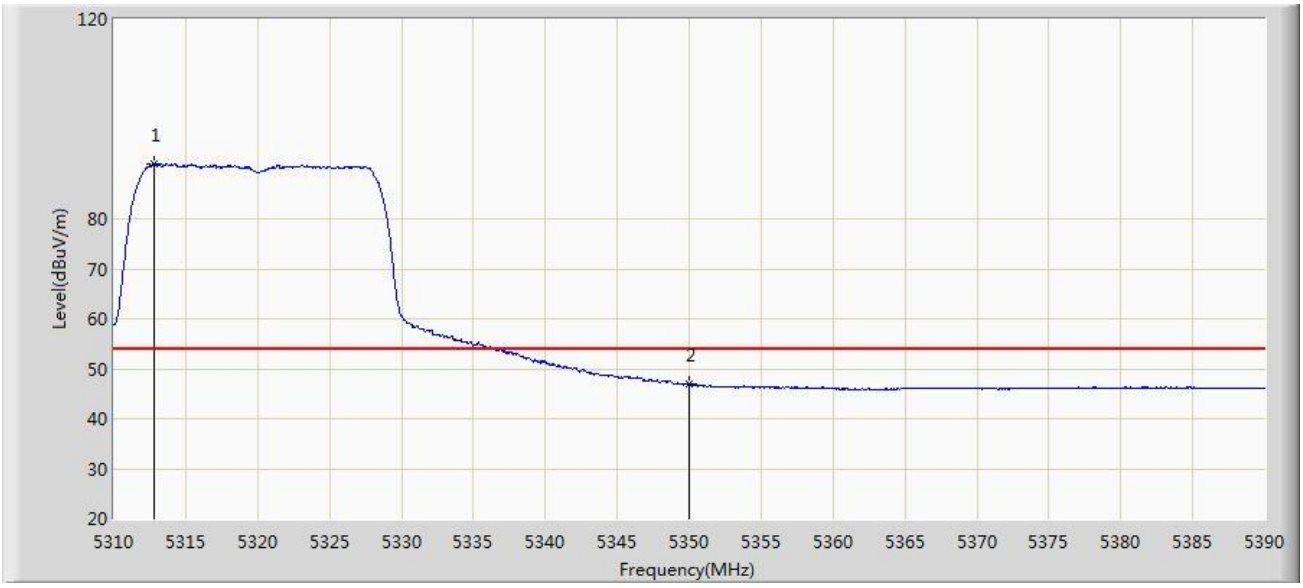


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5314.400	101.187	95.165	N/A	N/A	6.022	PK
2			5350.000	60.991	54.533	-13.009	74.000	6.458	PK
3			5354.760	63.678	57.355	-10.322	74.000	6.324	PK

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

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

Site: AC1	Time: 2020/07/06 - 22:14
Limit: FCC_Part15.209_RE(3m)	Engineer: Edgar Ma
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Mobile Computer	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5320MHz Ant 0	

