802.11ac-VHT20 6dB Bandwidth	
Channel 149 (5745MHz)	Channel 157 (5785MHz)
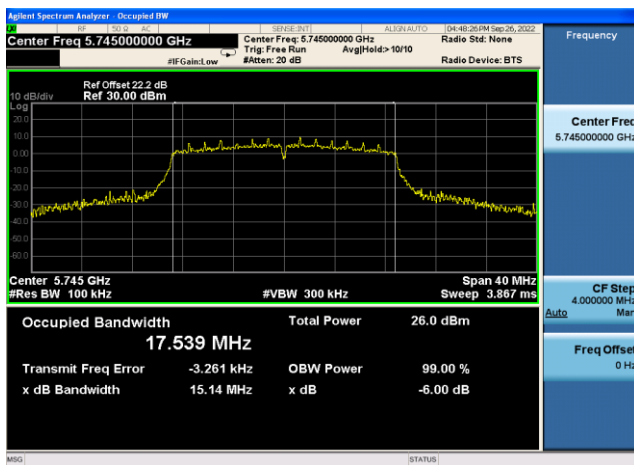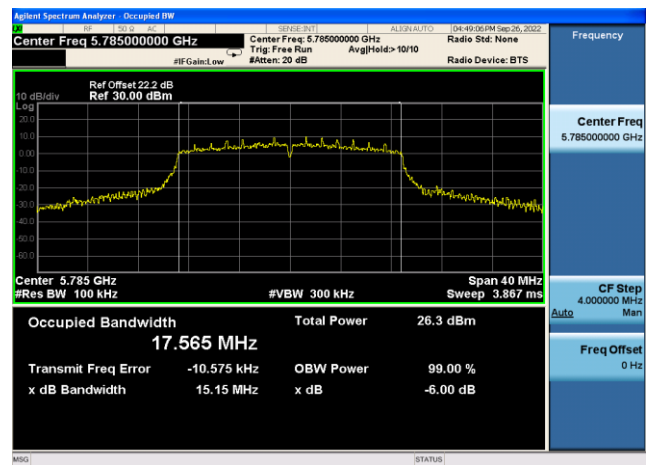
Channel 165 (5825MHz)	

802.11ac-VHT40 6dB Bandwidth	
Channel 151 (5755MHz)	Channel 159 (5795MHz)

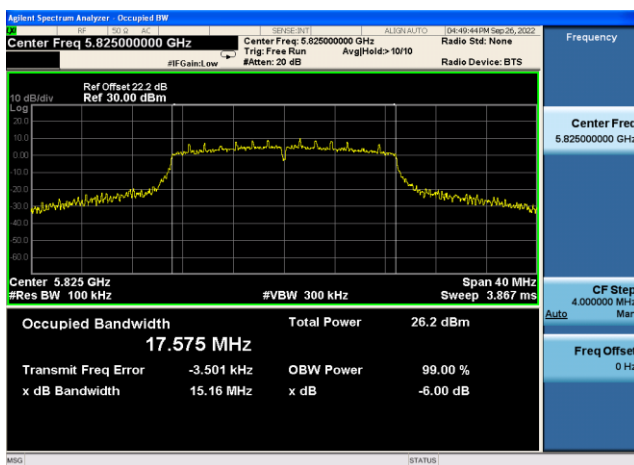| 802.11ac-VHT80 6dB Bandwidth	
Channel 155 (5775MHz)	

Occupied Bandwidth: 75.228 MHz
Total Power: 25.4 dBm
Transmit Freq Error: -17.455 kHz
OBW Power: 99.00 %
x dB Bandwidth: 75.36 MHz
x dB: -6.00 dB
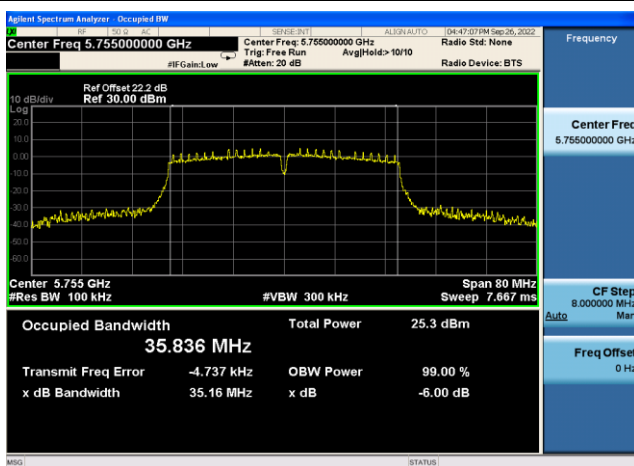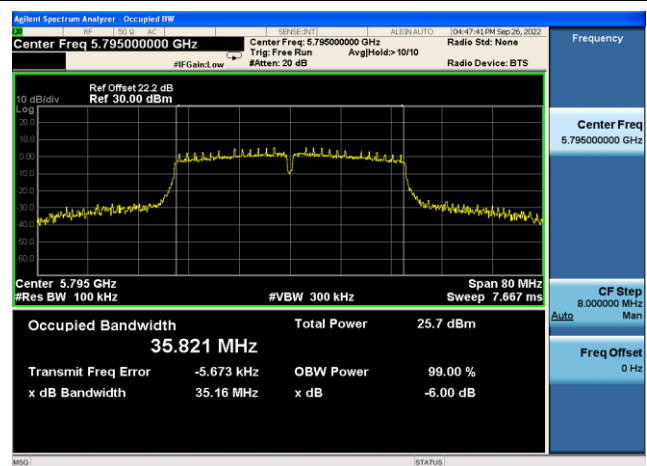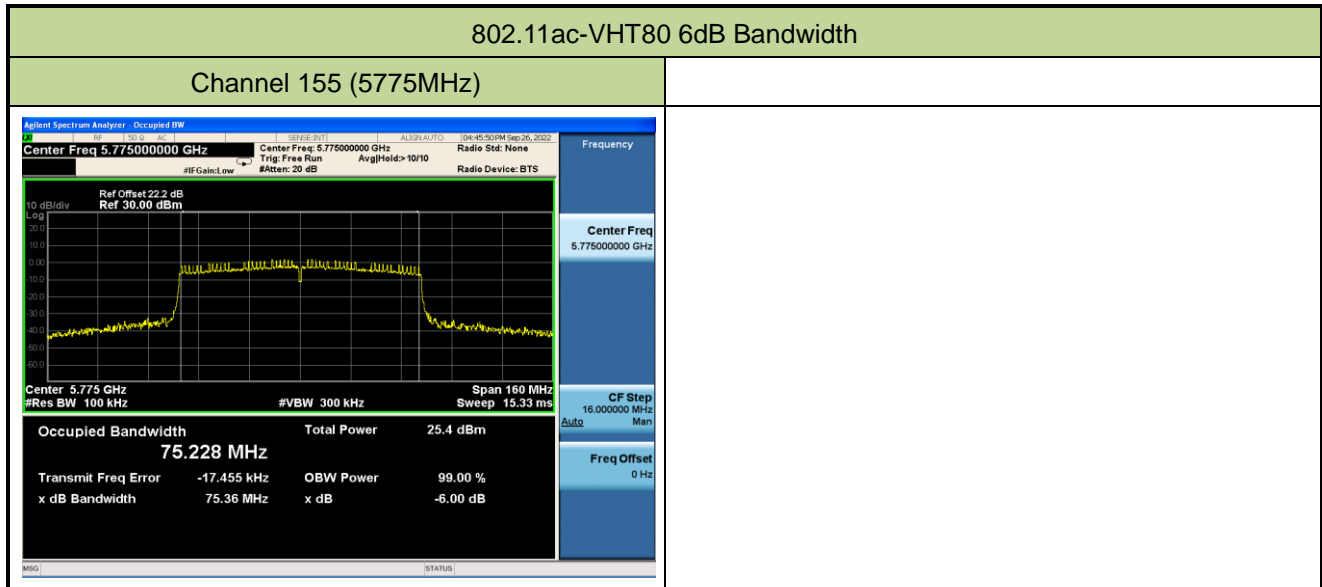
A.4 Output Power Test Result

Output power test was verified over all data rates of each mode shown as below table, and then choose the maximum output power (gray marker) for final test of each channel.

Test Mode	Bandwidth	Channel No.	Frequency (MHz)	Data Rate/ MCS	Average Power (dBm)
802.11a	20	36	5180	6Mbps	16.74
				9Mbps	16.69
				12Mbps	16.68
				18Mbps	16.35
				24Mbps	16.71
				36Mbps	16.41
				48Mbps	15.91
				54Mbps	15.83
802.11ac	20	36	5180	MCS0	16.48
				MCS1	16.21
				MCS2	16.25
				MCS3	16.26
				MCS4	16.28
				MCS5	15.75
				MCS6	16.39
				MCS7	15.91
				MCS8	15.98
802.11ac	40	38	5190	MCS0	16.54
				MCS1	16.48
				MCS2	16.16
				MCS3	16.13
				MCS4	16.18
				MCS5	15.46
				MCS6	16.11
				MCS7	15.52
				MCS8	15.48
				MCS9	14.92

Test Mode	Bandwidth	Channel No.	Frequency (MHz)	Data Rate/ MCS	Average Power (dBm)
802.11ac	80	42	5210	MCS0	16.97
				MCS1	16.86
				MCS2	16.21
				MCS3	16.18
				MCS4	15.08
				MCS5	14.27
				MCS6	14.09
				MCS7	15.58
				MCS8	15.44
				MCS9	14.56

Note: The above power table is only for evaluating the worst data rate.

Test Site	WZ-SR5	Test Engineer	Lynn Yang
Test Date	2022-09-19		

Test Mode	Data Rate/ MCS	Ch. No.	Freq. (MHz)	Total Average Power (dBm)	Average Power Limit (dBm)
11a	6Mbps	36	5180	19.60	≤ 23.98
11a	6Mbps	44	5220	19.76	≤ 23.98
11a	6Mbps	48	5240	19.84	≤ 23.98
11a	6Mbps	52	5260	19.52	≤ 23.95
11a	6Mbps	60	5300	19.58	≤ 23.95
11a	6Mbps	64	5320	19.51	≤ 23.95
11a	6Mbps	100	5500	19.67	≤ 23.96
11a	6Mbps	116	5580	19.60	≤ 23.96
11a	6Mbps	140	5700	19.57	≤ 23.96
11a	6Mbps	144	5720	19.78	≤ 22.98
11a	6Mbps	149	5745	19.50	≤ 30.00
11a	6Mbps	157	5785	19.86	≤ 30.00
11a	6Mbps	165	5825	19.71	≤ 30.00
11ac-VHT20	MCS0	36	5180	19.20	≤ 23.98
11ac-VHT20	MCS0	44	5220	19.35	≤ 23.98
11ac-VHT20	MCS0	48	5240	19.36	≤ 23.98
11ac-VHT20	MCS0	52	5260	19.14	≤ 23.95
11ac-VHT20	MCS0	60	5300	19.12	≤ 23.95
11ac-VHT20	MCS0	64	5320	19.11	≤ 23.95
11ac-VHT20	MCS0	100	5500	19.19	≤ 23.97
11ac-VHT20	MCS0	116	5580	19.24	≤ 23.97
11ac-VHT20	MCS0	140	5700	19.14	≤ 23.97
11ac-VHT20	MCS0	144	5720	19.45	≤ 22.80
11ac-VHT20	MCS0	149	5745	19.09	≤ 30.00
11ac-VHT20	MCS0	157	5785	19.35	≤ 30.00
11ac-VHT20	MCS0	165	5825	19.26	≤ 30.00

Test Mode	Data Rate/ MCS	Ch. No.	Freq. (MHz)	Total Average Power (dBm)	Average Power Limit (dBm)
11ac-VHT40	MCS0	38	5190	18.20	≤ 23.98
11ac-VHT40	MCS0	46	5230	18.32	≤ 23.98
11ac-VHT40	MCS0	54	5270	18.14	≤ 23.98
11ac-VHT40	MCS0	62	5310	18.30	≤ 23.98
11ac-VHT40	MCS0	102	5510	18.41	≤ 23.98
11ac-VHT40	MCS0	110	5550	18.28	≤ 23.98
11ac-VHT40	MCS0	134	5670	18.36	≤ 23.98
11ac-VHT40	MCS0	142	5710	18.14	≤ 23.98
11ac-VHT40	MCS0	151	5755	18.07	≤ 30.00
11ac-VHT40	MCS0	159	5795	18.30	≤ 30.00
11ac-VHT80	MCS0	42	5210	15.92	≤ 23.98
11ac-VHT80	MCS0	58	5290	16.25	≤ 23.98
11ac-VHT80	MCS0	106	5530	16.95	≤ 23.98
11ac-VHT80	MCS0	122	5610	17.34	≤ 23.98
11ac-VHT80	MCS0	138	5690	17.23	≤ 23.98
11ac-VHT80	MCS0	155	5775	17.35	≤ 30.00

Note 1:

For 5250-5350MHz, the conducted power limit is as below.

802.11a: 11 + 10 log10 (B) = 11+10log10(19.72) =23.95 ≤ 23.98dBm.

802.11ac-VHT20/ac-VHT40/ac-VHT80: 11 + 10 log10 (B) > 23.98dBm.

For 5470-5725MHz, the conducted power limit is as below.

802.11a: 11 + 10 log10 (B) = 11+10log10(19.75) =23.96 ≤ 23.98dBm.

802.11ac-VHT20/ac-VHT40/ac-VHT80: 11 + 10 log10 (B) > 23.98dBm.

Note 2:

For straddle channel 20MHz Bandwidth 5720MHz, the conducted power limit is as below:

802.11a CH144: 11 + 10 log10 (B) = 22.98dBm, B = 21.53/2 + 5 = 15.765MHz.

802.11ac-HT20 CH144: 11 + 10 log10 (B) = 22.95dBm, B = 21.32/2 + 5 = 15.66MHz.

A.5   Power Spectral Density Test Result

Test Site	WZ-SR5	Test Engineer	Lynn Yang
Test Date	2022-09-20 ~ 2022-09-26		

Test Mode	Data Rate/ MCS	Ch. No.	Freq. (MHz)	PSD (dBm/MHz)	Duty Cycle (%)	Total PSD (dBm/MHz)	PSD Limit (dBm/ MHz)
For NII-1/-2a/-2c Bands:							
11a	6Mbps	36	5180	9.737	97.20	9.860	≤ 11.00
11a	6Mbps	44	5220	9.910	97.20	10.033	≤ 11.00
11a	6Mbps	48	5240	9.958	97.20	10.081	≤ 11.00
11a	6Mbps	52	5260	9.391	97.20	9.514	≤ 11.00
11a	6Mbps	60	5300	9.293	97.20	9.416	≤ 11.00
11a	6Mbps	64	5320	9.362	97.20	9.485	≤ 11.00
11a	6Mbps	100	5500	9.901	97.20	10.024	≤ 11.00
11a	6Mbps	116	5580	9.826	97.20	9.949	≤ 11.00
11a	6Mbps	140	5700	9.254	97.20	9.377	≤ 11.00
11a	6Mbps	144	5720	9.578	97.20	9.701	≤ 11.00
11ac-VHT20	MCS0	36	5180	9.068	96.31	9.231	≤ 11.00
11ac-VHT20	MCS0	44	5220	9.234	96.31	9.397	≤ 11.00
11ac-VHT20	MCS0	48	5240	9.086	96.31	9.249	≤ 11.00
11ac-VHT20	MCS0	52	5260	8.786	96.31	8.949	≤ 11.00
11ac-VHT20	MCS0	60	5300	8.514	96.31	8.677	≤ 11.00
11ac-VHT20	MCS0	64	5320	8.267	96.31	8.430	≤ 11.00
11ac-VHT20	MCS0	100	5500	9.152	96.31	9.315	≤ 11.00
11ac-VHT20	MCS0	116	5580	8.955	96.31	9.118	≤ 11.00
11ac-VHT20	MCS0	140	5700	8.403	96.31	8.566	≤ 11.00
11ac-VHT20	MCS0	144	5720	8.756	96.31	8.919	≤ 11.00

Test Mode	Data Rate/ MCS	Ch. No.	Freq. (MHz)	AVG PSD (dBm/MHz)	Duty Cycle (%)	Total PSD (dBm/MHz)	PSD Limit (dBm/ MHz)
For NII-1/-2a/-2c Bands:							
11ac-VHT40	MCS0	38	5190	4.931	93.59	5.219	≤ 11.00
11ac-VHT40	MCS0	46	5230	5.264	93.59	5.552	≤ 11.00
11ac-VHT40	MCS0	54	5270	4.593	93.59	4.881	≤ 11.00
11ac-VHT40	MCS0	62	5310	4.909	93.59	5.197	≤ 11.00
11ac-VHT40	MCS0	102	5510	4.814	93.59	5.102	≤ 11.00
11ac-VHT40	MCS0	110	5550	5.000	93.59	5.288	≤ 11.00
11ac-VHT40	MCS0	134	5670	4.674	93.59	4.962	≤ 11.00
11ac-VHT40	MCS0	142	5710	4.303	93.59	4.591	≤ 11.00
11ac-VHT80	MCS0	42	5210	-0.949	88.01	-0.394	≤ 11.00
11ac-VHT80	MCS0	58	5290	-0.812	88.01	-0.257	≤ 11.00
11ac-VHT80	MCS0	106	5530	0.211	88.01	0.766	≤ 11.00
11ac-VHT80	MCS0	122	5610	0.807	88.01	1.362	≤ 11.00
11ac-VHT80	MCS0	138	5690	0.390	88.01	0.945	≤ 11.00

Note: When EUT duty cycle < 98%, the total PSD (dBm/MHz) = AVGPSD (dBm/MHz) +10*log (1/Duty cycle).

