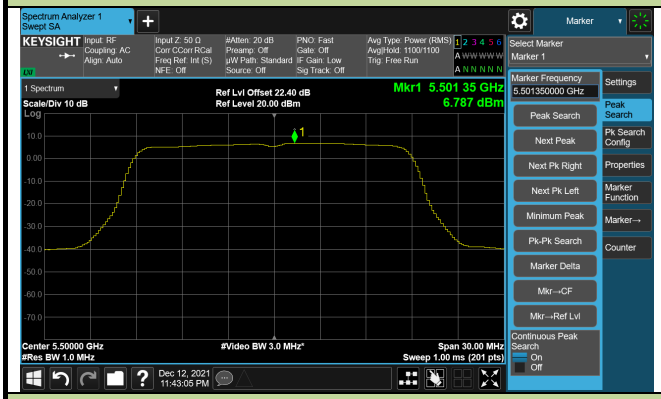
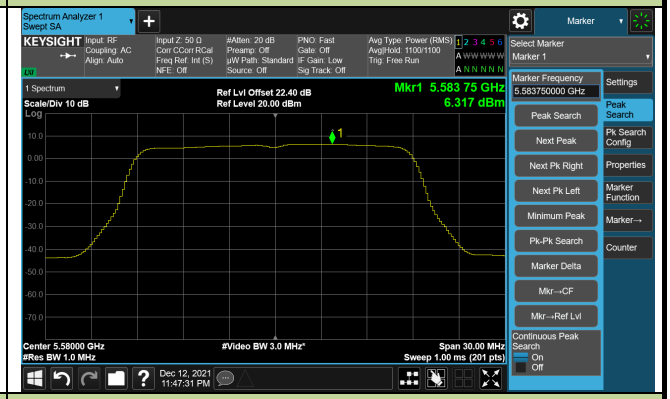
802.11ac-VHT20 Power Spectral Density- Ant 1

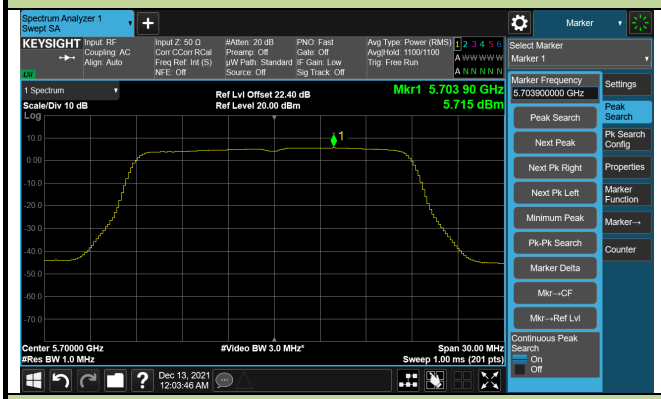
Channel 100 (5500MHz)



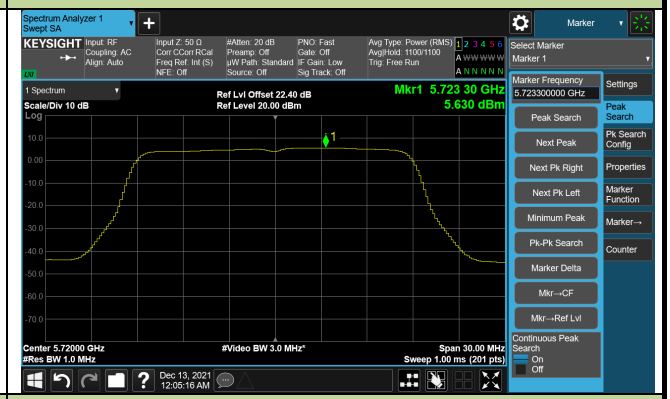
Channel 116 (5580MHz)



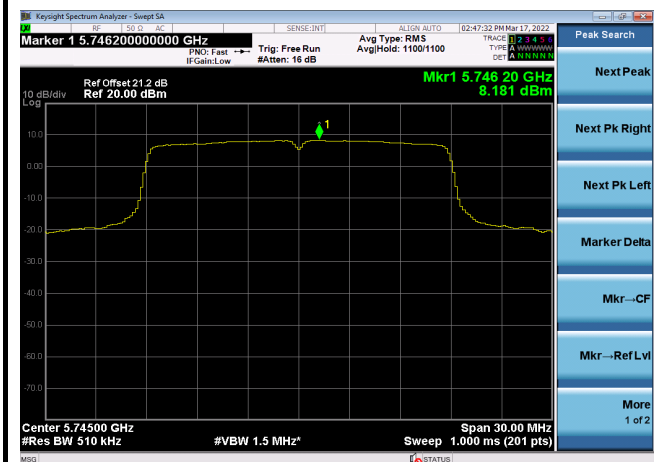
Channel 140 (5700MHz)