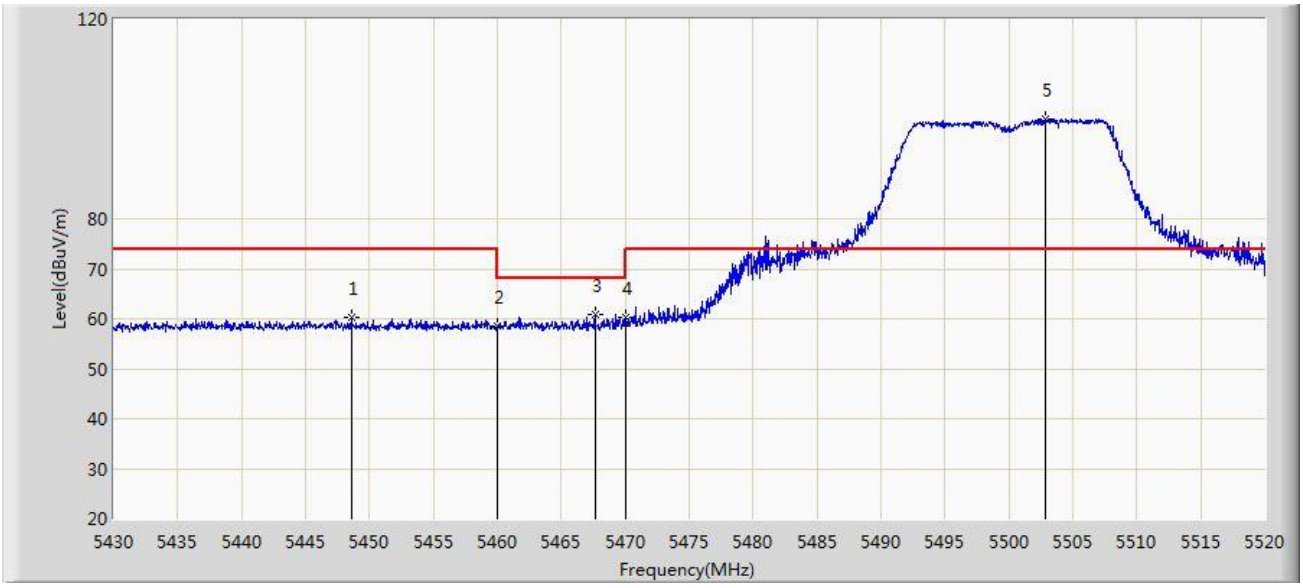


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5312.800	90.973	84.985	N/A	N/A	5.988	AV
2			5350.000	46.837	40.379	-7.163	54.000	6.458	AV

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

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

Site: AC1	Time: 2020/07/06 - 22:17
Limit: FCC_Part15.209_RE(3m)	Engineer: Edgar Ma
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Mobile Computer	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5500MHz Ant 0	

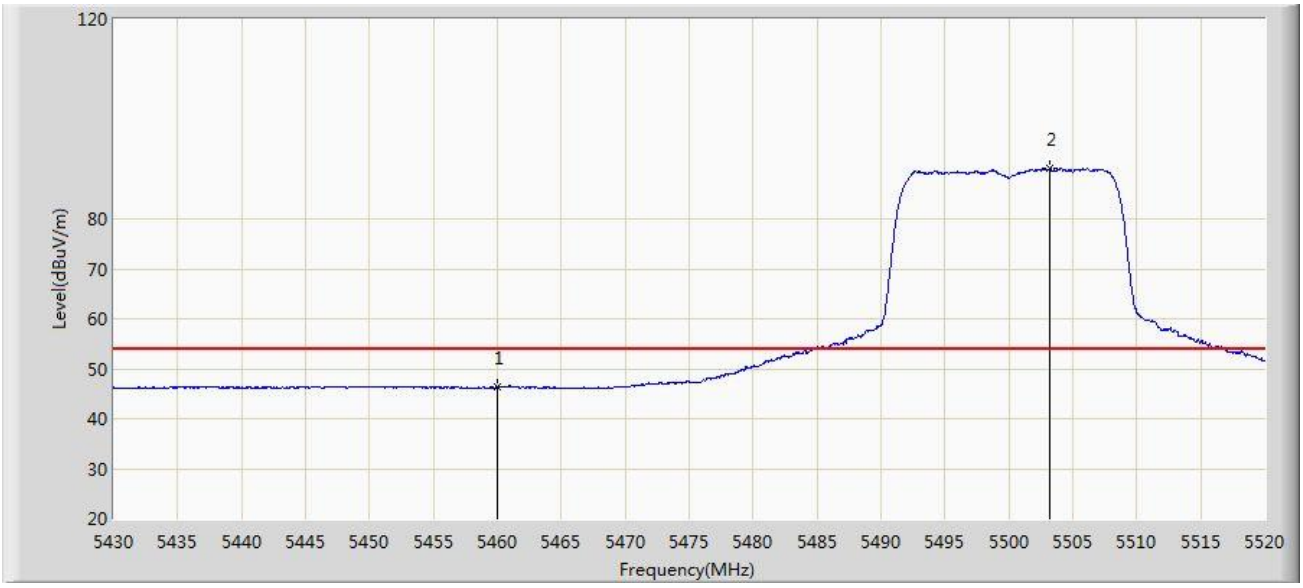


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5448.585	60.217	53.765	-13.783	74.000	6.453	PK
2			5460.000	58.412	51.926	-15.588	74.000	6.486	PK
3			5467.620	60.888	54.372	-7.312	68.200	6.516	PK
4			5470.000	60.281	53.756	-7.919	68.200	6.524	PK
5		*	5502.855	99.976	93.448	N/A	N/A	6.528	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: AC1	Time: 2020/07/06 - 22:19
Limit: FCC_Part15.209_RE(3m)	Engineer: Edgar Ma
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Mobile Computer	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5500MHz Ant 0	