When EUT duty cycle ≥ 98%, the total PSD (dBm/MHz) = AVGPSD (dBm/MHz).

Test Mode	Data Rate/ MCS	Ch. No.	Freq. (MHz)	AVG PSD (dBm/510kHz)	Duty Cycle (%)	Total PSD (dBm/510kHz)	PSD Limit (dBm/500kHz)
For NII-3 Band:							
11a	6Mbps	149	5745	6.111	97.20	6.234	≤ 30.00
11a	6Mbps	157	5785	6.441	97.20	6.564	≤ 30.00
11a	6Mbps	165	5825	6.279	97.20	6.402	≤ 30.00
11ac-VHT20	MCS0	149	5745	5.371	96.31	5.534	≤ 30.00
11ac-VHT20	MCS0	157	5785	5.636	96.31	5.799	≤ 30.00
11ac-VHT20	MCS0	165	5825	5.402	96.31	5.565	≤ 30.00
11ac-VHT40	MCS0	151	5755	1.168	93.59	1.456	≤ 30.00
11ac-VHT40	MCS0	159	5795	1.688	93.59	1.976	≤ 30.00
11ac-VHT80	MCS0	155	5775	-2.419	88.01	-1.864	≤ 30.00

Note: When EUT duty cycle < 98%, the total PSD (dBm/510kHz) = AVGPSD (dBm/510kHz) +10*log (1/Duty cycle).
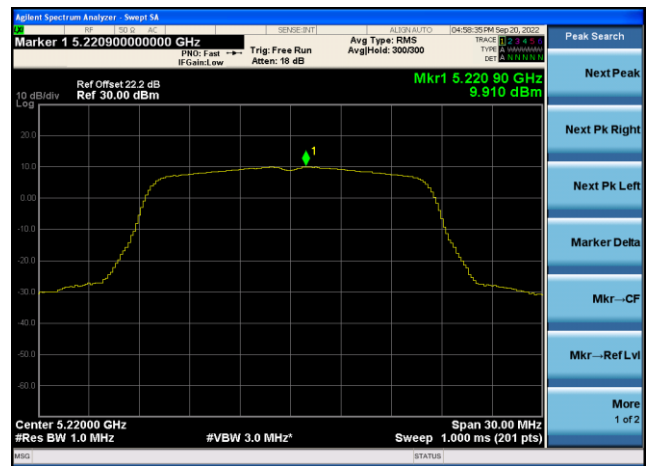
When EUT duty cycle ≥ 98%, the total PSD (dBm/510kHz) = AVGPSD (dBm/510kHz).
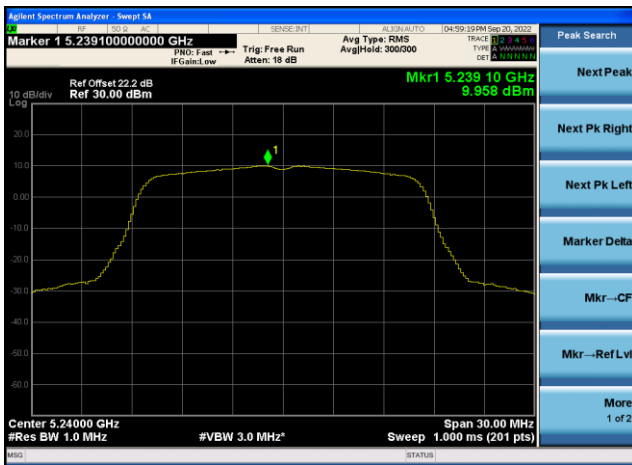
802.11a Power Spectral Density
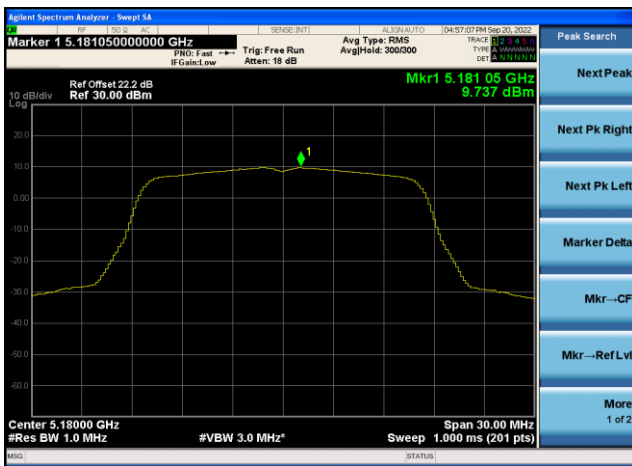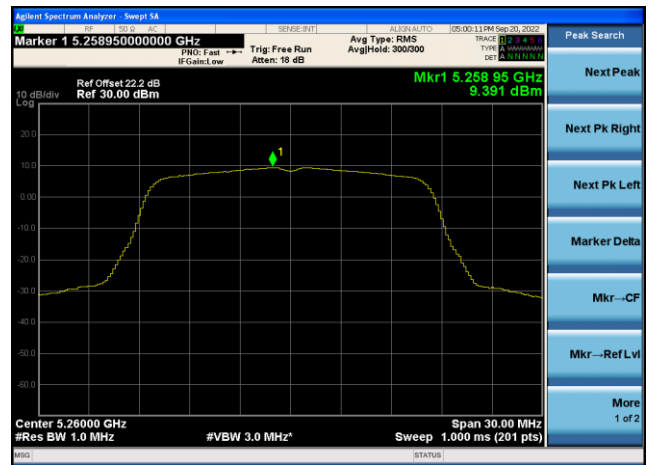
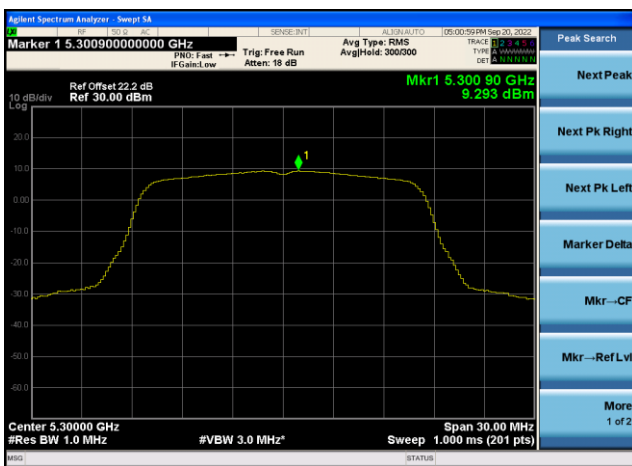### Channel 36 (5180MHz)

Channel 44 (5220MHz)

Channel 48 (5240MHz)

Channel 52 (5260MHz)

Channel 60 (5300MHz)

Channel 64 (5320MHz)

Channel 100 (5500MHz)	Channel 64 (5580MHz)

Channel 140 (5700MHz)	Channel 144 (5720MHz)

Channel 149 (5745MHz)	Channel 157 (5785MHz)

Channel 165 (5825MHz)	
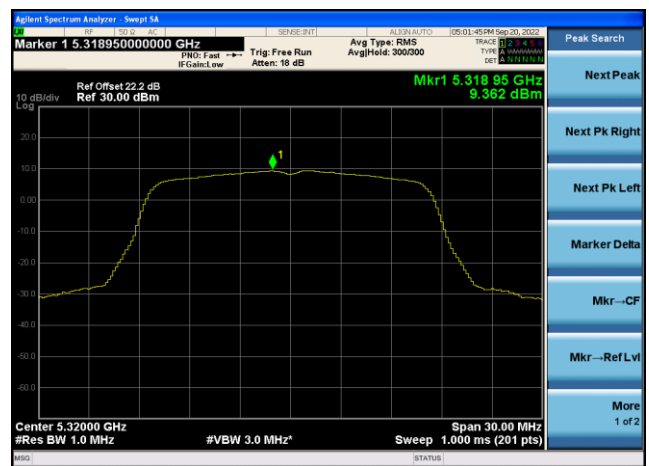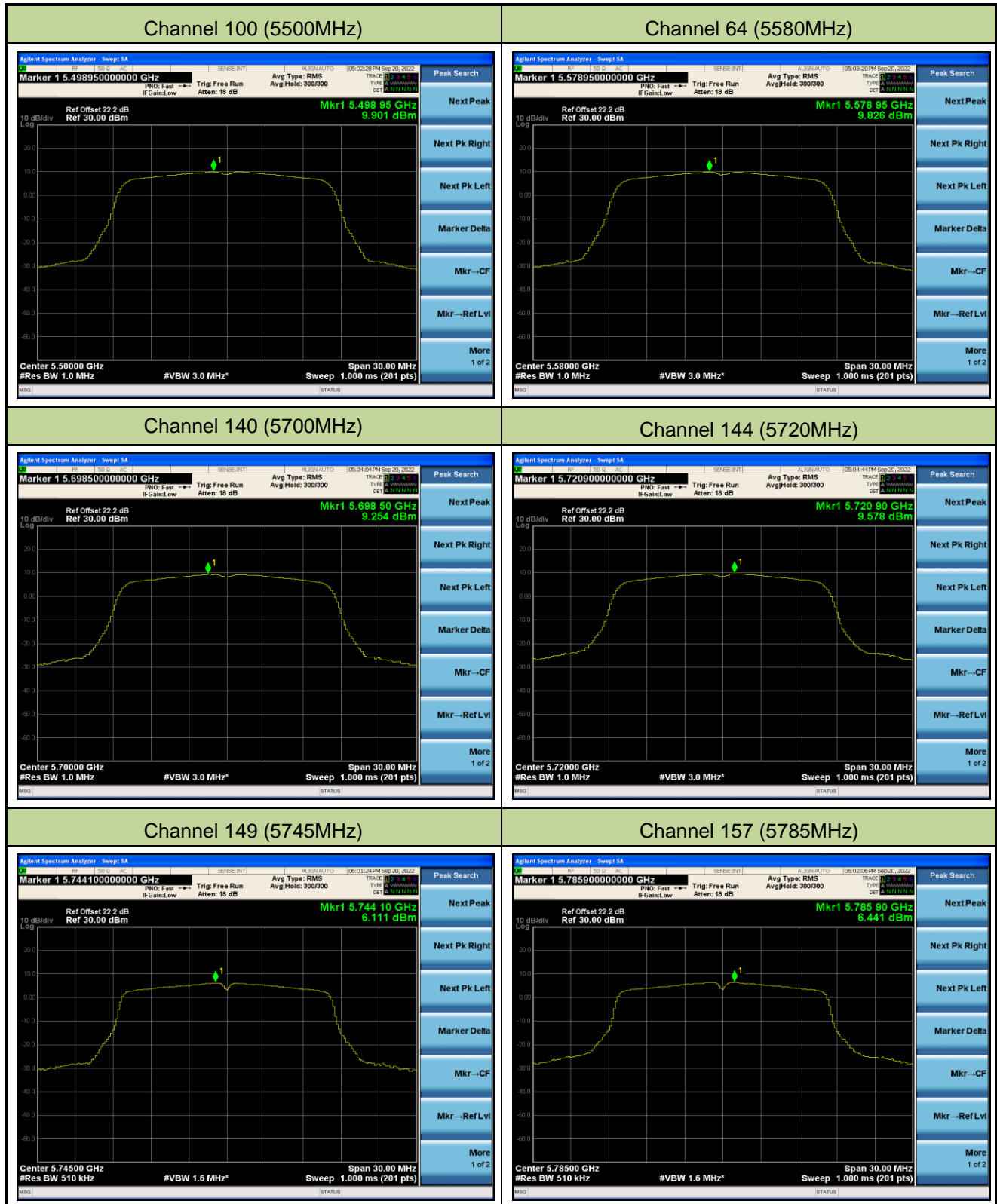
802.11ac-VHT20 Power Spectral Density	
Channel 36 (5180MHz)	Channel 44 (5220MHz)
Channel 48 (5240MHz)	Channel 52 (5260MHz)
Channel 60 (5300MHz)	Channel 64 (5320MHz)

Channel 100 (5500MHz)	Channel 116 (5580MHz)

Channel 140 (5700MHz)	Channel 144 (5720MHz)