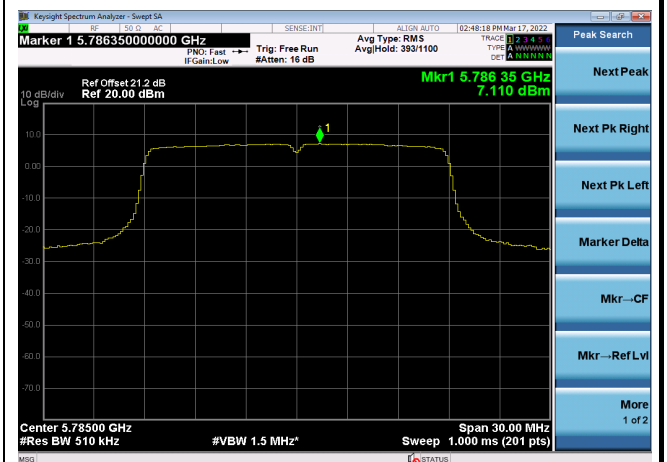
Channel 144(5720MHz)

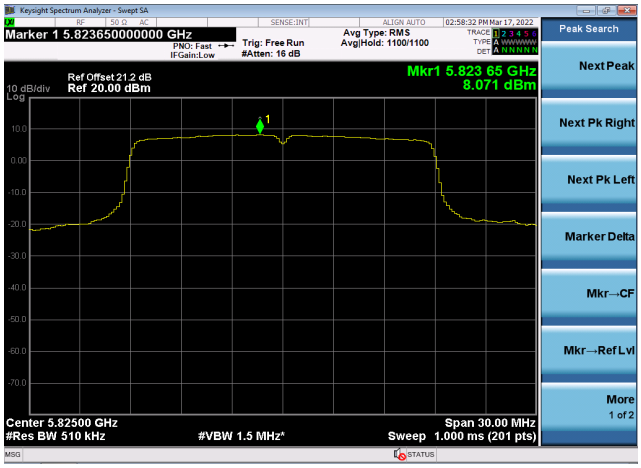


Channel 149 (5745MHz)



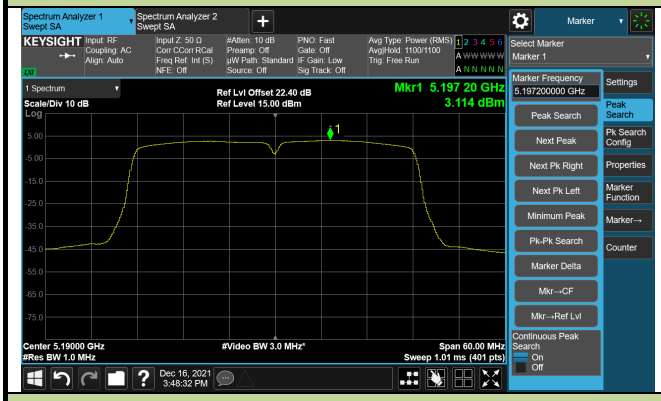
Channel 157 (5785MHz)



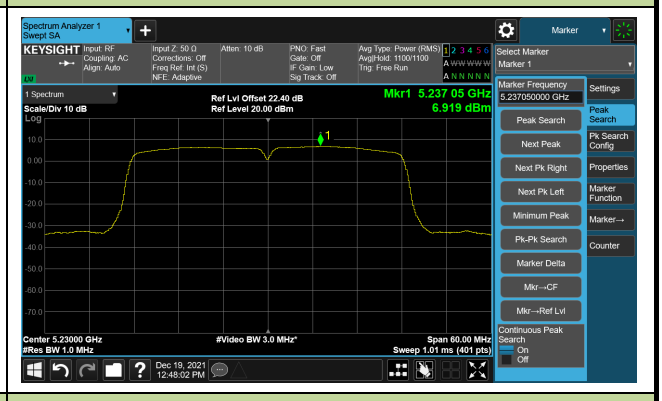
802.11ac-VHT20 Power Spectral Density- Ant 1	
Channel 165 (5825MHz)	
	