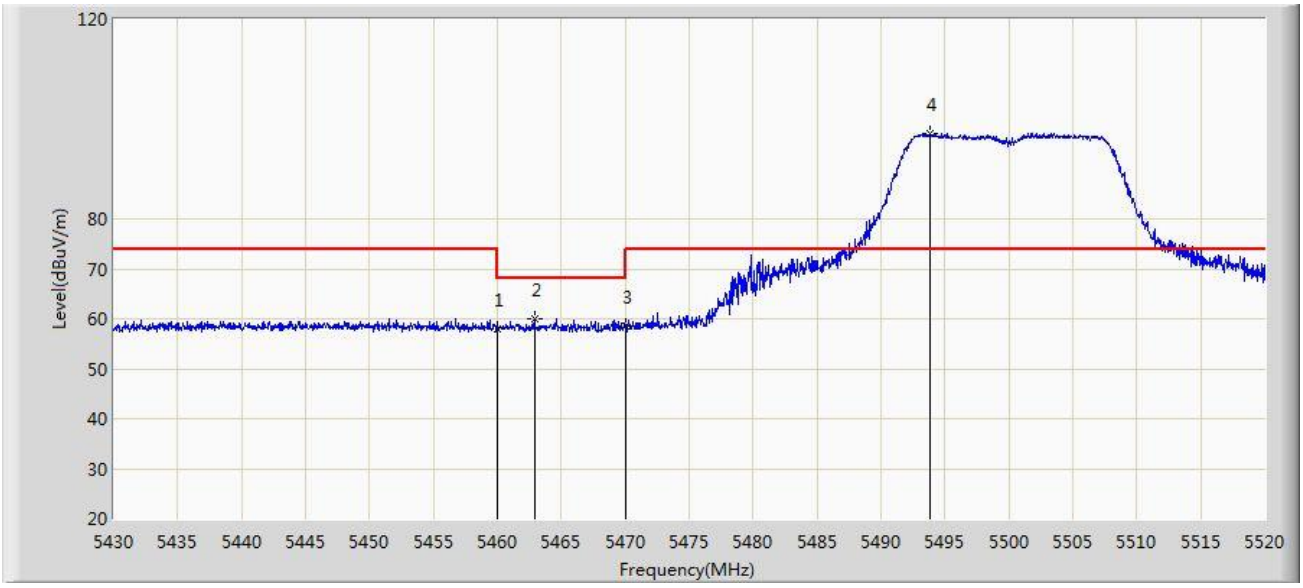


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	46.321	39.835	-7.679	54.000	6.486	AV
2		*	5503.170	90.035	83.506	N/A	N/A	6.529	AV

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

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

Site: AC1	Time: 2020/07/06 - 22:21
Limit: FCC_Part15.209_RE(3m)	Engineer: Edgar Ma
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Mobile Computer	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5500MHz Ant 0	