Channel 149 (5745MHz)	Channel 157 (5785MHz)
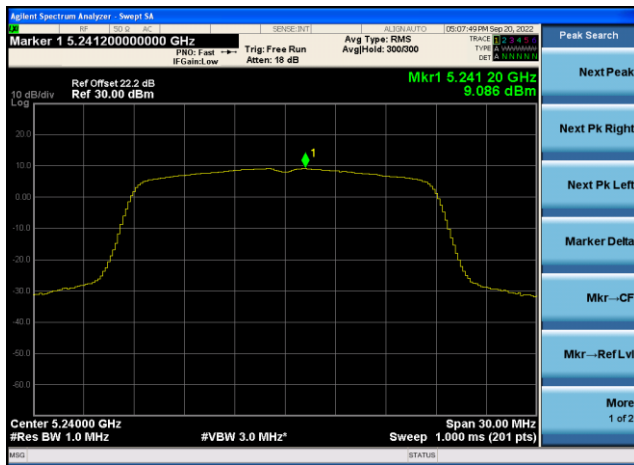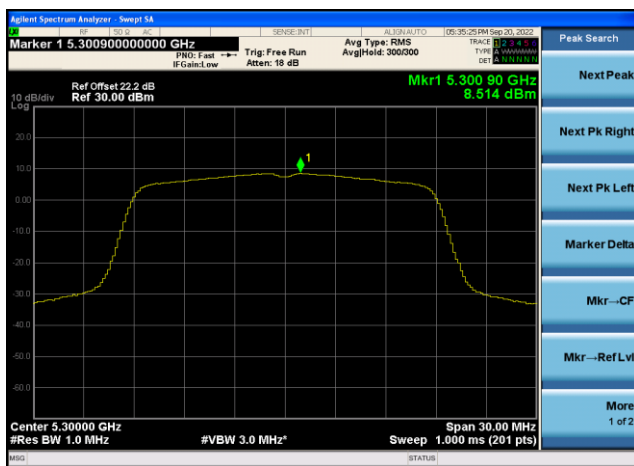
Channel 165 (5825MHz)	
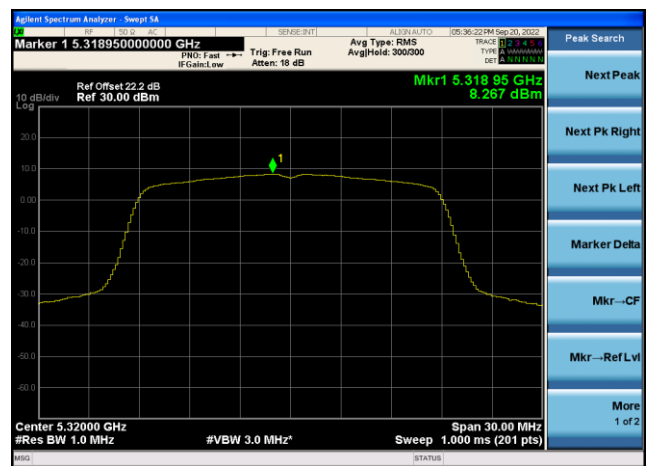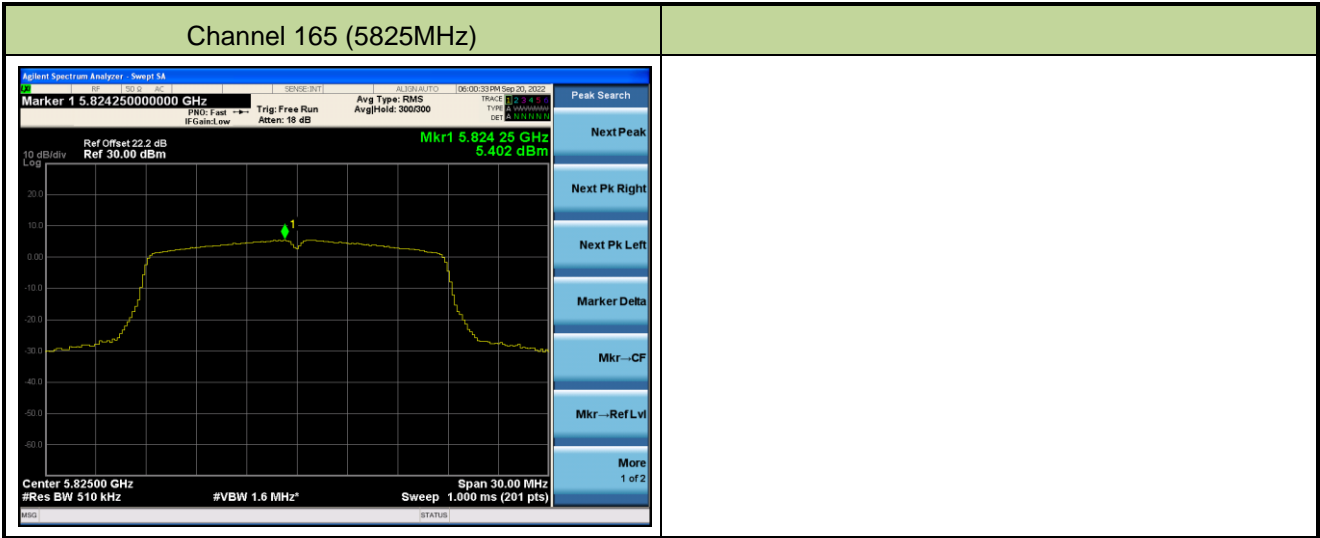
802.11ac-VHT40 Power Spectral Density

Channel 38 (5190MHz)
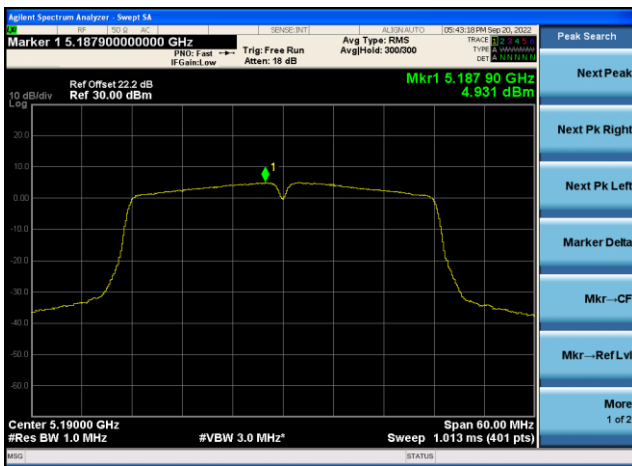
Channel 46 (5230MHz)
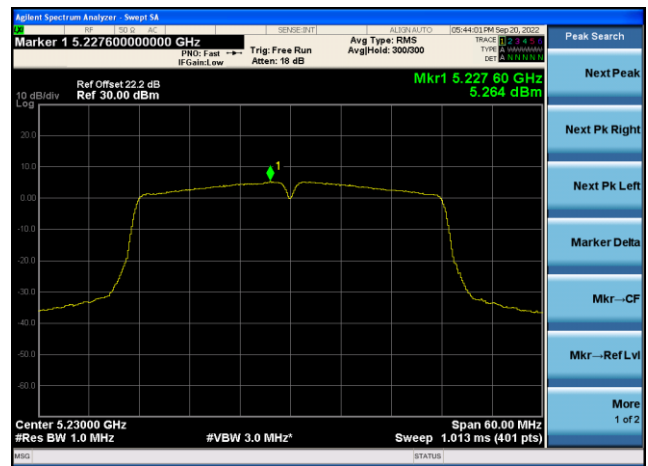
Channel 54 (5270MHz)
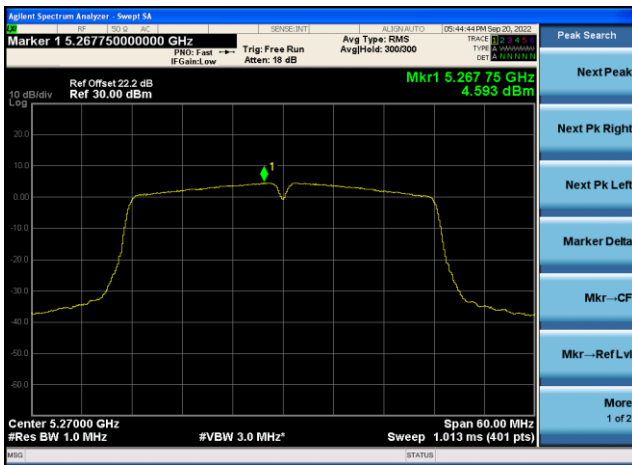
Channel 62 (5310MHz)
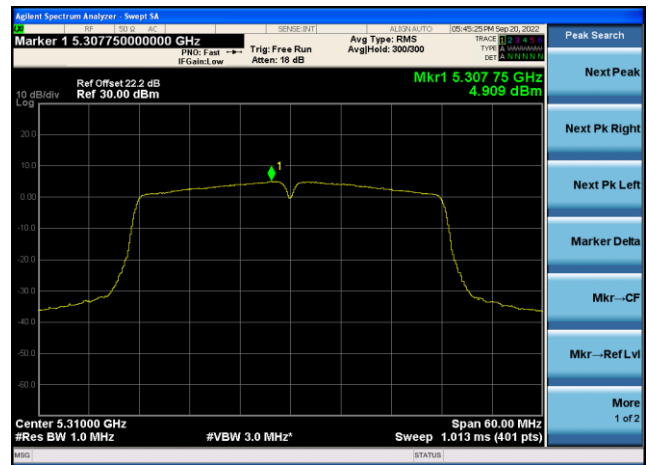
Channel 102 (5510MHz)

Channel 110 (5550MHz)

Channel 134 (5670MHz)	Channel 142 (5710MHz)

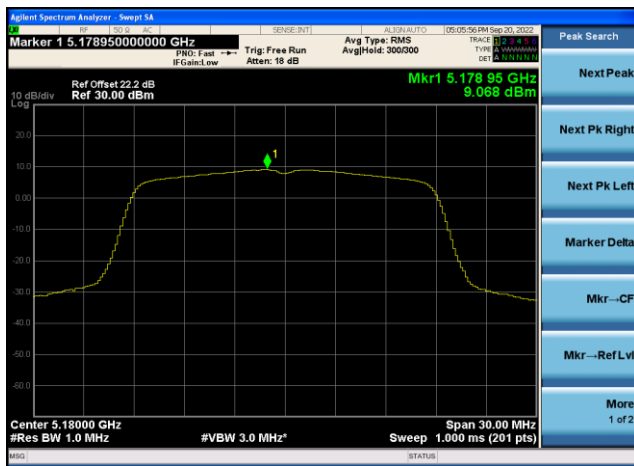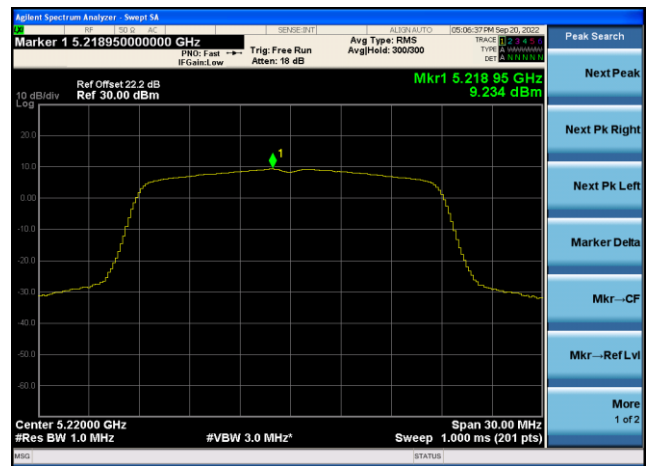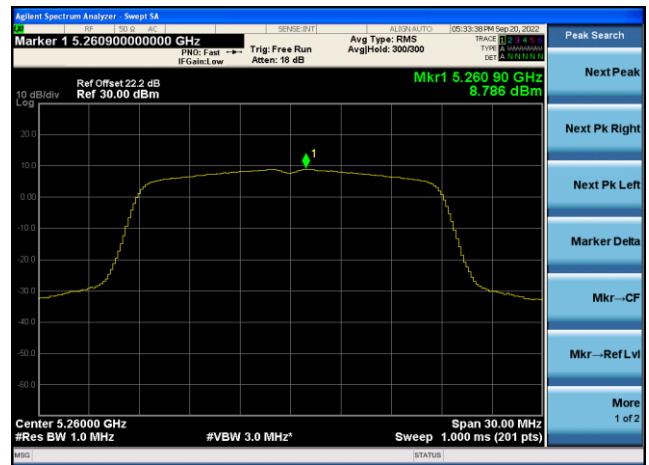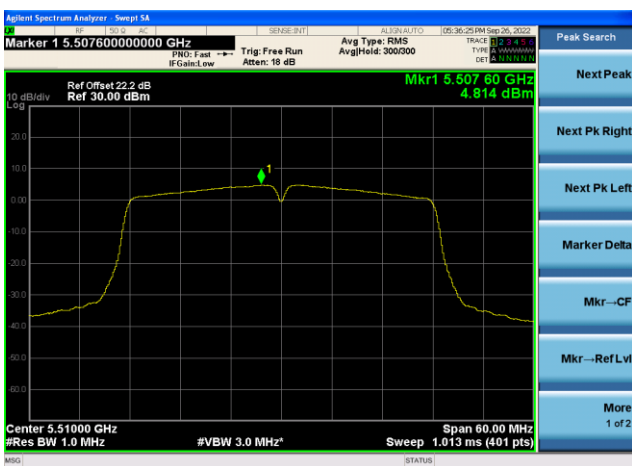| Channel 151 (5755MHz)	Channel 159 (5795MHz)
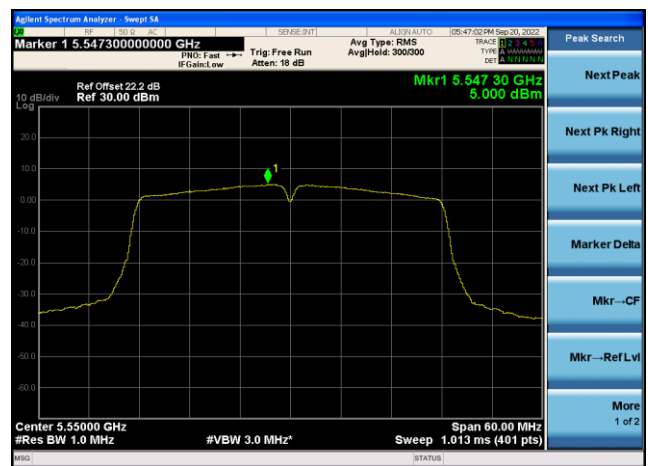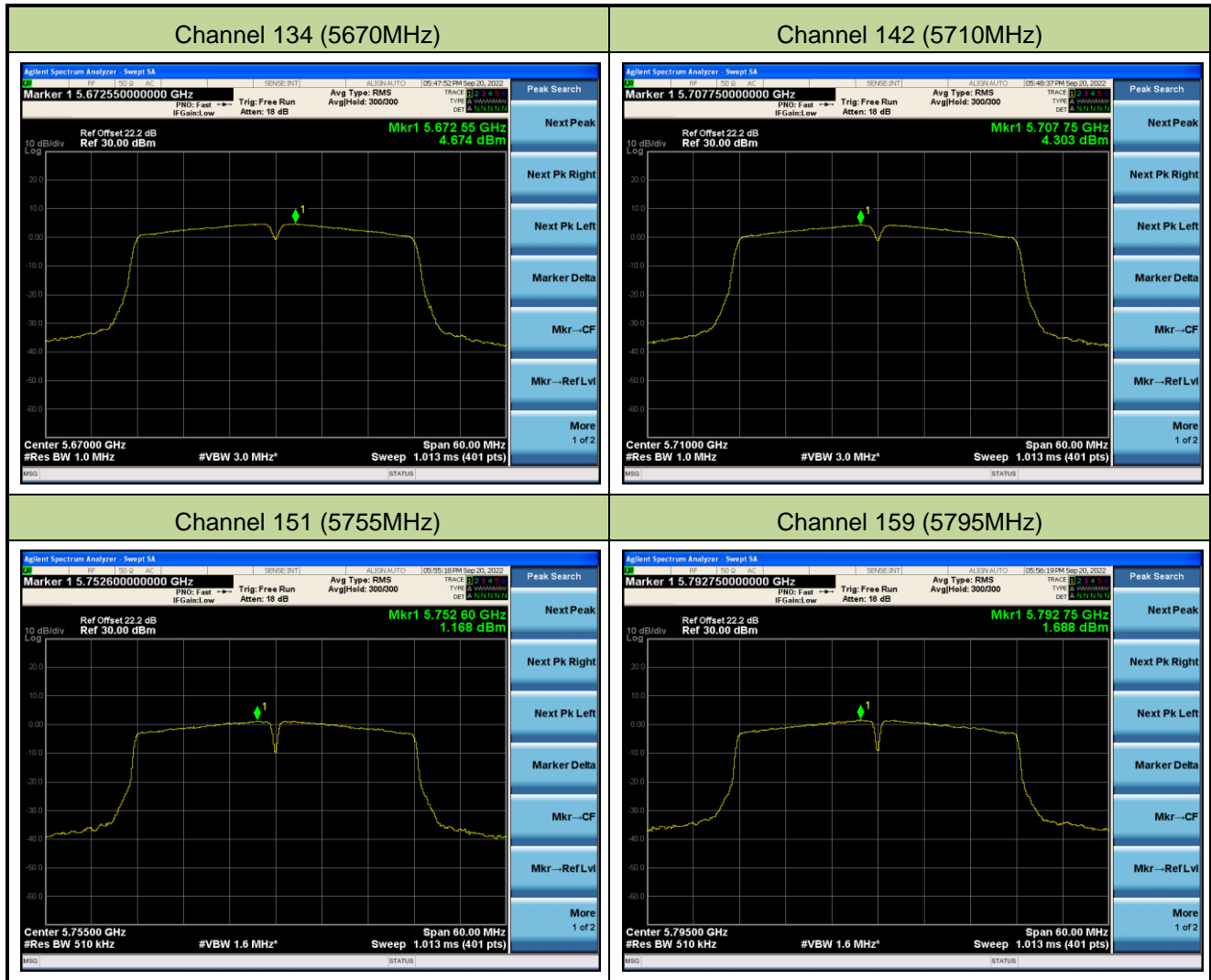
802.11ac-VHT80 Power Spectral Density