802.11ac-VHT40 Power Spectral Density- Ant 1

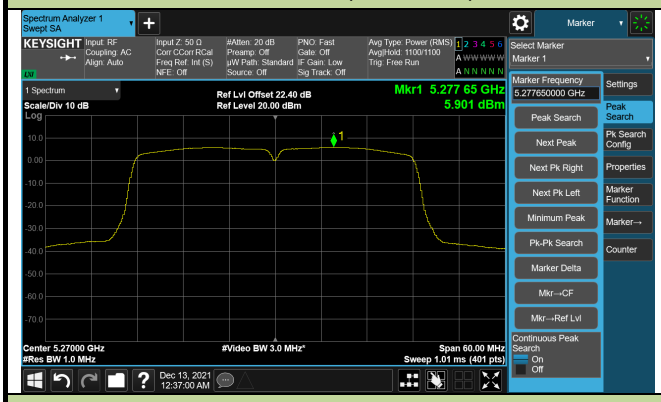
Channel 38 (5190MHz)



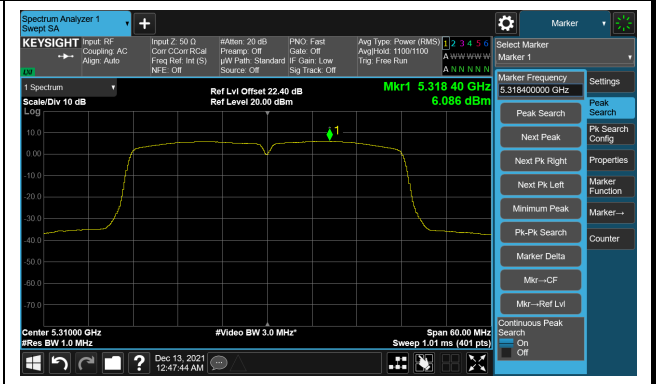
Channel 46 (5230MHz)



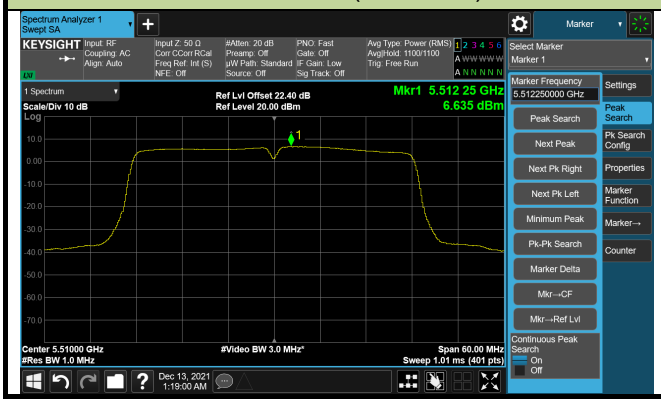
Channel 54 (5270MHz)



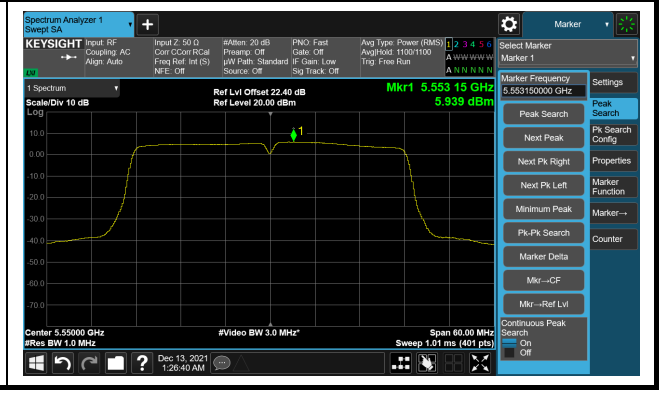
Channel 62 (5310MHz)