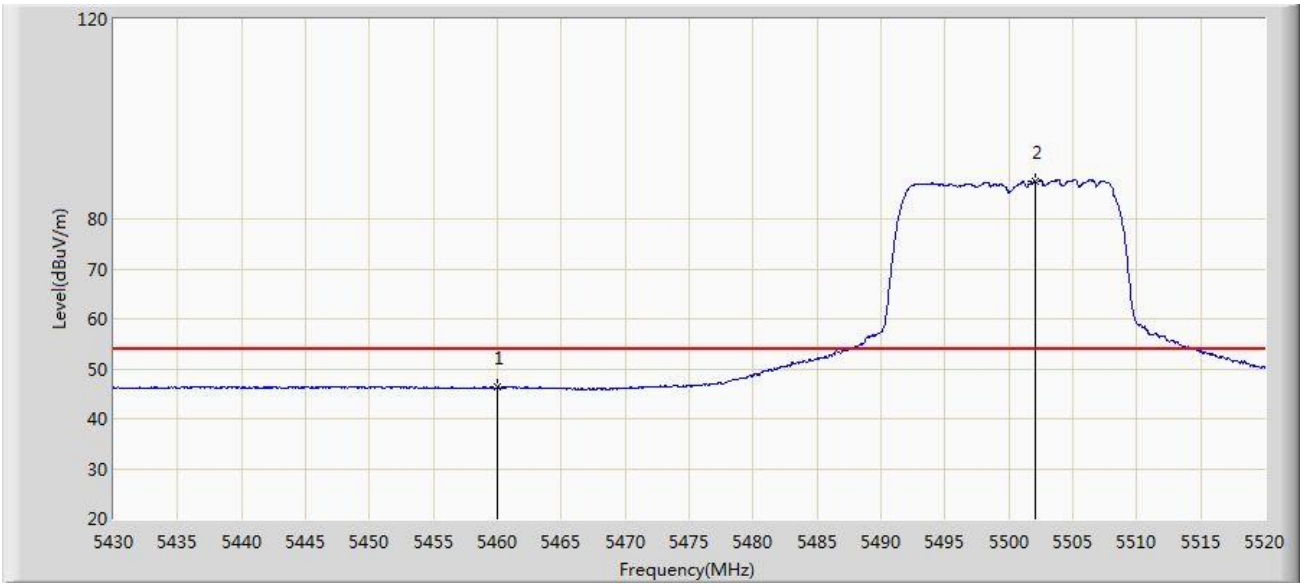


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	58.027	51.541	-15.973	74.000	6.486	PK
2			5462.895	60.048	53.551	-8.152	68.200	6.497	PK
3			5470.000	58.524	51.999	-9.676	68.200	6.524	PK
4		*	5493.810	97.224	90.735	N/A	N/A	6.488	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: AC1	Time: 2020/07/06 - 22:24
Limit: FCC_Part15.209_RE(3m)	Engineer: Edgar Ma
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Mobile Computer	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5500MHz Ant 0	

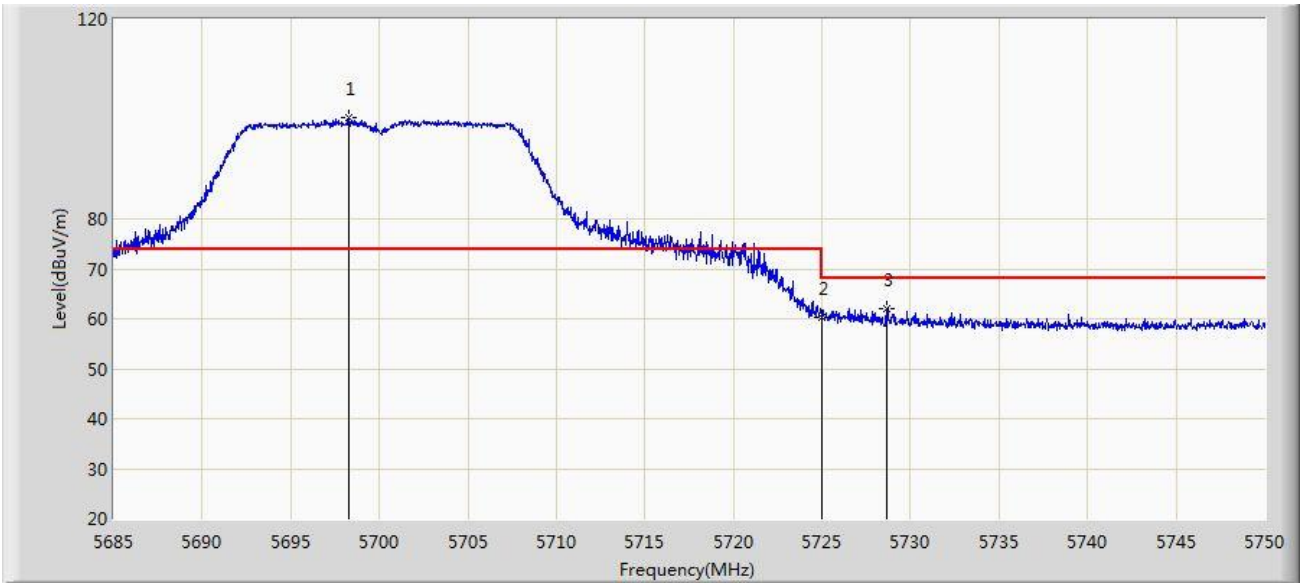


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	46.283	39.797	-7.717	54.000	6.486	AV
2		*	5502.090	87.679	81.155	N/A	N/A	6.524	AV

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

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

Site: AC1	Time: 2020/07/07 - 00:51
Limit: FCC_Part15.209_RE(3m)	Engineer: Edgar Ma
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Mobile Computer	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5700MHz Ant 0	