Channel 42 (5210MHz)	Channel 58 (5290MHz)

Channel 106 (5530MHz)	Channel 122 (5610MHz)
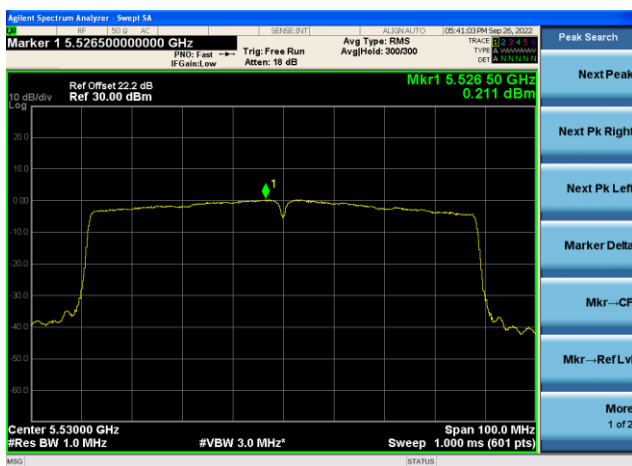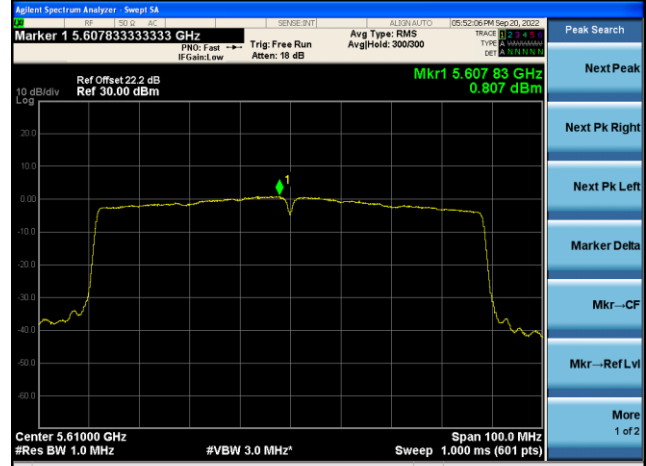
Channel 138 (5690MHz)	Channel 155 (5775MHz)
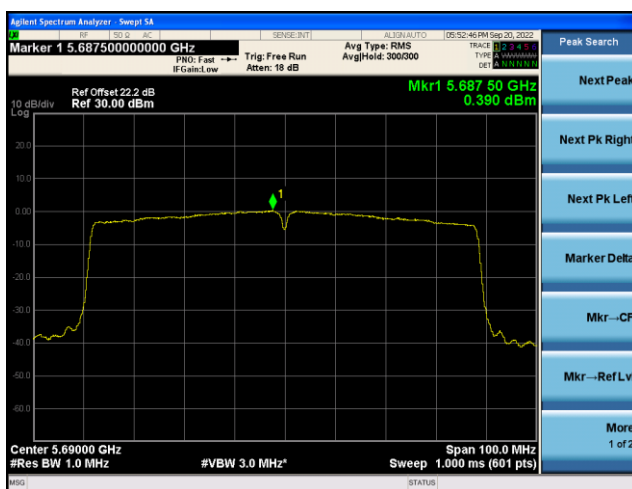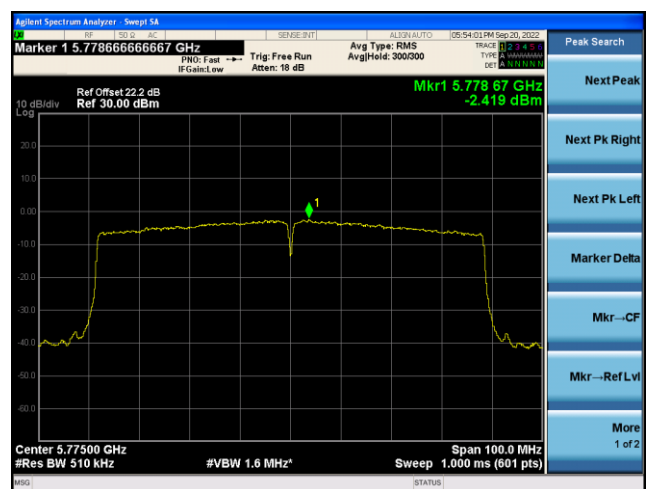
A.6　Frequency Stability Test Result

Test Site	WZ-TR3	Test Engineer	Lynn Yang
Test Date	2022-08-29	Test Mode	5180MHz (Carrier Mode)

Voltage	Power	Temp	Frequency Tolerance (ppm)			
(%)	(V_{DC})	(°C)	0 minutes	2 minutes	5 minutes	10 minutes
100%	3.80	- 20	0.33	0.41	0.27	0.15
		- 10	0.07	0.02	-0.02	-0.09
		0	-0.15	-0.19	-0.24	-0.31
		+ 10	-0.36	-0.40	-0.45	-0.50
		+ 20	-0.54	-0.58	-0.64	-0.67
		+ 30	-0.71	-0.77	-0.80	-0.83
		+ 40	-0.86	-0.91	-0.94	-0.98
		+ 50	-1.02	-1.05	-1.08	-1.11
Battery Upper	4.35	+ 20	-1.15	-1.18	-1.24	-1.26
Battery Endpoint	3.60	+ 20	-1.33	-1.32	-1.34	-1.38

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

Note 2: Battery upper voltage is 4.35Vdc, battery endpoint voltage is 3.60Vdc, which are declared by the manufacturer.

A.7 Radiated Spurious Emission Measurement Test Result

Test Site	WZ-AC1	Test Engineer	Carl Jiang
Test Date	2022-09-22 ~ 2022-09-23	Test Mode	802.11a – 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/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB/m)	Detector	Polarization
*	10367.0	35.2	13.2	48.4	68.2	-19.8	Peak	Horizontal
	10911.0	36.0	13.4	49.4	74.0	-24.6	Peak	Horizontal
	12126.5	36.0	12.2	48.2	74.0	-25.8	Peak	Horizontal
*	14098.5	35.7	14.4	50.1	68.2	-18.1	Peak	Horizontal
*	10205.5	35.0	12.9	47.9	68.2	-20.3	Peak	Vertical
	10894.0	35.0	13.4	48.4	74.0	-25.6	Peak	Vertical
	11489.0	35.0	13.2	48.2	74.0	-25.8	Peak	Vertical
*	14770.0	35.5	14.7	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/m)

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

Test Site	WZ-AC1		Test Engineer	Carl Jiang
Test Date	2022-09-22 ~ 2022-09-23		Test Mode	802.11a – 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/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9942.0	32.7	12.5	45.2	68.2	-23.0	Peak	Horizontal
	11939.5	36.3	12.1	48.4	74.0	-25.6	Peak	Horizontal
*	13792.5	33.8	13.9	47.7	68.2	-20.5	Peak	Horizontal
	15560.5	32.4	11.9	44.3	74.0	-29.7	Peak	Horizontal
	11582.5	36.7	12.6	49.3	74.0	-24.7	Peak	Vertical
*	13733.0	35.2	13.8	49.0	68.2	-19.2	Peak	Vertical
*	14812.5	34.0	14.5	48.5	68.2	-19.7	Peak	Vertical
	15577.5	33.4	11.8	45.2	74.0	-28.8	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/m)

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

Test Site	WZ-AC1	Test Engineer	Carl Jiang
Test Date	2022-09-22 ~ 2022-09-23	Test Mode	802.11a – 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/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB/m)	Detector	Polarization
	12024.5	36.9	12.2	49.1	74.0	-24.9	Peak	Horizontal
*	13979.5	34.3	13.8	48.1	68.2	-20.1	Peak	Horizontal
*	14948.5	35.5	14.6	50.1	68.2	-18.1	Peak	Horizontal
	15722.0	38.9	11.6	50.5	74.0	-23.5	Peak	Horizontal
*	10061.0	35.5	12.6	48.1	68.2	-20.1	Peak	Vertical
	11582.5	34.6	12.6	47.2	74.0	-26.8	Peak	Vertical
*	13962.5	33.6	13.6	47.2	68.2	-21.0	Peak	Vertical
	15722.0	38.5	11.6	50.1	74.0	-23.9	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/m)

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

Test Site	WZ-AC1		Test Engineer	Carl Jiang
Test Date	2022-09-22 ~ 2022-09-23		Test Mode	802.11a – 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/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB/m)	Detector	Polarization
*	10171.5	36.1	13.0	49.1	68.2	-19.1	Peak	Horizontal
	11055.5	35.6	13.5	49.1	74.0	-24.9	Peak	Horizontal
*	13767.0	35.8	14.0	49.8	68.2	-18.4	Peak	Horizontal
	15671.0	35.4	12.0	47.4	74.0	-26.6	Peak	Horizontal
*	9797.5	34.6	12.8	47.4	68.2	-20.8	Peak	Vertical
	11455.0	35.7	13.0	48.7	74.0	-25.3	Peak	Vertical
*	14039.0	35.1	14.2	49.3	68.2	-18.9	Peak	Vertical
	15705.0	34.0	11.5	45.5	74.0	-28.5	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/m)

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

Test Site	WZ-AC1	Test Engineer	Carl Jiang
Test Date	2022-09-22 ~ 2022-09-23	Test Mode	802.11a – 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/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	11106.5	35.8	13.1	48.9	74.0	-25.1	Peak	Horizontal
*	13614.0	35.8	13.9	49.7	68.2	-18.5	Peak	Horizontal
*	14948.5	34.5	14.6	49.1	68.2	-19.1	Peak	Horizontal
	15679.5	33.2	11.9	45.1	74.0	-28.9	Peak	Horizontal
	9066.5	37.0	10.7	47.7	74.0	-26.3	Peak	Vertical
*	10588.0	36.6	13.6	50.2	68.2	-18.0	Peak	Vertical
	11497.5	35.7	13.3	49.0	74.0	-25.0	Peak	Vertical
*	12857.5	36.1	12.6	48.7	68.2	-19.5	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/m)

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

Test Site	WZ-AC1		Test Engineer	Carl Jiang
Test Date	2022-09-22 ~ 2022-09-23		Test Mode	802.11a – 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/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10180.0	35.1	13.2	48.3	68.2	-19.9	Peak	Horizontal
	11625.0	36.1	12.5	48.6	74.0	-25.4	Peak	Horizontal
*	13784.0	35.9	14.0	49.9	68.2	-18.3	Peak	Horizontal
	15849.5	35.4	11.8	47.2	74.0	-26.8	Peak	Horizontal
*	10069.5	35.7	12.7	48.4	68.2	-19.8	Peak	Vertical
	11548.5	35.4	13.0	48.4	74.0	-25.6	Peak	Vertical
*	13665.0	33.3	13.6	46.9	68.2	-21.3	Peak	Vertical
	15705.0	33.4	11.5	44.9	74.0	-29.1	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/m)

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

Test Site	WZ-AC1	Test Engineer	Carl Jiang
Test Date	2022-09-22 ~ 2022-09-23	Test Mode	802.11a – 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/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	11004.5	38.1	13.5	51.6	74.0	-22.4	Peak	Horizontal
*	13707.5	36.6	13.7	50.3	68.2	-17.9	Peak	Horizontal
	15637.0	34.5	12.1	46.6	74.0	-27.4	Peak	Horizontal
*	16946.0	35.9	14.9	50.8	68.2	-17.4	Peak	Horizontal
*	8803.0	41.6	10.2	51.8	68.2	-16.4	Peak	Vertical
*	10435.0	37.0	13.3	50.3	68.2	-17.9	Peak	Vertical
	11004.5	39.6	13.5	53.1	74.0	-20.9	Peak	Vertical
	16113.0	36.5	12.0	48.5	74.0	-25.5	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/m)

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

Test Site	WZ-AC1		Test Engineer	Carl Jiang
Test Date	2022-09-22 ~ 2022-09-23		Test Mode	802.11a – 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/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB/m)	Detector	Polarization
*	10180.0	35.2	13.2	48.4	68.2	-19.8	Peak	Horizontal
	11982.0	34.7	12.2	46.9	74.0	-27.1	Peak	Horizontal
*	14090.0	35.4	14.5	49.9	68.2	-18.3	Peak	Horizontal
	15645.5	33.3	12.1	45.4	74.0	-28.6	Peak	Horizontal
*	8930.5	42.7	10.3	53.0	68.2	-15.2	Peak	Vertical
	11455.0	36.9	13.0	49.9	74.0	-24.1	Peak	Vertical
*	14081.5	35.7	14.6	50.3	68.2	-17.9	Peak	Vertical
	15790.0	33.4	11.6	45.0	74.0	-29.0	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/m)

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

Test Site	WZ-AC1	Test Engineer	Carl Jiang
Test Date	2022-09-22 ~ 2022-09-23	Test Mode	802.11a – 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/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	9117.5	40.7	11.0	51.7	74.0	-22.3	Peak	Horizontal
	11089.5	35.9	13.3	49.2	74.0	-24.8	Peak	Horizontal
*	13937.0	33.7	13.8	47.5	68.2	-20.7	Peak	Horizontal
*	15084.5	33.8	14.0	47.8	68.2	-20.4	Peak	Horizontal
	9117.5	41.3	11.0	52.3	74.0	-21.7	Peak	Vertical
	11404.0	36.3	13.0	49.3	74.0	-24.7	Peak	Vertical
*	13962.5	35.8	13.6	49.4	68.2	-18.8	Peak	Vertical
*	14778.5	35.8	14.6	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/m)

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

Test Site	WZ-AC1	Test Engineer	Carl Jiang
Test Date	2022-09-22 ~ 2022-09-23	Test Mode	802.11a – 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/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB/m)	Detector	Polarization
	9151.5	39.7	11.1	50.8	74.0	-23.2	Peak	Horizontal
	11438.0	36.8	13.0	49.8	74.0	-24.2	Peak	Horizontal
*	13792.5	34.4	13.9	48.3	68.2	-19.9	Peak	Horizontal
*	14855.0	35.3	14.6	49.9	68.2	-18.3	Peak	Horizontal
	9151.5	40.3	11.1	51.4	74.0	-22.6	Peak	Vertical
	11429.5	36.0	12.9	48.9	74.0	-25.1	Peak	Vertical
*	13801.0	35.4	13.9	49.3	68.2	-18.9	Peak	Vertical
*	14914.5	35.2	14.5	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/m)

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

Test Site	WZ-AC1		Test Engineer	Carl Jiang
Test Date	2022-09-22 ~ 2022-09-23		Test Mode	802.11a – 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/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB/m)	Detector	Polarization
	9194.0	39.6	11.1	50.7	74.0	-23.3	Peak	Horizontal
*	10265.0	35.2	13.1	48.3	68.2	-19.9	Peak	Horizontal
*	14158.0	36.2	14.5	50.7	68.2	-17.5	Peak	Horizontal
	15662.5	32.9	12.1	45.0	74.0	-29.0	Peak	Horizontal
	9194.0	38.7	11.1	49.8	74.0	-24.2	Peak	Vertical
*	10078.0	34.3	12.8	47.1	68.2	-21.1	Peak	Vertical
	11497.5	36.8	13.3	50.1	74.0	-23.9	Peak	Vertical
*	14863.5	35.5	14.5	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/m)