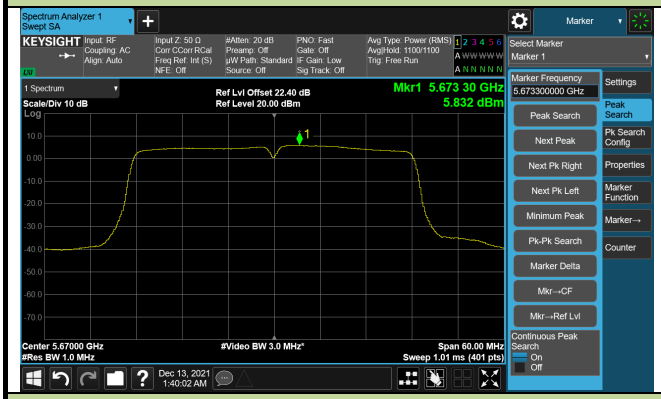
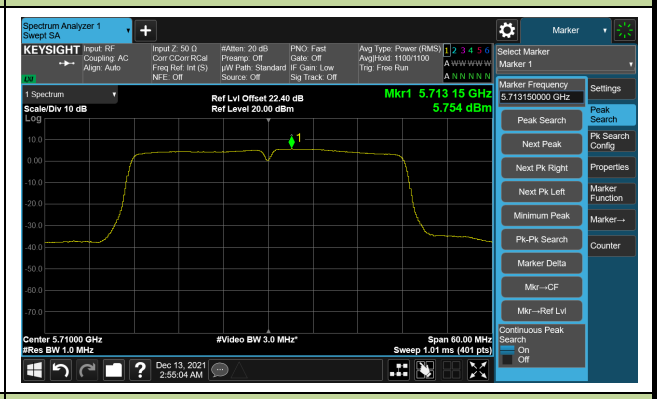
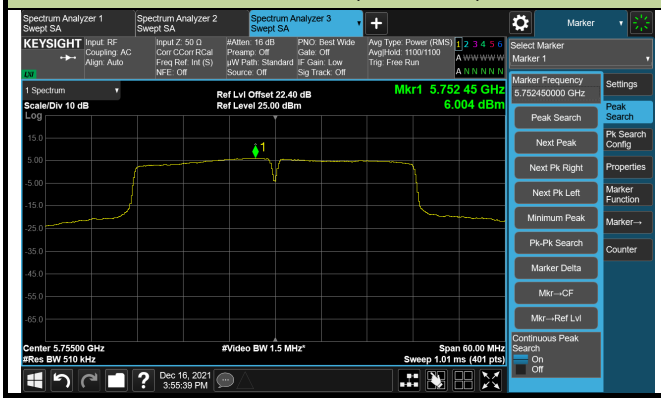
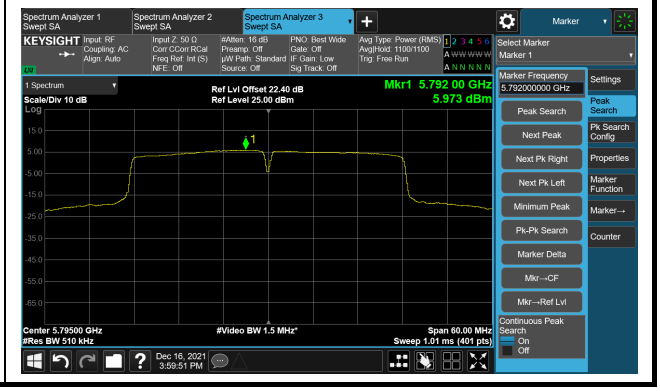


Channel 102 (5510MHz)



Channel 110 (5550MHz)

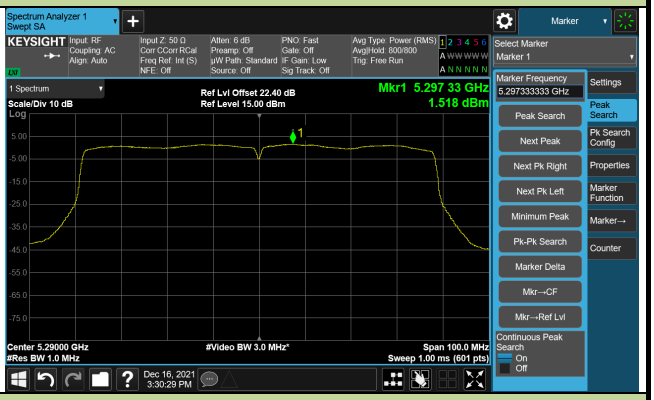


802.11ac-VHT40 Power Spectral Density- Ant 1	
Channel 134 (5670MHz)	Channel 142(5710MHz)
	