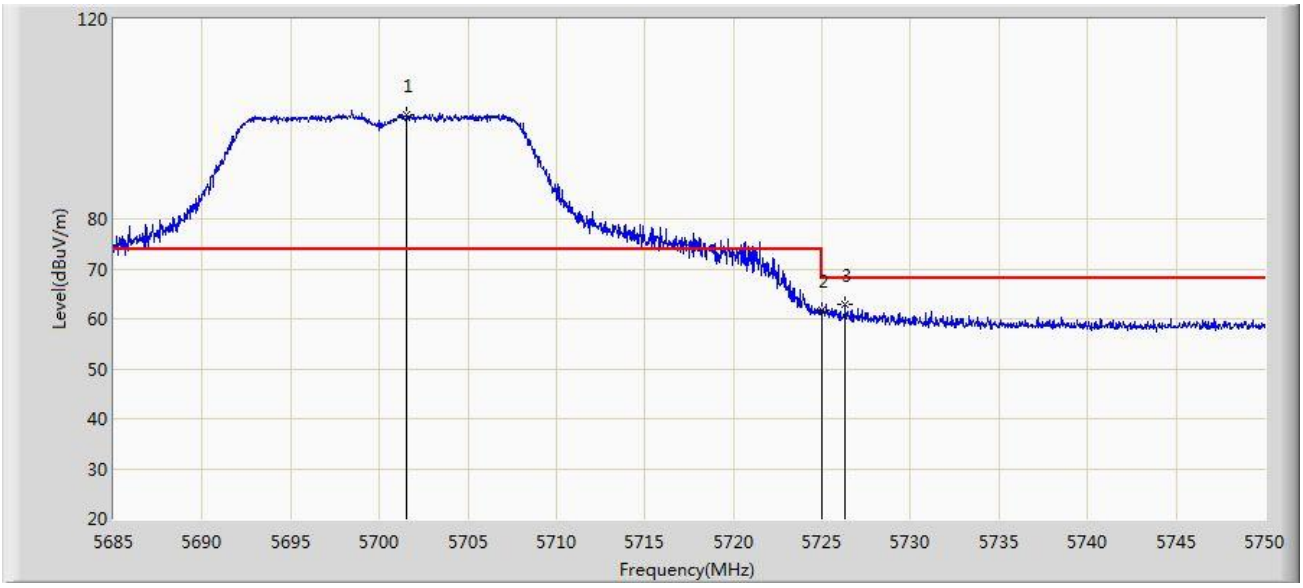


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5698.260	100.370	93.957	N/A	N/A	6.413	PK
2			5725.000	60.324	53.900	-7.876	68.200	6.424	PK
3			5728.647	62.043	55.549	-6.157	68.200	6.494	PK

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

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

Site: AC1	Time: 2020/07/07 - 00:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Edgar Ma
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Mobile Computer	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5700MHz Ant 0	

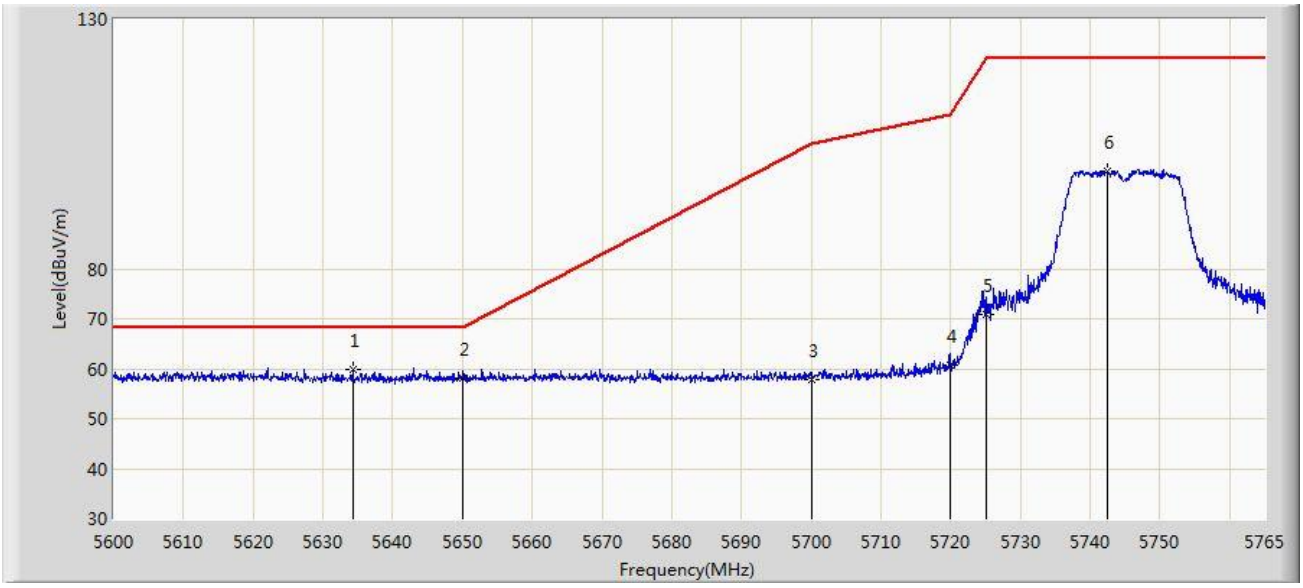


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5701.575	100.957	94.521	N/A	N/A	6.437	PK
2			5725.000	61.770	55.346	-6.430	68.200	6.424	PK
3			5726.308	62.871	56.420	-5.329	68.200	6.451	PK