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

Test Site	WZ-AC1		Test Engineer	Carl Jiang
Test Date	2022-09-22 ~ 2022-09-23		Test Mode	802.11a – 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/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB/m)	Detector	Polarization
*	10188.5	33.9	13.2	47.1	68.2	-21.1	Peak	Horizontal
	11438.0	34.2	13.0	47.2	74.0	-26.8	Peak	Horizontal
*	13741.5	36.7	13.7	50.4	68.2	-17.8	Peak	Horizontal
	15637.0	32.5	12.1	44.6	74.0	-29.4	Peak	Horizontal
*	10078.0	34.6	12.8	47.4	68.2	-20.8	Peak	Vertical
	11030.0	36.3	13.4	49.7	74.0	-24.3	Peak	Vertical
*	14073.0	35.0	14.6	49.6	68.2	-18.6	Peak	Vertical
	15883.5	36.3	11.7	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/m)

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

Test Site	WZ-AC1	Test Engineer	Carl Jiang
Test Date	2022-09-22 ~ 2022-09-23	Test Mode	802.11a – 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/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB/m)	Detector	Polarization
*	10018.5	35.6	12.8	48.4	68.2	-19.8	Peak	Horizontal
	11540.0	35.3	12.9	48.2	74.0	-25.8	Peak	Horizontal
*	14107.0	34.0	14.3	48.3	68.2	-19.9	Peak	Horizontal
	15960.0	35.8	12.2	48.0	74.0	-26.0	Peak	Horizontal
*	10375.5	35.6	13.3	48.9	68.2	-19.3	Peak	Vertical
	11574.0	34.9	12.7	47.6	74.0	-26.4	Peak	Vertical
*	14098.5	34.8	14.4	49.2	68.2	-19.0	Peak	Vertical
	15654.0	32.3	12.1	44.4	74.0	-29.6	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/m)

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

Test Site	WZ-AC1	Test Engineer	Carl Jiang
Test Date	2022-09-22 ~ 2022-09-23	Test Mode	802.11ac-VHT20 – 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/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB/m)	Detector	Polarization
*	10299.0	35.2	13.1	48.3	68.2	-19.9	Peak	Horizontal
	11472.0	36.5	13.0	49.5	74.0	-24.5	Peak	Horizontal
*	13775.5	36.1	14.0	50.1	68.2	-18.1	Peak	Horizontal
	15586.0	36.3	11.9	48.2	74.0	-25.8	Peak	Horizontal
*	9976.0	34.8	12.8	47.6	68.2	-20.6	Peak	Vertical
	11336.0	35.6	12.7	48.3	74.0	-25.7	Peak	Vertical
*	13801.0	35.6	13.9	49.5	68.2	-18.7	Peak	Vertical
	15705.0	34.2	11.5	45.7	74.0	-28.3	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/m)

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

Test Site	WZ-AC1		Test Engineer	Carl Jiang
Test Date	2022-09-22 ~ 2022-09-23		Test Mode	802.11ac-VHT20 – 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/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB/m)	Detector	Polarization
*	10341.5	35.0	13.3	48.3	68.2	-19.9	Peak	Horizontal
	11489.0	35.0	13.2	48.2	74.0	-25.8	Peak	Horizontal
*	13588.5	35.8	13.6	49.4	68.2	-18.8	Peak	Horizontal
	15662.5	33.9	12.1	46.0	74.0	-28.0	Peak	Horizontal
*	10180.0	34.4	13.2	47.6	68.2	-20.6	Peak	Vertical
	11353.0	36.0	12.8	48.8	74.0	-25.2	Peak	Vertical
*	14056.0	35.4	14.5	49.9	68.2	-18.3	Peak	Vertical
	15892.0	36.6	11.5	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/m)

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

Test Site	WZ-AC1		Test Engineer	Carl Jiang
Test Date	2022-09-22 ~ 2022-09-23		Test Mode	802.11ac-VHT20 – 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/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10477.5	36.0	13.4	49.4	68.2	-18.8	Peak	Horizontal
	11514.5	35.0	13.0	48.0	74.0	-26.0	Peak	Horizontal
*	13954.0	36.0	13.5	49.5	68.2	-18.7	Peak	Horizontal
	15501.0	35.5	12.7	48.2	74.0	-25.8	Peak	Horizontal
*	10350.0	35.1	13.2	48.3	68.2	-19.9	Peak	Vertical
	10936.5	35.1	13.6	48.7	74.0	-25.3	Peak	Vertical
*	13860.5	36.3	13.9	50.2	68.2	-18.0	Peak	Vertical
	15781.5	34.4	11.7	46.1	74.0	-27.9	Peak	Vertical

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

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

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

Test Site	WZ-AC1	Test Engineer	Carl Jiang
Test Date	2022-09-22 ~ 2022-09-23	Test Mode	802.11ac-VHT20 – 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/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB/m)	Detector	Polarization
	11030.0	35.2	13.4	48.6	74.0	-25.4	Peak	Horizontal
*	13818.0	35.8	13.9	49.7	68.2	-18.5	Peak	Horizontal
*	14812.5	33.5	14.5	48.0	68.2	-20.2	Peak	Horizontal
	15807.0	35.0	11.6	46.6	74.0	-27.4	Peak	Horizontal
*	9933.5	34.6	12.7	47.3	68.2	-20.9	Peak	Vertical
	11387.0	35.0	13.0	48.0	74.0	-26.0	Peak	Vertical
*	14872.0	35.7	14.3	50.0	68.2	-18.2	Peak	Vertical
	15968.5	36.5	12.0	48.5	74.0	-25.5	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/m)

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

Test Site	WZ-AC1	Test Engineer	Carl Jiang
Test Date	2022-09-22 ~ 2022-09-23	Test Mode	802.11ac-VHT20 – 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/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB/m)	Detector	Polarization
*	10120.5	35.0	12.8	47.8	68.2	-20.4	Peak	Horizontal
	11514.5	36.2	13.0	49.2	74.0	-24.8	Peak	Horizontal
	12271.0	35.2	12.0	47.2	74.0	-26.8	Peak	Horizontal
*	14353.5	35.8	14.7	50.5	68.2	-17.7	Peak	Horizontal
*	10520.0	35.7	13.4	49.1	68.2	-19.1	Peak	Vertical
	10919.5	35.3	13.4	48.7	74.0	-25.3	Peak	Vertical
*	13869.0	35.8	14.1	49.9	68.2	-18.3	Peak	Vertical
	14481.0	35.5	15.3	50.8	74.0	-23.2	Peak	Vertical

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

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

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

Test Site	WZ-AC1		Test Engineer	Carl Jiang
Test Date	2022-09-22 ~ 2022-09-23		Test Mode	802.11ac-VHT20 – 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/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB/m)	Detector	Polarization
*	10035.5	32.9	12.8	45.7	68.2	-22.5	Peak	Horizontal
	11047.0	36.5	13.7	50.2	74.0	-23.8	Peak	Horizontal
	12109.5	34.8	12.1	46.9	74.0	-27.1	Peak	Horizontal
*	13826.5	36.2	13.8	50.0	68.2	-18.2	Peak	Horizontal
*	10511.5	35.0	13.3	48.3	68.2	-19.9	Peak	Vertical
	10885.5	35.3	13.4	48.7	74.0	-25.3	Peak	Vertical
	13265.5	37.6	13.0	50.6	74.0	-23.4	Peak	Vertical
*	14379.0	36.2	14.7	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/m)

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

Test Site	WZ-AC1	Test Engineer	Carl Jiang
Test Date	2022-09-22 ~ 2022-09-23	Test Mode	802.11ac-VHT20 – 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/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB/m)	Detector	Polarization
*	8803.0	39.0	10.2	49.2	68.2	-19.0	Peak	Horizontal
	10996.0	37.5	13.6	51.1	74.0	-22.9	Peak	Horizontal
	10996.0	34.2	13.6	47.8	54.0	-6.2	Average	Horizontal
	11574.0	36.4	12.7	49.1	74.0	-24.9	Peak	Horizontal
*	13860.5	36.2	13.9	50.1	68.2	-18.1	Peak	Horizontal
*	8803.0	40.1	10.2	50.3	68.2	-17.9	Peak	Vertical
	10996.0	36.1	13.6	49.7	74.0	-24.3	Peak	Vertical
	12126.5	36.1	12.2	48.3	74.0	-25.7	Peak	Vertical
*	14166.5	35.7	14.6	50.3	68.2	-17.9	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/m)

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

Test Site	WZ-AC1	Test Engineer	Carl Jiang
Test Date	2022-09-22 ~ 2022-09-23	Test Mode	802.11ac-VHT20 – 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/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB/m)	Detector	Polarization
*	8930.5	40.1	10.3	50.4	68.2	-17.8	Peak	Horizontal
	11157.5	38.4	13.1	51.5	74.0	-22.5	Peak	Horizontal
	11157.5	34.4	13.1	47.5	54.0	-6.5	Average	Horizontal
	12135.0	35.7	12.2	47.9	74.0	-26.1	Peak	Horizontal
*	14064.5	35.6	14.5	50.1	68.2	-18.1	Peak	Horizontal
*	8930.5	40.8	10.3	51.1	68.2	-17.1	Peak	Vertical
*	9942.0	32.9	12.5	45.4	68.2	-22.8	Peak	Vertical
	11157.5	36.1	13.1	49.2	74.0	-24.8	Peak	Vertical
	12109.5	36.0	12.1	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/m)

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

Test Site	WZ-AC1		Test Engineer	Carl Jiang
Test Date	2022-09-22 ~ 2022-09-23		Test Mode	802.11ac-VHT20 – 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/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	9117.5	42.9	11.0	53.9	74.0	-20.1	Peak	Horizontal
	9117.5	41.8	11.0	52.8	54.0	-1.2	Average	Horizontal
*	10180.0	34.6	13.2	47.8	68.2	-20.4	Peak	Horizontal
	11404.0	36.5	13.0	49.5	74.0	-24.5	Peak	Horizontal
*	13010.5	34.7	12.7	47.4	68.2	-20.8	Peak	Horizontal
	8369.5	35.6	8.6	44.2	74.0	-29.8	Peak	Vertical
	9117.5	39.1	11.0	50.1	74.0	-23.9	Peak	Vertical
*	10299.0	35.3	13.1	48.4	68.2	-19.8	Peak	Vertical
*	12832.0	36.1	12.6	48.7	68.2	-19.5	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/m)

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

Test Site	WZ-AC1		Test Engineer	Carl Jiang
Test Date	2022-09-22 ~ 2022-09-23		Test Mode	802.11ac-VHT20 – 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/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8055.0	37.9	9.0	46.9	74.0	-27.1	Peak	Horizontal
	11004.5	35.8	13.5	49.3	74.0	-24.7	Peak	Horizontal
*	13622.5	36.1	13.9	50.0	68.2	-18.2	Peak	Horizontal
*	14625.5	35.3	15.0	50.3	68.2	-17.9	Peak	Horizontal
	10919.5	37.3	13.4	50.7	74.0	-23.3	Peak	Vertical
	12560.0	37.5	11.8	49.3	74.0	-24.7	Peak	Vertical
*	13911.5	35.8	14.0	49.8	68.2	-18.4	Peak	Vertical
*	14625.5	35.3	15.0	50.3	68.2	-17.9	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/m)

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

Test Site	WZ-AC1		Test Engineer	Carl Jiang
Test Date	2022-09-22 ~ 2022-09-23		Test Mode	802.11ac-VHT20 – 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/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	9194.0	40.1	11.1	51.2	74.0	-22.8	Peak	Horizontal
	9194.0	42.0	11.1	53.1	54.0	-0.9	Average	Horizontal
*	10418.0	34.7	13.3	48.0	68.2	-20.2	Peak	Horizontal
	11489.0	36.1	13.2	49.3	74.0	-24.7	Peak	Horizontal
*	14064.5	35.2	14.5	49.7	68.2	-18.5	Peak	Horizontal
	9194.0	38.6	11.1	49.7	74.0	-24.3	Peak	Vertical
*	10350.0	34.4	13.2	47.6	68.2	-20.6	Peak	Vertical
	12449.5	36.0	11.9	47.9	74.0	-26.1	Peak	Vertical
*	14319.5	35.5	14.6	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/m)

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

Test Site	WZ-AC1		Test Engineer	Carl Jiang
Test Date	2022-09-22 ~ 2022-09-23		Test Mode	802.11ac-VHT20 – 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/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9253.5	39.6	11.6	51.2	68.2	-17.0	Peak	Horizontal
	10962.0	35.0	13.5	48.5	74.0	-25.5	Peak	Horizontal
	12101.0	35.6	12.0	47.6	74.0	-26.4	Peak	Horizontal
*	13792.5	33.6	13.9	47.5	68.2	-20.7	Peak	Horizontal
*	9253.5	36.8	11.6	48.4	68.2	-19.8	Peak	Vertical
	11072.5	34.4	13.3	47.7	74.0	-26.3	Peak	Vertical
	12118.0	35.4	12.2	47.6	74.0	-26.4	Peak	Vertical
*	14668.0	36.5	14.8	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/m)

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

Test Site	WZ-AC1		Test Engineer	Carl Jiang
Test Date	2022-09-22 ~ 2022-09-23		Test Mode	802.11ac-VHT20 – 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/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB/m)	Detector	Polarization
	9321.5	40.4	12.0	52.4	74.0	-21.6	Peak	Horizontal
	9321.5	41.0	12.0	53.0	54.0	-1.0	Average	Horizontal
*	10307.5	34.9	13.0	47.9	68.2	-20.3	Peak	Horizontal
	11599.5	35.5	12.8	48.3	74.0	-25.7	Peak	Horizontal
*	14005.0	36.4	14.0	50.4	68.2	-17.8	Peak	Horizontal
	9321.5	37.2	12.0	49.2	74.0	-24.8	Peak	Vertical
*	10171.5	34.0	13.0	47.0	68.2	-21.2	Peak	Vertical
	11497.5	34.5	13.3	47.8	74.0	-26.2	Peak	Vertical
*	12874.5	35.7	12.7	48.4	68.2	-19.8	Peak	Vertical

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

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

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

Test Site	WZ-AC1	Test Engineer	Carl Jiang
Test Date	2022-09-22 ~ 2022-09-23	Test Mode	802.11ac-VHT40 – 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/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB/m)	Detector	Polarization
*	10086.5	33.9	12.8	46.7	68.2	-21.5	Peak	Horizontal
	11072.5	33.5	13.3	46.8	74.0	-27.2	Peak	Horizontal
	12135.0	35.6	12.2	47.8	74.0	-26.2	Peak	Horizontal
*	13886.0	35.4	14.2	49.6	68.2	-18.6	Peak	Horizontal
*	10477.5	34.2	13.4	47.6	68.2	-20.6	Peak	Vertical
	11497.5	34.5	13.3	47.8	74.0	-26.2	Peak	Vertical
	12441.0	34.4	12.0	46.4	74.0	-27.6	Peak	Vertical
*	14753.0	36.4	14.7	51.1	68.2	-17.1	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/m)

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

Test Site	WZ-AC1		Test Engineer	Carl Jiang
Test Date	2022-09-22 ~ 2022-09-23		Test Mode	802.11ac-VHT40 – 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/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10392.5	35.5	13.3	48.8	68.2	-19.4	Peak	Horizontal
	11089.5	35.5	13.3	48.8	74.0	-25.2	Peak	Horizontal
	11863.0	36.2	12.3	48.5	74.0	-25.5	Peak	Horizontal
*	14812.5	35.6	14.5	50.1	68.2	-18.1	Peak	Horizontal
*	9644.5	35.8	12.2	48.0	68.2	-20.2	Peak	Vertical
	10928.0	35.8	13.5	49.3	74.0	-24.7	Peak	Vertical
	11497.5	35.6	13.3	48.9	74.0	-25.1	Peak	Vertical
*	14617.0	35.5	15.1	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/m)