Channel 151 (5755MHz)	Channel 159 (5795MHz)
	

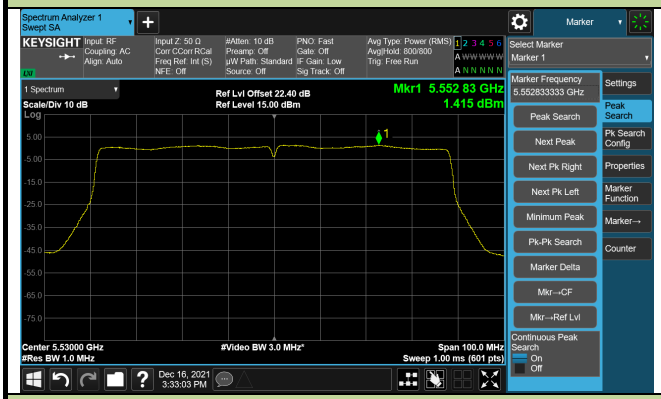
802.11ac-VHT80 Power Spectral Density- Ant 1

Channel 42 (5210MHz)

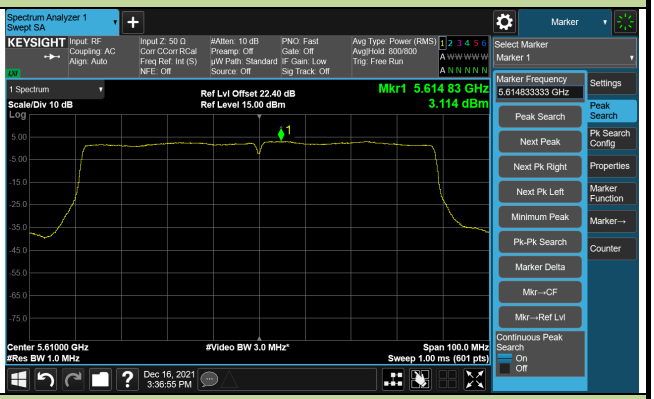
Channel 58 (5290MHz)



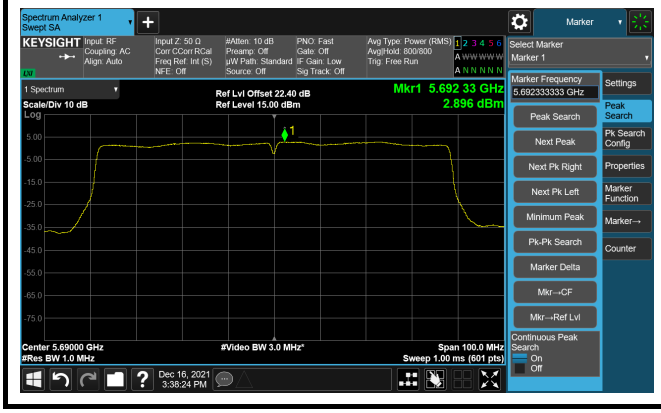
Channel 106 (5530MHz)



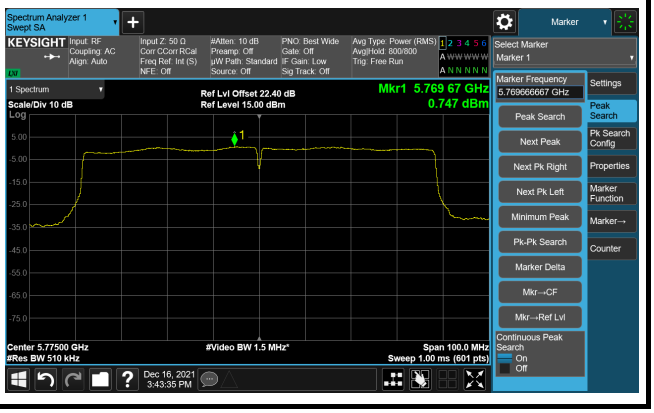
Channel 122 (5610MHz)



Channel 138 (5690MHz)



Channel 155 (5775MHz)



A.6 Frequency Stability Test Result

Test Site	WZ-TR3	Test Engineer	Liz Yuan
Test Date	2022/03/18	Test Mode	5180MHz (Carrier Mode)