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

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

Site: AC1	Time: 2020/07/07 - 00:59
Limit: FCC_Part15.407_RE(3m)	Engineer: Edgar Ma
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Mobile Computer	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5745MHz Ant 0	

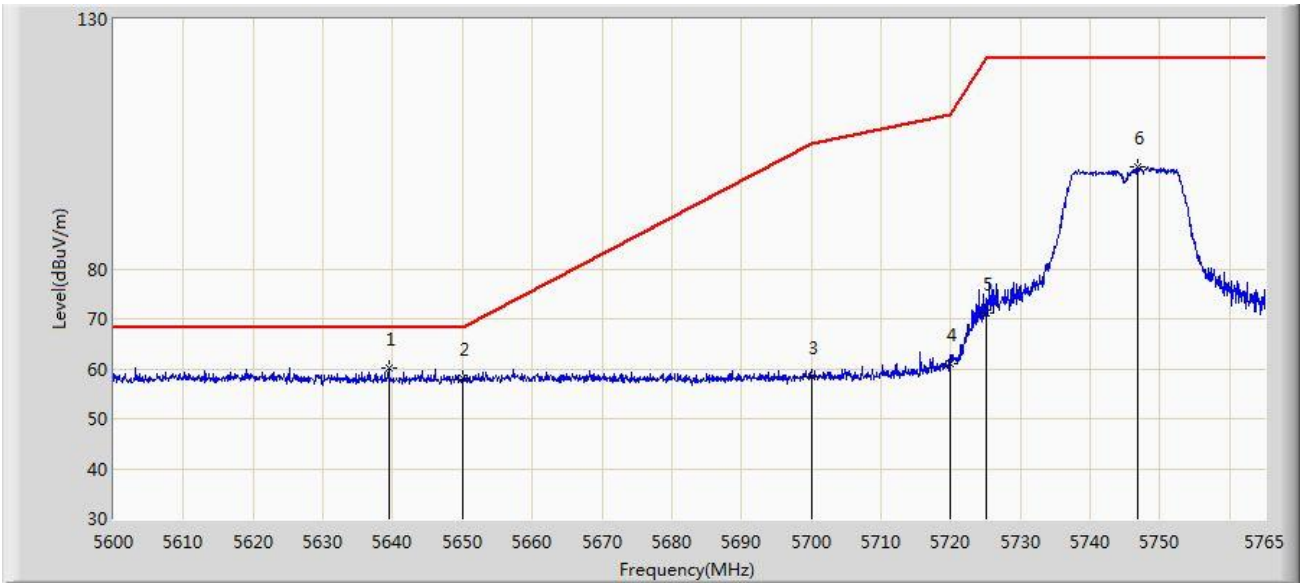


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5634.237	59.874	53.823	-8.326	68.200	6.050	PK
2			5650.000	58.070	51.811	-10.130	68.200	6.258	PK
3			5700.000	57.913	51.488	-47.287	105.200	6.426	PK
4			5720.000	60.639	54.254	-50.161	110.800	6.386	PK
5			5725.000	70.815	64.391	-51.385	122.200	6.424	PK
6			5742.478	99.662	92.917	N/A	N/A	6.745	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: AC1	Time: 2020/07/07 - 01:02
Limit: FCC_Part15.407_RE(3m)	Engineer: Edgar Ma
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Mobile Computer	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5745MHz Ant 0	