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

Test Site	WZ-AC1			Test Engineer	Carl Jiang	
Test Date	2022-09-22 ~ 2022-09-23			Test Mode	802.11ac-VHT40 – 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/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9933.5	34.4	12.7	47.1	68.2	-21.1	Peak	Horizontal
	11098.0	34.3	13.3	47.6	74.0	-26.4	Peak	Horizontal
	12033.0	35.5	12.1	47.6	74.0	-26.4	Peak	Horizontal
*	14149.5	36.4	14.3	50.7	68.2	-17.5	Peak	Horizontal
*	10350.0	33.1	13.2	46.3	68.2	-21.9	Peak	Vertical
	10928.0	35.2	13.5	48.7	74.0	-25.3	Peak	Vertical
	12228.5	35.7	12.0	47.7	74.0	-26.3	Peak	Vertical
*	14056.0	34.7	14.5	49.2	68.2	-19.0	Peak	Vertical

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

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

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

Test Site	WZ-AC1	Test Engineer	Carl Jiang
Test Date	2022-09-22 ~ 2022-09-23	Test Mode	802.11ac-VHT40 – 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/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB/m)	Detector	Polarization
*	10409.5	36.2	13.3	49.5	68.2	-18.7	Peak	Horizontal
	11514.5	34.9	13.0	47.9	74.0	-26.1	Peak	Horizontal
	12585.5	35.9	11.8	47.7	74.0	-26.3	Peak	Horizontal
*	14753.0	34.2	14.7	48.9	68.2	-19.3	Peak	Horizontal
*	10316.0	34.0	13.1	47.1	68.2	-21.1	Peak	Vertical
	11047.0	35.4	13.7	49.1	74.0	-24.9	Peak	Vertical
	12228.5	34.9	12.0	46.9	74.0	-27.1	Peak	Vertical
*	14617.0	35.1	15.1	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/m)

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

Test Site	WZ-AC1		Test Engineer	Carl Jiang
Test Date	2022-09-22 ~ 2022-09-23		Test Mode	802.11ac-VHT40 – 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/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	8820.0	38.0	10.2	48.2	68.2	-20.0	Peak	Horizontal
	11038.5	35.4	13.6	49.0	74.0	-25.0	Peak	Horizontal
	12118.0	35.2	12.2	47.4	74.0	-26.6	Peak	Horizontal
*	12832.0	36.8	12.6	49.4	68.2	-18.8	Peak	Horizontal
*	8820.0	39.0	10.2	49.2	68.2	-19.0	Peak	Vertical
*	10146.0	34.5	13.0	47.5	68.2	-20.7	Peak	Vertical
	11030.0	34.6	13.4	48.0	74.0	-26.0	Peak	Vertical
	12245.5	35.6	12.0	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/m)

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

Test Site	WZ-AC1		Test Engineer	Carl Jiang
Test Date	2022-09-22 ~ 2022-09-23		Test Mode	802.11ac-VHT40 – 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/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB/m)	Detector	Polarization
*	8879.5	39.2	10.2	49.4	68.2	-18.8	Peak	Horizontal
	10928.0	35.7	13.5	49.2	74.0	-24.8	Peak	Horizontal
	12296.5	35.7	12.0	47.7	74.0	-26.3	Peak	Horizontal
*	13792.5	35.6	13.9	49.5	68.2	-18.7	Peak	Horizontal
*	8879.5	38.9	10.2	49.1	68.2	-19.1	Peak	Vertical
	11098.0	35.9	13.3	49.2	74.0	-24.8	Peak	Vertical
	12067.0	35.7	12.3	48.0	74.0	-26.0	Peak	Vertical
*	14583.0	35.6	15.0	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/m)

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

Test Site	WZ-AC1		Test Engineer	Carl Jiang
Test Date	2022-09-22 ~ 2022-09-23		Test Mode	802.11ac-VHT40 – 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/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	9075.0	39.9	10.7	50.6	74.0	-23.4	Peak	Horizontal
*	10180.0	34.5	13.2	47.7	68.2	-20.5	Peak	Horizontal
	11489.0	35.4	13.2	48.6	74.0	-25.4	Peak	Horizontal
*	14642.5	35.7	14.7	50.4	68.2	-17.8	Peak	Horizontal
	9075.0	39.3	10.7	50.0	74.0	-24.0	Peak	Vertical
*	10154.5	35.5	12.9	48.4	68.2	-19.8	Peak	Vertical
	11055.5	35.7	13.5	49.2	74.0	-24.8	Peak	Vertical
*	14064.5	35.0	14.5	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/m)

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

Test Site	WZ-AC1		Test Engineer	Carl Jiang
Test Date	2022-09-22 ~ 2022-09-23		Test Mode	802.11ac-VHT40 – 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/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	9143.0	35.8	11.1	46.9	74.0	-27.1	Peak	Horizontal
	10877.0	35.7	13.4	49.1	74.0	-24.9	Peak	Horizontal
*	13503.5	35.7	13.6	49.3	68.2	-18.9	Peak	Horizontal
*	14506.5	36.0	15.0	51.0	68.2	-17.2	Peak	Horizontal
	9134.5	36.4	11.1	47.5	74.0	-26.5	Peak	Vertical
	11064.0	35.9	13.3	49.2	74.0	-24.8	Peak	Vertical
*	14149.5	35.3	14.3	49.6	68.2	-18.6	Peak	Vertical
*	14617.0	35.0	15.1	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/m)

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

Test Site	WZ-AC1	Test Engineer	Carl Jiang
Test Date	2022-09-22 ~ 2022-09-23	Test Mode	802.11ac-VHT40 – 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/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9211.0	40.6	11.5	52.1	68.2	-16.1	Peak	Horizontal
*	10528.5	35.2	13.4	48.6	68.2	-19.6	Peak	Horizontal
	11506.0	35.3	13.2	48.5	74.0	-25.5	Peak	Horizontal
	12432.5	36.4	12.0	48.4	74.0	-25.6	Peak	Horizontal
*	9211.0	38.4	11.5	49.9	68.2	-18.3	Peak	Vertical
	11497.5	35.0	13.3	48.3	74.0	-25.7	Peak	Vertical
	12118.0	35.4	12.2	47.6	74.0	-26.4	Peak	Vertical
*	14770.0	36.1	14.7	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/m)

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

Test Site	WZ-AC1		Test Engineer	Carl Jiang
Test Date	2022-09-22 ~ 2022-09-23		Test Mode	802.11ac-VHT40 – 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/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB/m)	Detector	Polarization
*	9270.5	40.1	11.8	51.9	68.2	-16.3	Peak	Horizontal
	10936.5	34.8	13.6	48.4	74.0	-25.6	Peak	Horizontal
	12007.5	33.9	12.3	46.2	74.0	-27.8	Peak	Horizontal
*	14175.0	35.1	14.6	49.7	68.2	-18.5	Peak	Horizontal
*	9270.5	38.0	11.8	49.8	68.2	-18.4	Peak	Vertical
	10826.0	34.6	13.3	47.9	74.0	-26.1	Peak	Vertical
	12585.5	35.9	11.8	47.7	74.0	-26.3	Peak	Vertical
*	14013.5	36.3	14.1	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/m)

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

Test Site	WZ-AC1		Test Engineer	Carl Jiang
Test Date	2022-09-22 ~ 2022-09-23		Test Mode	802.11ac-VHT80 – 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/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB/m)	Detector	Polarization
*	10239.5	34.4	13.1	47.5	68.2	-20.7	Peak	Horizontal
	11021.5	35.7	13.4	49.1	74.0	-24.9	Peak	Horizontal
	11514.5	35.6	13.0	48.6	74.0	-25.4	Peak	Horizontal
*	13784.0	35.9	14.0	49.9	68.2	-18.3	Peak	Horizontal
*	10273.5	34.9	13.1	48.0	68.2	-20.2	Peak	Vertical
	11072.5	35.2	13.3	48.5	74.0	-25.5	Peak	Vertical
	12211.5	36.2	12.2	48.4	74.0	-25.6	Peak	Vertical
*	13784.0	35.7	14.0	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/m)

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

Test Site	WZ-AC1		Test Engineer	Carl Jiang
Test Date	2022-09-22 ~ 2022-09-23		Test Mode	802.11ac-VHT80 – 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/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB/m)	Detector	Polarization
*	10248.0	34.4	13.1	47.5	68.2	-20.7	Peak	Horizontal
	11497.5	34.7	13.3	48.0	74.0	-26.0	Peak	Horizontal
	12169.0	36.1	12.2	48.3	74.0	-25.7	Peak	Horizontal
*	13724.5	35.9	13.8	49.7	68.2	-18.5	Peak	Horizontal
*	10197.0	34.6	13.0	47.6	68.2	-20.6	Peak	Vertical
	10902.5	35.4	13.4	48.8	74.0	-25.2	Peak	Vertical
	12543.0	35.6	11.8	47.4	74.0	-26.6	Peak	Vertical
*	14115.5	35.0	14.3	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/m)

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

Test Site	WZ-AC1				Test Engineer	Carl Jiang		
Test Date	2022-09-22 ~ 2022-09-23				Test Mode	802.11ac-VHT80 – 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/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	8845.5	38.7	10.2	48.9	68.2	-19.3	Peak	Horizontal
	11293.5	36.1	12.7	48.8	74.0	-25.2	Peak	Horizontal
	12296.5	35.2	12.0	47.2	74.0	-26.8	Peak	Horizontal
*	14107.0	35.4	14.3	49.7	68.2	-18.5	Peak	Horizontal
*	8845.5	39.4	10.2	49.6	68.2	-18.6	Peak	Vertical
	11089.5	35.4	13.3	48.7	74.0	-25.3	Peak	Vertical
	12237.0	35.8	11.9	47.7	74.0	-26.3	Peak	Vertical
*	14685.0	35.4	14.8	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/m)

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

Test Site	WZ-AC1		Test Engineer	Carl Jiang
Test Date	2022-09-22 ~ 2022-09-23		Test Mode	802.11ac-VHT80 – 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/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	8973.0	40.9	10.5	51.4	68.2	-16.8	Peak	Horizontal
*	10392.5	34.4	13.3	47.7	68.2	-20.5	Peak	Horizontal
	11378.5	33.4	12.8	46.2	74.0	-27.8	Peak	Horizontal
	12347.5	34.4	12.0	46.4	74.0	-27.6	Peak	Horizontal
*	8973.0	40.1	10.5	50.6	68.2	-17.6	Peak	Vertical
	11004.5	35.0	13.5	48.5	74.0	-25.5	Peak	Vertical
	12135.0	35.2	12.2	47.4	74.0	-26.6	Peak	Vertical
*	14770.0	35.1	14.7	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/m)

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

Test Site	WZ-AC1		Test Engineer	Carl Jiang
Test Date	2022-09-22 ~ 2022-09-23		Test Mode	802.11ac-VHT80 – 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.			

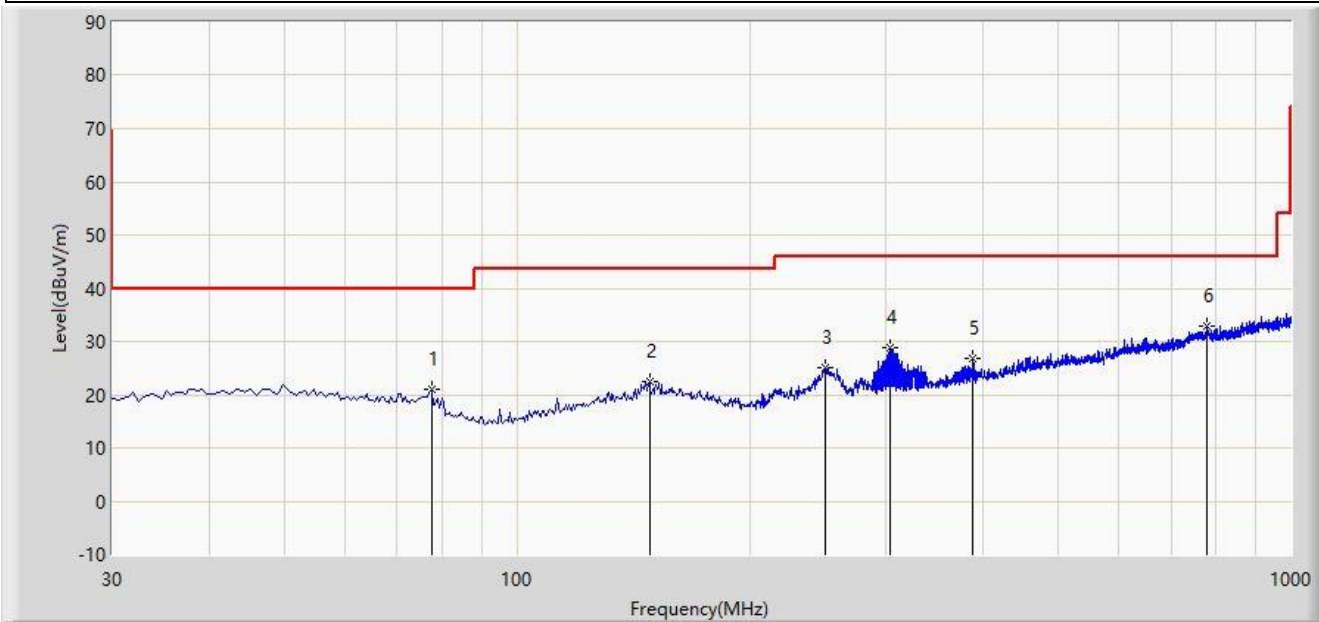| Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB/m)	Detector	Polarization
	10885.5	35.5	13.4	48.9	74.0	-25.1	Peak	Horizontal
	12135.0	36.6	12.2	48.8	74.0	-25.2	Peak	Horizontal
*	13869.0	36.1	14.1	50.2	68.2	-18.0	Peak	Horizontal
*	14600.0	35.7	14.9	50.6	68.2	-17.6	Peak	Horizontal
	10877.0	36.1	13.4	49.5	74.0	-24.5	Peak	Vertical
	12067.0	36.4	12.3	48.7	74.0	-25.3	Peak	Vertical
*	13716.0	36.1	13.7	49.8	68.2	-18.4	Peak	Vertical
*	14583.0	35.8	15.0	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/m)

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

Test Site	WZ-AC1	Test Engineer	Carl Jiang
Test Date	2022-09-22 ~ 2022-09-23	Test Mode	802.11ac-VHT80 – 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/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB/m)	Detector	Polarization
*	9236.5	40.4	11.7	52.1	68.2	-16.1	Peak	Horizontal
	10894.0	35.4	13.4	48.8	74.0	-25.2	Peak	Horizontal
	12067.0	36.2	12.3	48.5	74.0	-25.5	Peak	Horizontal
*	14685.0	35.9	14.8	50.7	68.2	-17.5	Peak	Horizontal
*	9236.5	38.3	11.7	50.0	68.2	-18.2	Peak	Vertical
	10877.0	35.2	13.4	48.6	74.0	-25.4	Peak	Vertical
	11582.5	36.3	12.6	48.9	74.0	-25.1	Peak	Vertical
*	14829.5	35.5	14.6	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/m)

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

The Result of Radiated Emission below 1GHz:

Site: WZ-AC1	Test Date: 2022-10-08
Limit: FCC_Part 15_15.209 RE(3m)	Engineer: Carl Jiang
Probe: VULB 9168_25-2000MHz	Polarity: Horizontal
EUT: Barcode Reader	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5785MHz	

No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		77.530	21.065	6.385	-18.935	40.000	14.680	PK
2		148.340	22.482	4.552	-21.018	43.500	17.930	PK
3		250.190	25.046	8.361	-20.954	46.000	16.685	PK
4		304.025	28.939	10.445	-17.061	46.000	18.493	PK
5		388.415	26.802	6.259	-19.198	46.000	20.543	PK
6	*	779.810	32.754	4.549	-13.246	46.000	28.205	PK

Note 1: " * ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Note 4: Quasi-Peak measurement was not performed when peak measure level was lower than the quasi-peak limit.