Voltage (%)	Power (VAC)	Temp (°C)	Frequency Tolerance (ppm)			
			0 minutes	2 minutes	5 minutes	10 minutes
100	120	- 30	-1.93	-1.94	-1.98	-2.04
		- 20	-2.07	-2.09	-2.14	-2.17
		- 10	-2.40	-2.44	-2.42	-2.42
		0	-2.42	-2.44	-2.45	-2.50
		+ 10	-2.52	-2.54	-2.55	-2.57
		+ 20	-2.59	-2.61	-2.63	-2.65
		+ 30	-2.67	-2.69	-2.71	-2.72
		+ 40	-2.75	-2.76	-2.77	-2.78
		+ 50	-2.80	-2.81	-3.06	-3.08
115	138	+ 20	-3.12	-3.13	-3.31	-3.32
85	102	+ 20	-3.32	-3.32	-3.32	-3.32

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

A.7 Radiated Spurious Emission Test Result

Test Site	WZ-AC1	Test Engineer	Hyde Yu
Test Date	2022/03/15	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)	Detector	Polarization
*	8684.0	36.8	10.6	47.4	68.2	-20.8	Peak	Horizontal
*	10358.5	38.5	13.5	52.0	68.2	-16.2	Peak	Horizontal
	10783.5	36.5	13.7	50.2	74.0	-23.8	Peak	Horizontal
	12500.5	37.8	12.7	50.5	74.0	-23.5	Peak	Horizontal
	8259.0	37.0	9.4	46.4	74.0	-27.6	Peak	Vertical
*	8718.0	35.6	10.8	46.4	68.2	-21.8	Peak	Vertical
*	10350.0	38.4	13.5	51.9	68.2	-16.3	Peak	Vertical
	11514.5	36.6	13.0	49.6	74.0	-24.4	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	Hyde Yu
Test Date	2022/03/15	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)	Detector	Polarization
*	8803.0	36.1	11.0	47.1	68.2	-21.1	Peak	Horizontal
*	10443.5	41.3	13.6	54.9	68.2	-13.3	Peak	Horizontal
	12500.5	37.5	12.7	50.2	74.0	-23.8	Peak	Horizontal
	15654.0	39.4	12.9	52.3	74.0	-21.7	Peak	Horizontal
	15654.0	28.5	12.9	41.4	54.0	-12.6	Average	Horizontal
	8199.5	36.4	9.5	45.9	74.0	-28.1	Peak	Vertical
*	8709.5	36.1	10.8	46.9	68.2	-21.3	Peak	Vertical
*	10435.0	42.4	13.7	56.1	68.2	-12.1	Peak	Vertical
	12033.0	37.9	12.7	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/m)

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

Test Site	WZ-AC1	Test Engineer	Hyde Yu
Test Date	2022/03/15	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)	Detector	Polarization
*	9551.0	34.9	12.5	47.4	68.2	-20.8	Peak	Horizontal
*	10477.5	41.2	13.8	55.0	68.2	-13.2	Peak	Horizontal
	12211.5	36.4	12.9	49.3	74.0	-24.7	Peak	Horizontal
	15722.0	41.0	12.8	53.8	74.0	-20.2	Peak	Horizontal
	15722.0	30.3	12.8	43.1	54.0	-10.9	Average	Horizontal
	8369.5	36.1	9.6	45.7	74.0	-28.3	Peak	Vertical
*	10486.0	42.5	13.7	56.2	68.2	-12.0	Peak	Vertical
	11157.5	36.1	13.2	49.3	74.0	-24.7	Peak	Vertical
*	14685.0	36.6	15.0	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/m)

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

Test Site	WZ-AC1	Test Engineer	Hyde Yu
Test Date	2022/03/15	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)	Detector	Polarization
*	8701.0	36.9	10.8	47.7	68.2	-20.5	Peak	Horizontal
	10945.0	35.4	13.7	49.1	74.0	-24.9	Peak	Horizontal
	11506.0	35.4	13.2	48.6	74.0	-25.4	Peak	Horizontal
*	13784.0	35.9	14.2	50.1	68.2	-18.1	Peak	Horizontal
	8352.5	34.4	9.4	43.8	74.0	-30.2	Peak	Vertical
*	9568.0	35.6	12.6	48.2	68.2	-20.0	Peak	Vertical
*	10520.0	36.7	13.8	50.5	68.2	-17.7	Peak	Vertical
	12152.0	35.7	12.7	48.4	74.0	-25.6	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	Hyde Yu
Test Date	2022/03/15	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)	Detector	Polarization
	8276.0	33.7	9.3	43.0	74.0	-31.0	Peak	Horizontal
*	9857.0	32.4	12.7	45.1	68.2	-23.1	Peak	Horizontal
*	10596.5	38.1	13.7	51.8	68.2	-16.4	Peak	Horizontal
	12160.5	36.1	12.7	48.8	74.0	-25.2	Peak	Horizontal
	7545.0	36.9	8.8	45.7	74.0	-28.3	Peak	Vertical
*	8667.0	35.4	10.6	46.0	68.2	-22.2	Peak	Vertical
*	10095.0	35.6	13.0	48.6	68.2	-19.6	Peak	Vertical
	11455.0	36.1	13.1	49.2	74.0	-24.8	Peak	Vertical