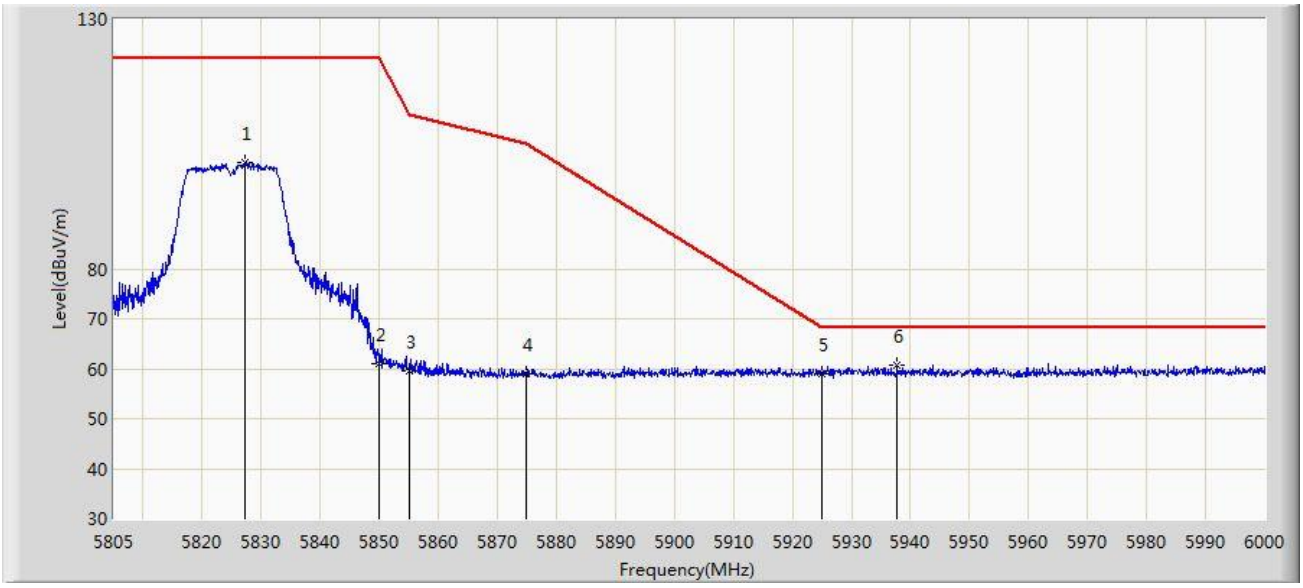


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5639.435	60.284	54.217	-7.916	68.200	6.067	PK
2			5650.000	57.992	51.733	-10.208	68.200	6.258	PK
3			5700.000	58.430	52.005	-46.770	105.200	6.426	PK
4			5720.000	61.091	54.706	-49.709	110.800	6.386	PK
5			5725.000	71.115	64.691	-51.085	122.200	6.424	PK
6			5746.768	100.578	93.801	N/A	N/A	6.776	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: AC1	Time: 2020/07/06 - 22:29
Limit: FCC_Part15.407_RE(3m)	Engineer: Edgar Ma
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Mobile Computer	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5825MHz Ant 0	