Note 5: 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: WZ-AC1	Test Date: 2022-10-08
Limit: FCC_Part 15_15.209 RE(3m)	Engineer: Carl Jiang
Probe: VULB 9168_25-2000MHz	Polarity: Vertical
EUT: Barcode Reader	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5785MHz	
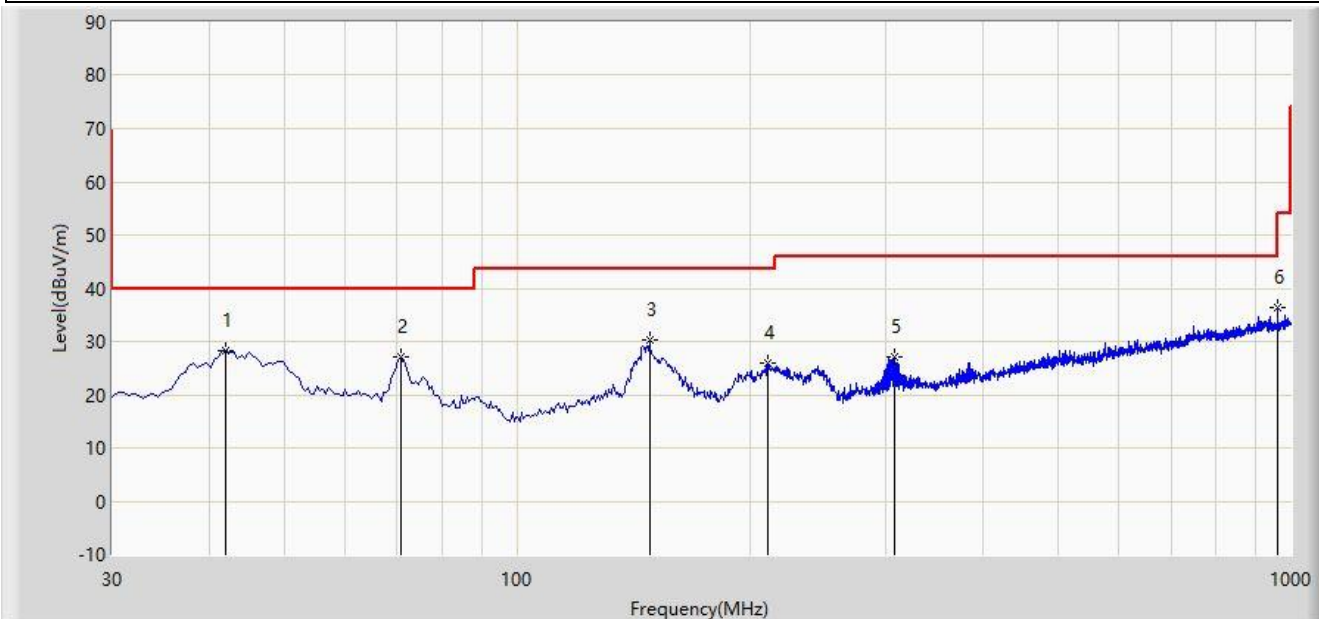
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		42.125	28.336	10.007	-11.664	40.000	18.330	PK
2		70.740	27.083	11.029	-12.917	40.000	16.054	PK
3		148.340	30.293	12.363	-13.207	43.500	17.930	PK
4		210.905	25.817	11.165	-17.683	43.500	14.653	PK
5		307.420	26.961	8.342	-19.039	46.000	18.619	PK
6	*	959.745	36.322	6.548	-9.678	46.000	29.774	PK

Note 1: " * ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Note 4: Quasi-Peak measurement was not performed when peak measure level was lower than the quasi-peak limit.

Note 5: 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.

A.8 Radiated Restricted Band Edge Test Result

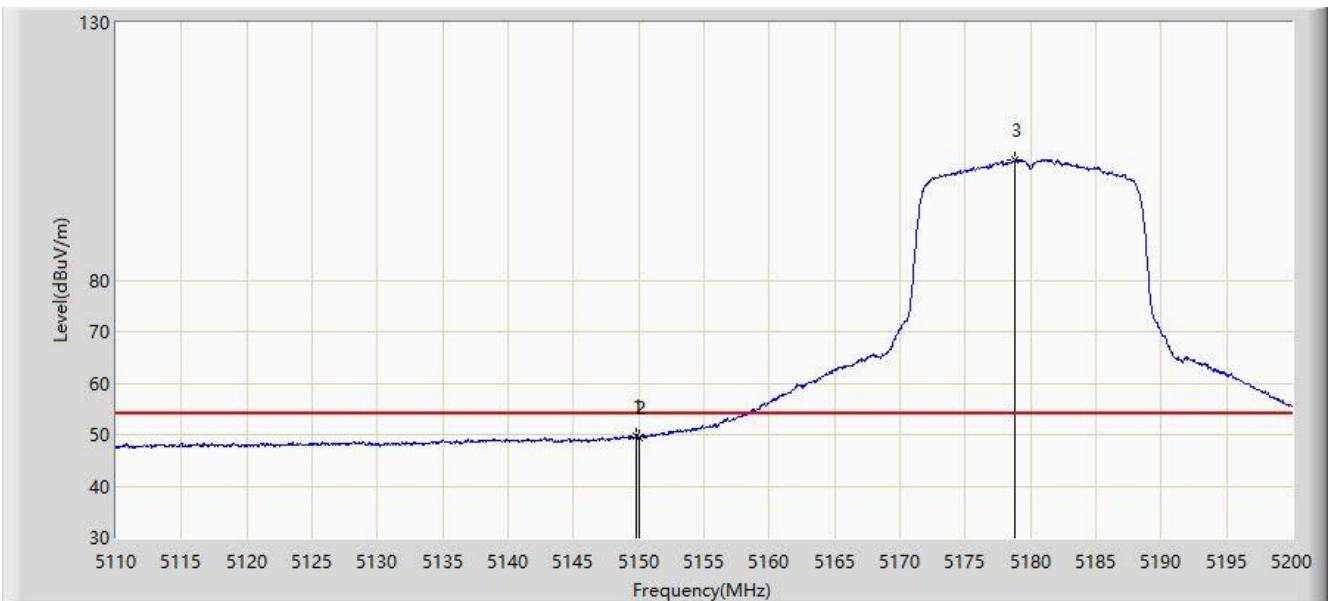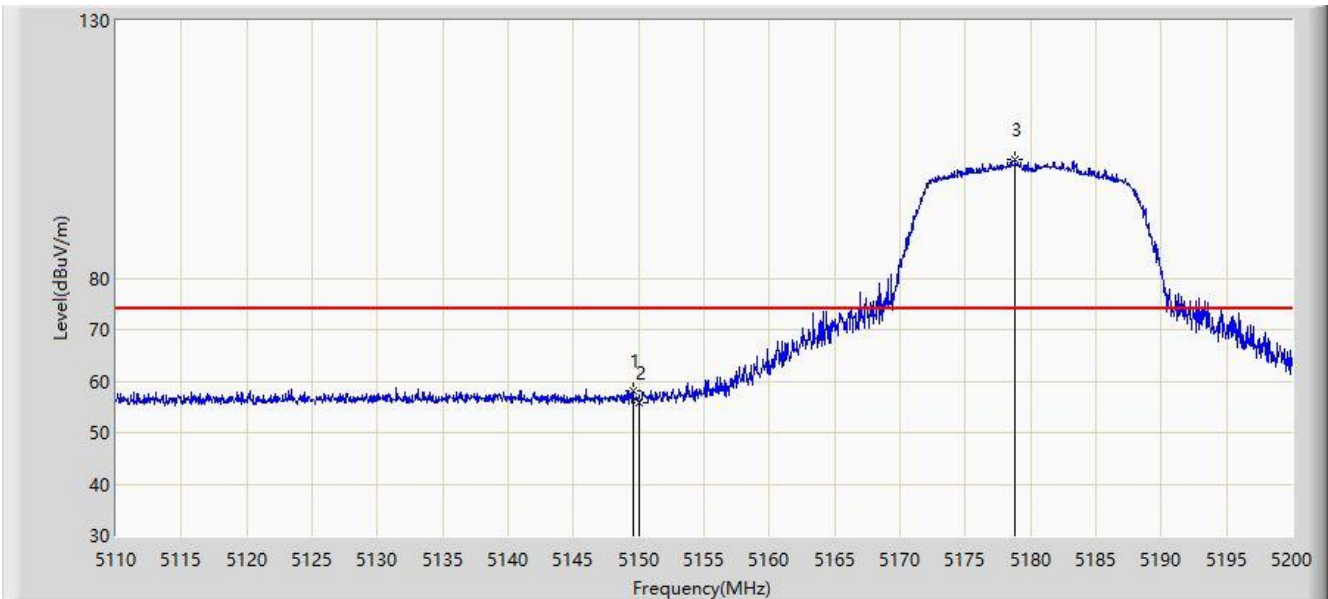|	
Site: WZ-AC1	Test Date: 2022-09-20
Limit: FCC_Part 15_15.209 RE(3m)	Engineer: Carl Jiang
Probe: BBHA9120D_1167_1-18GHz	Polarity: Horizontal
EUT: Barcode Reader	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5180MHz	
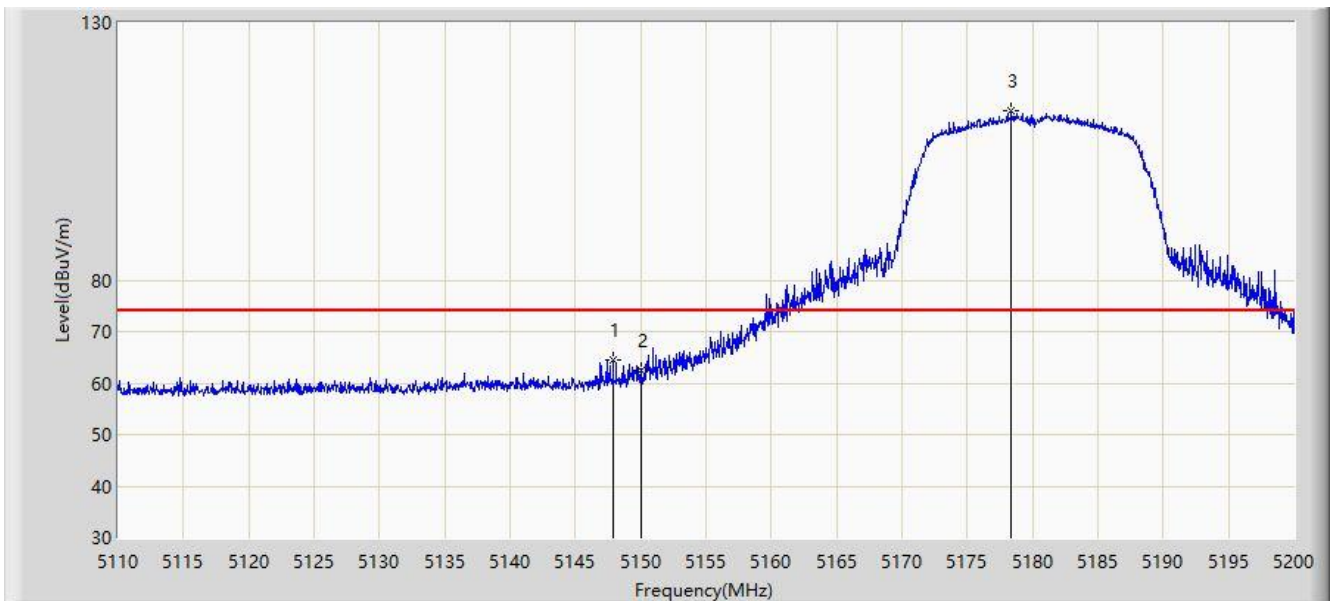
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5147.890	64.516	60.867	-9.484	74.000	3.649	PK
2		5150.000	62.464	58.823	-11.536	74.000	3.641	PK
3		5178.355	112.838	109.502	N/A	N/A	3.336	PK

Note 1: " * ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

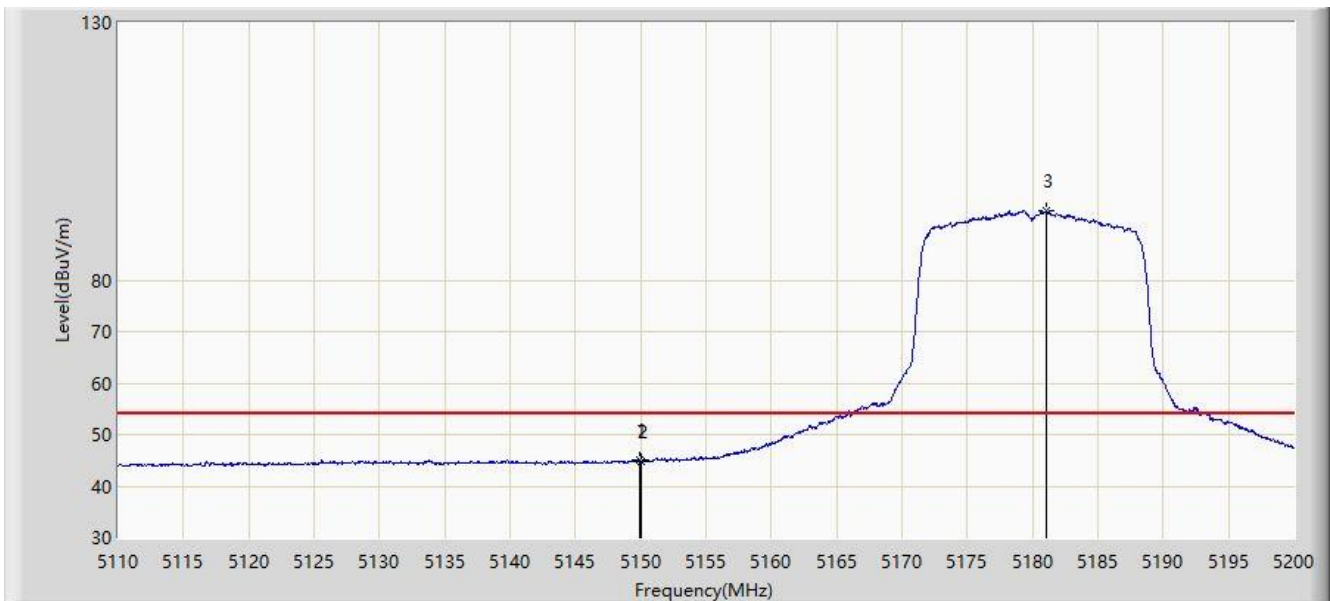| Site: WZ-AC1	Test Date: 2022-09-20
Limit: FCC_Part 15_15.209 RE(3m)	Engineer: Carl Jiang
Probe: BBHA9120D_1167_1-18GHz	Polarity: Horizontal
EUT: Barcode Reader	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5180MHz	

No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5149.825	49.663	46.022	-4.337	54.000	3.642	AV
2		5150.000	49.462	45.821	-4.538	54.000	3.641	AV
3		5178.805	103.363	100.028	N/A	N/A	3.335	AV

Note 1: " * ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: WZ-AC1	Test Date: 2022-09-20
Limit: FCC_Part 15_15.209 RE(3m)	Engineer: Carl Jiang
Probe: BBHA9120D_1167_1-18GHz	Polarity: Vertical
EUT: Barcode Reader	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5180MHz	

No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5149.555	57.984	54.341	-16.016	74.000	3.643	PK
2		5150.000	55.857	52.216	-18.143	74.000	3.641	PK
3		5178.805	103.024	99.689	N/A	N/A	3.335	PK