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

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

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

Test Site	WZ-AC1	Test Engineer	Hyde Yu
Test Date	2022/03/15	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)	Detector	Polarization
	8276.0	36.2	9.3	45.5	74.0	-28.5	Peak	Horizontal
*	10154.5	34.7	13.2	47.9	68.2	-20.3	Peak	Horizontal
	10639.0	38.2	13.6	51.8	74.0	-22.2	Peak	Horizontal
	10639.0	28.7	13.6	42.3	54.0	-11.7	Average	Horizontal
*	13112.5	35.9	13.7	49.6	68.2	-18.6	Peak	Horizontal
*	10146.0	35.8	13.1	48.9	68.2	-19.3	Peak	Vertical
	10639.0	38.8	13.6	52.4	74.0	-21.6	Peak	Vertical
	10639.0	28.8	13.6	42.4	54.0	-11.6	Average	Vertical
	11251.0	36.2	13.1	49.3	74.0	-24.7	Peak	Vertical
*	14098.5	35.9	14.6	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/m)

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

Test Site	WZ-AC1	Test Engineer	Hyde Yu
Test Date	2022/03/15	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)	Detector	Polarization
*	10171.5	34.7	13.4	48.1	68.2	-20.1	Peak	Horizontal
	10996.0	38.3	13.6	51.9	74.0	-22.1	Peak	Horizontal
	10996.0	28.4	13.6	42.0	54.0	-12.0	Average	Horizontal
	12143.5	35.6	12.8	48.4	74.0	-25.6	Peak	Horizontal
*	14158.0	36.2	14.8	51.0	68.2	-17.2	Peak	Horizontal
	8182.5	36.2	9.4	45.6	74.0	-28.4	Peak	Vertical
*	9746.5	34.9	12.6	47.5	68.2	-20.7	Peak	Vertical
*	10273.5	34.7	13.4	48.1	68.2	-20.1	Peak	Vertical
	11004.0	38.4	13.5	51.9	54.0	-2.1	Average	Vertical
	11004.5	44.1	13.5	57.6	74.0	-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/m)