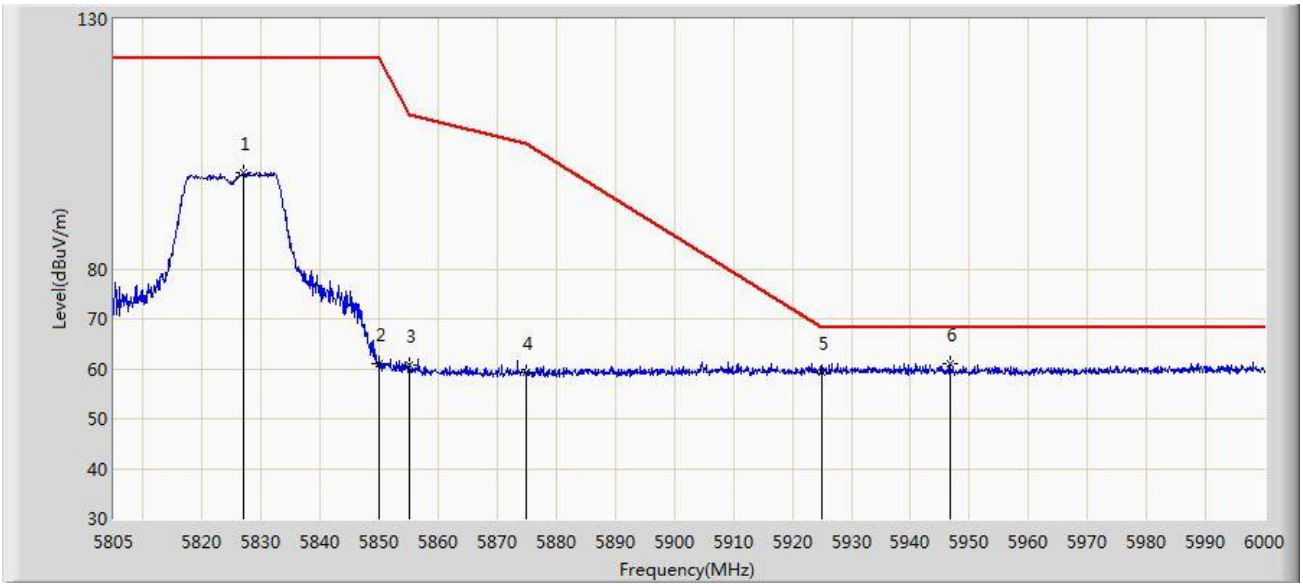


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5827.230	101.306	94.232	N/A	N/A	7.075	PK
2			5850.000	61.045	54.237	-61.155	122.200	6.808	PK
3			5855.000	59.683	52.863	-51.117	110.800	6.820	PK
4			5875.000	59.108	52.190	-46.092	105.200	6.918	PK
5			5925.000	59.100	52.003	-9.100	68.200	7.097	PK
6		*	5937.795	60.651	53.446	-7.549	68.200	7.205	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: AC1	Time: 2020/07/06 - 22:36
Limit: FCC_Part15.407_RE(3m)	Engineer: Edgar Ma
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Mobile Computer	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5825MHz Ant 0	

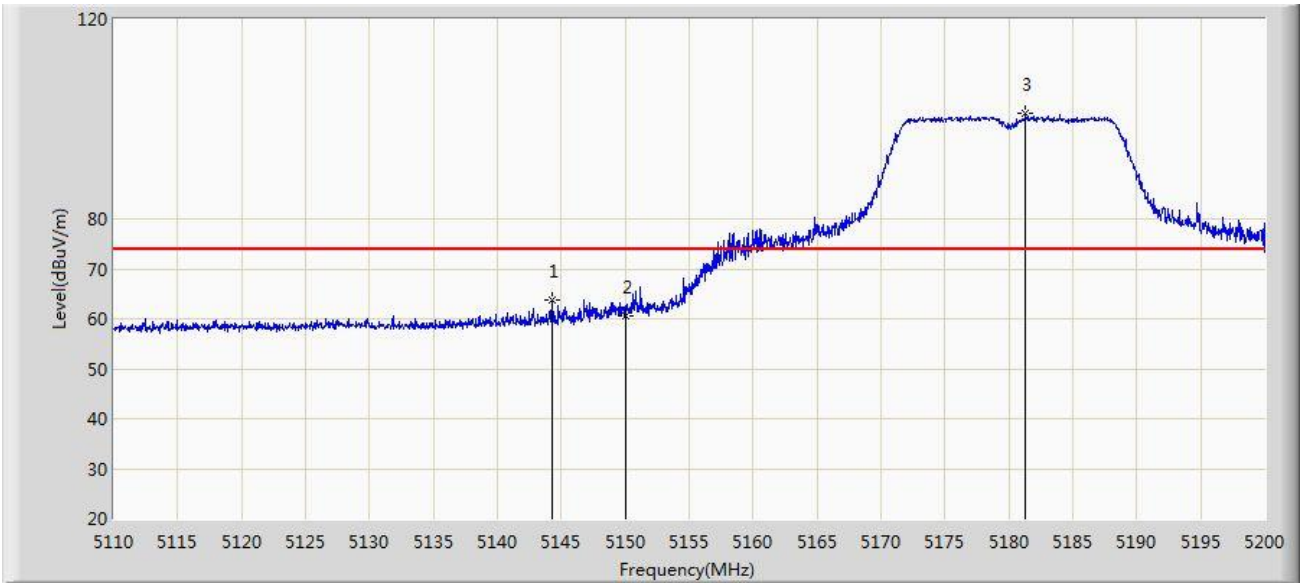


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5826.937	99.409	92.340	N/A	N/A	7.069	PK
2			5850.000	60.943	54.135	-61.257	122.200	6.808	PK
3			5855.000	60.618	53.798	-50.182	110.800	6.820	PK
4			5875.000	59.335	52.417	-45.865	105.200	6.918	PK
5			5925.000	59.275	52.178	-8.925	68.200	7.097	PK
6		*	5946.667	60.940	53.836	-7.260	68.200	7.103	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: AC1	Time: 2020/07/06 - 22:42
Limit: FCC_Part15.209_RE(3m)	Engineer: Edgar Ma
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Mobile Computer	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5180MHz Ant 0	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5144.335	63.909	57.391	-10.091	74.000	6.518	PK
2			5150.000	60.637	54.185	-13.363	74.000	6.452	PK
3		*	5181.280	101.106	94.582	N/A	N/A	6.524	PK

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

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