Note 1: " * ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

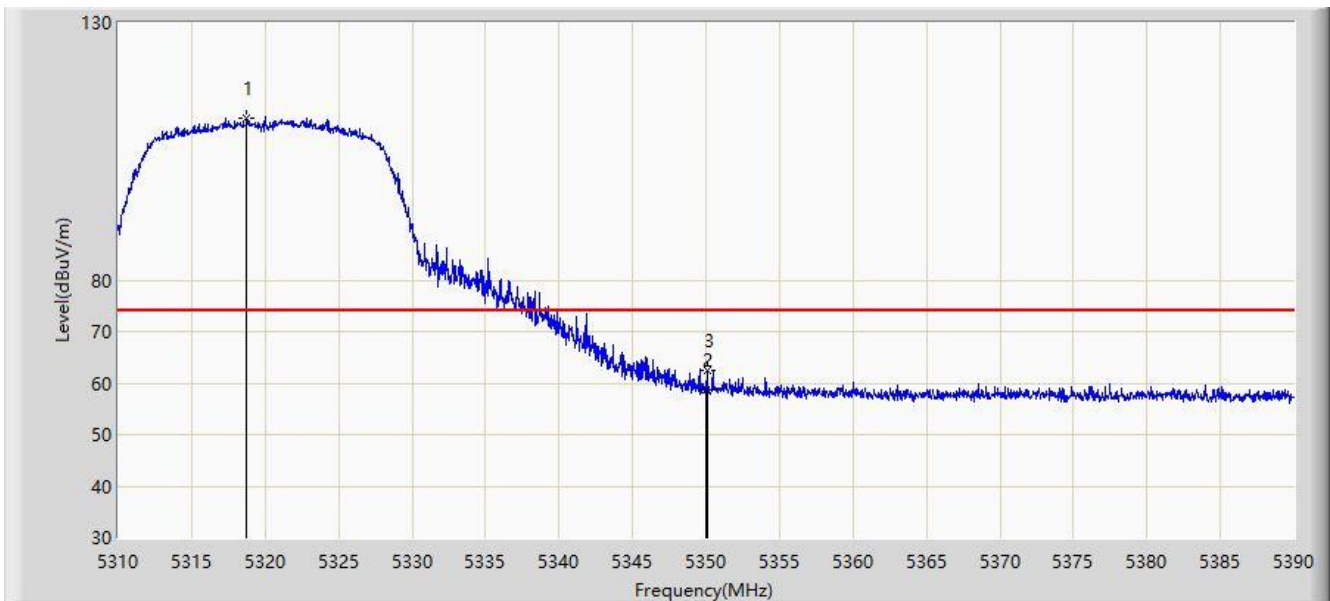| Site: WZ-AC1	Test Date: 2022-09-20
Limit: FCC_Part 15_15.209 RE(3m)	Engineer: Carl Jiang
Probe: BBHA9120D_1167_1-18GHz	Polarity: Vertical
EUT: Barcode Reader	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5180MHz	

No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5149.870	45.049	41.408	-8.951	54.000	3.642	AV
2		5150.000	44.790	41.149	-9.210	54.000	3.641	AV
3		5181.055	93.554	90.222	N/A	N/A	3.332	AV

Note 1: " * ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

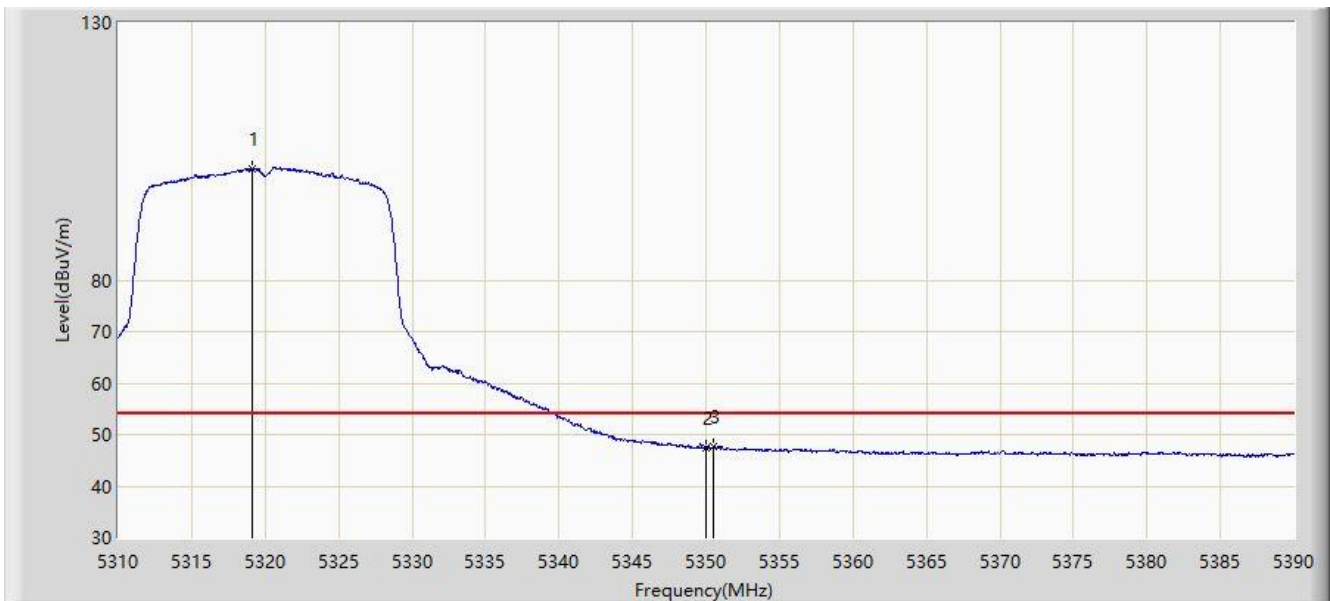| Site: WZ-AC1	Test Date: 2022-09-20
Limit: FCC_Part 15_15.209 RE(3m)	Engineer: Carl Jiang
Probe: BBHA9120D_1167_1-18GHz	Polarity: Horizontal
EUT: Barcode Reader	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5320MHz	

No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5318.720	111.560	108.160	N/A	N/A	3.400	PK
2		5350.000	58.654	55.309	-15.346	74.000	3.344	PK
3	*	5350.080	62.489	59.145	-11.511	74.000	3.344	PK

Note 1: " * ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

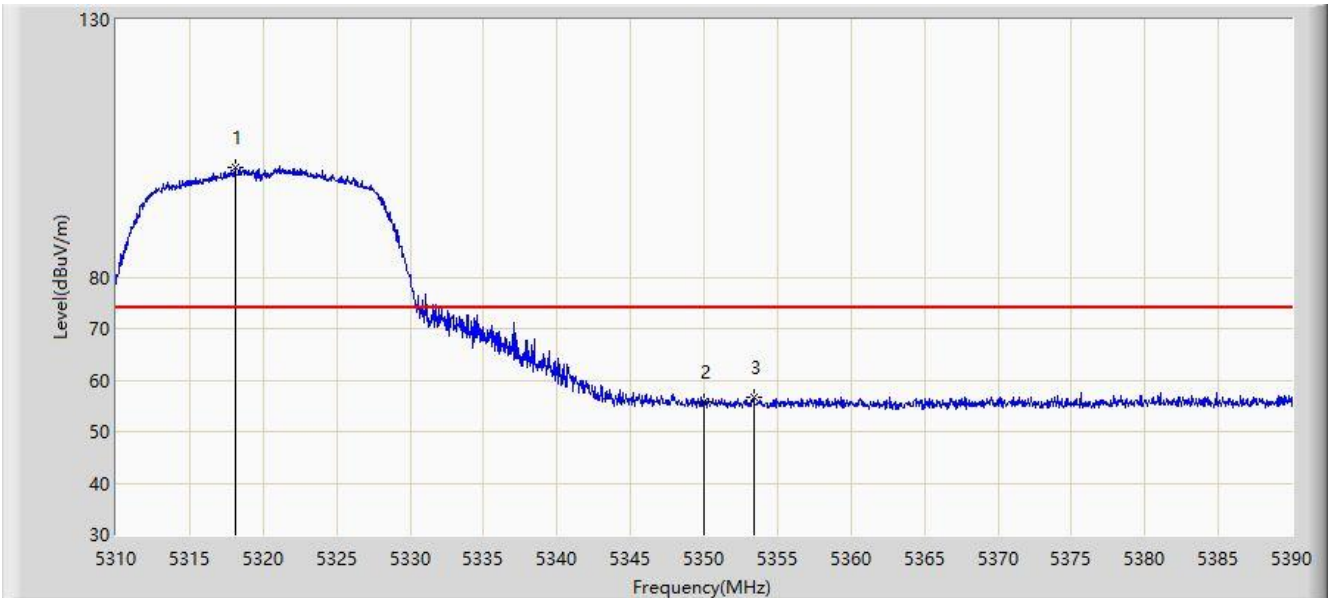| Site: WZ-AC1	Test Date: 2022-09-20
Limit: FCC_Part 15_15.209 RE(3m)	Engineer: Carl Jiang
Probe: BBHA9120D_1167_1-18GHz	Polarity: Horizontal
EUT: Barcode Reader	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5320MHz	

No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5319.160	101.631	98.230	N/A	N/A	3.401	AV
2		5350.000	47.408	44.063	-6.592	54.000	3.344	AV
3	*	5350.520	47.744	44.408	-6.256	54.000	3.336	AV

Note 1: " * ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

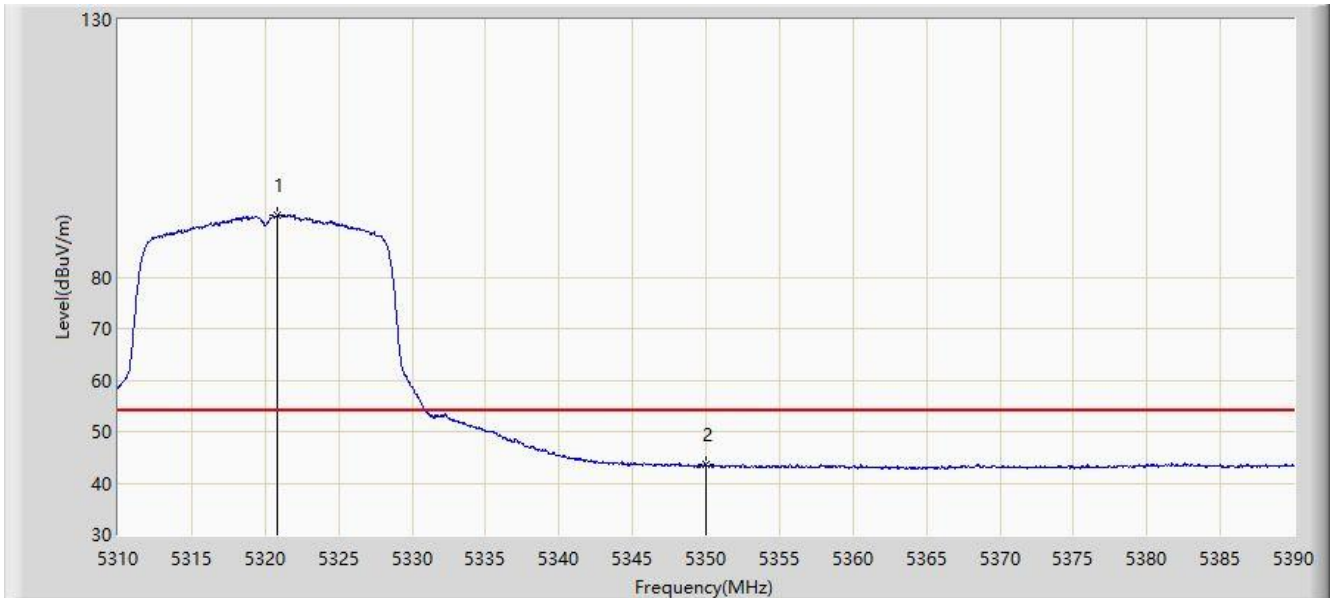| Site: WZ-AC1	Test Date: 2022-09-20
Limit: FCC_Part 15_15.209 RE(3m)	Engineer: Carl Jiang
Probe: BBHA9120D_1167_1-18GHz	Polarity: Vertical
EUT: Barcode Reader	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5320MHz	

No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5318.080	101.417	98.017	N/A	N/A	3.399	PK
2		5350.000	55.662	52.317	-18.338	74.000	3.344	PK
3	*	5353.360	56.737	53.430	-17.263	74.000	3.307	PK

Note 1: " * ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

| Site: WZ-AC1	Test Date: 2022-09-20
Limit: FCC_Part 15_15.209 RE(3m)	Engineer: Carl Jiang
Probe: BBHA9120D_1167_1-18GHz	Polarity: Vertical
EUT: Barcode Reader	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5320MHz	

No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5320.840	92.031	88.628	N/A	N/A	3.403	AV
2	*	5350.000	43.539	40.194	-10.461	54.000	3.344	AV

Note 1: " * ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: WZ-AC1	Test Date: 2022-09-20
Limit: FCC_Part 15_15.209 RE(3m)	Engineer: Carl Jiang
Probe: BBHA9120D_1167_1-18GHz	Polarity: Horizontal
EUT: Barcode Reader	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5500MHz	
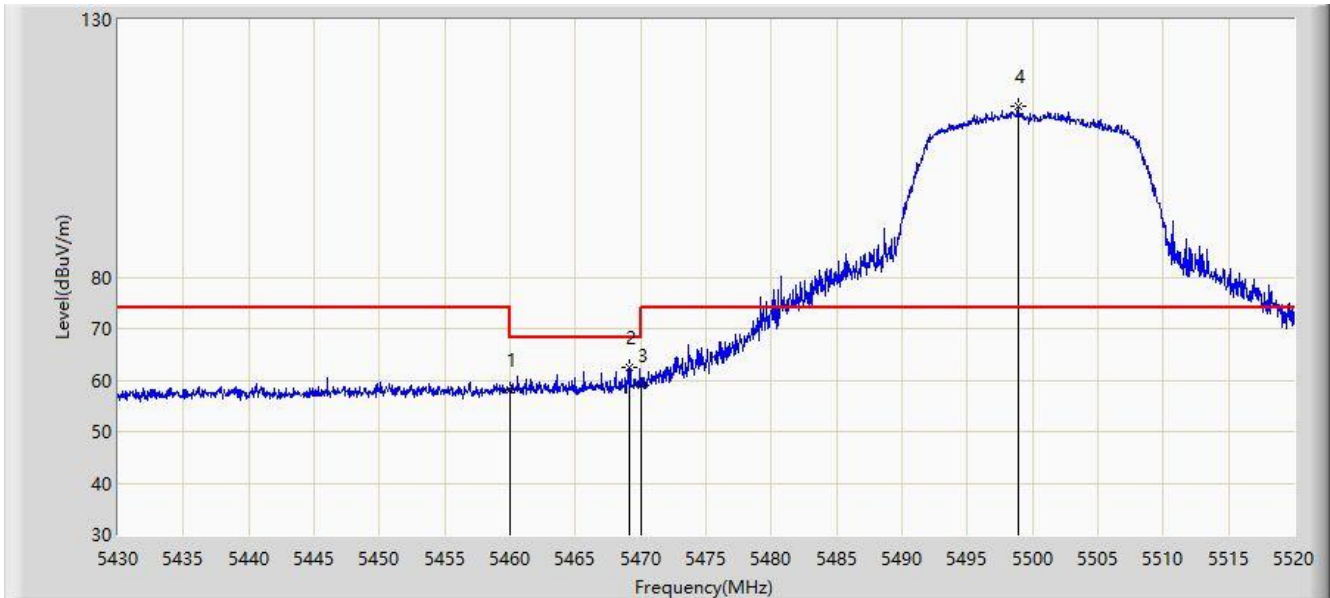
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5460.000	58.034	54.404	-15.966	74.000	3.630	PK
2	*	5469.150	62.592	58.906	-5.608	68.200	3.686	PK
3		5470.000	59.083	55.392	-9.117	68.200	3.691	PK
4		5498.895	113.156	109.259	N/A	N/A	3.896	PK

Note 1: " * ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).