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

Test Site	WZ-AC1	Test Engineer	Hyde Yu
Test Date	2022/03/15	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)	Detector	Polarization
*	10418.0	35.1	13.6	48.7	68.2	-19.5	Peak	Horizontal
	11157.5	37.7	13.2	50.9	74.0	-23.1	Peak	Horizontal
	12500.5	36.7	12.7	49.4	74.0	-24.6	Peak	Horizontal
*	13988.0	35.4	14.6	50.0	68.2	-18.2	Peak	Horizontal
	8318.5	36.2	9.5	45.7	74.0	-28.3	Peak	Vertical
*	10180.0	34.8	13.5	48.3	68.2	-19.9	Peak	Vertical
	11166.0	41.2	13.2	54.4	74.0	-19.6	Peak	Vertical
	11166.0	32.4	13.2	45.6	54.0	-8.4	Average	Vertical
*	13724.5	34.9	14.2	49.1	68.2	-19.1	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	Hyde Yu
Test Date	2022/03/15	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)	Detector	Polarization
*	10103.5	34.2	13.0	47.2	68.2	-21.0	Peak	Horizontal
	11404.0	36.6	13.2	49.8	74.0	-24.2	Peak	Horizontal
	12101.0	36.5	12.8	49.3	74.0	-24.7	Peak	Horizontal
*	14081.5	34.9	14.6	49.5	68.2	-18.7	Peak	Horizontal
*	10486.0	34.6	13.7	48.3	68.2	-19.9	Peak	Vertical
	11404.0	37.1	13.2	50.3	74.0	-23.7	Peak	Vertical
	12568.5	35.7	12.8	48.5	74.0	-25.5	Peak	Vertical
*	13852.0	34.4	14.2	48.6	68.2	-19.6	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	Hyde Yu
Test Date	2022/03/15	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)	Detector	Polarization
*	8879.5	35.7	11.1	46.8	68.2	-21.4	Peak	Horizontal
*	10341.5	34.9	13.5	48.4	68.2	-19.8	Peak	Horizontal
	11489.0	35.7	13.3	49.0	74.0	-25.0	Peak	Horizontal
	12500.5	37.4	12.7	50.1	74.0	-23.9	Peak	Horizontal
*	10375.5	34.8	13.6	48.4	68.2	-19.8	Peak	Vertical
	11429.5	37.5	13.2	50.7	74.0	-23.3	Peak	Vertical
	12220.0	35.5	12.8	48.3	74.0	-25.7	Peak	Vertical
*	13937.0	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	Hyde Yu
Test Date	2022/03/15	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)	Detector	Polarization
*	10180.0	34.4	13.5	47.9	68.2	-20.3	Peak	Horizontal
	11489.0	47.5	13.3	60.8	74.0	-13.2	Peak	Horizontal
	11489.0	38.6	13.3	51.9	54.0	-2.1	Average	Horizontal
	11846.0	32.7	12.6	45.3	74.0	-28.7	Peak	Horizontal
*	17235.0	49.0	14.8	63.8	68.2	-4.4	Peak	Horizontal
	11489.0	46.4	13.3	59.7	74.0	-14.3	Peak	Vertical
	11489.0	37.7	13.3	51.0	54.0	-3.0	Average	Vertical
	12058.5	35.8	12.7	48.5	74.0	-25.5	Peak	Vertical
*	12951.0	33.5	13.8	47.3	68.2	-20.9	Peak	Vertical
*	17243.5	51.1	14.9	66.0	68.2	-2.2	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	Hyde Yu
Test Date	2022/03/15	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)	Detector	Polarization
	8480.0	34.9	9.9	44.8	74.0	-29.2	Peak	Horizontal
*	10214.0	35.4	13.2	48.6	68.2	-19.6	Peak	Horizontal
	11574.0	49.5	12.8	62.3	74.0	-11.7	Peak	Horizontal
	11574.0	40.1	12.8	52.9	54.0	-1.1	Average	Horizontal
*	17354.0	49.4	15.6	65.0	68.2	-3.2	Peak	Horizontal
	10979.0	33.0	13.6	46.6	74.0	-27.4	Peak	Vertical
	11574.0	47.5	12.8	60.3	74.0	-13.7	Peak	Vertical
	11574.0	40.0	12.8	52.8	54.0	-1.2	Average	Vertical
*	13741.5	35.6	14.3	49.9	68.2	-18.3	Peak	Vertical
*	17362.5	52.0	15.5	67.5	68.2	-0.7	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	Hyde Yu
Test Date	2022/03/15	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)	Detector	Polarization
	10783.5	35.0	13.7	48.7	74.0	-25.3	Peak	Horizontal
	11642.0	47.6	12.8	60.4	74.0	-13.6	Peak	Horizontal
	11642.0	41.0	12.8	53.8	54.0	-0.2	Average	Horizontal
*	12951.0	33.5	13.8	47.3	68.2	-20.9	Peak	Horizontal
*	17481.5	45.6	15.7	61.3	68.2	-6.9	Peak	Horizontal
	8276.0	35.3	9.3	44.6	74.0	-29.4	Peak	Vertical
	11650.1	41.1	12.7	53.8	54.0	-0.2	Average	Vertical
	11650.5	47.0	12.7	59.7	74.0	-14.3	Peak	Vertical
*	13767.0	35.2	14.3	49.5	68.2	-18.7	Peak	Vertical
*	17473.0	48.0	15.8	63.8	68.2	-4.4	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	Hyde Yu
Test Date	2022/03/15	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)	Detector	Polarization
*	8718.0	36.4	10.8	47.2	68.2	-21.0	Peak	Horizontal
*	10358.5	38.1	13.5	51.6	68.2	-16.6	Peak	Horizontal
	11276.5	35.2	13.2	48.4	74.0	-25.6	Peak	Horizontal
	12500.5	36.7	12.7	49.4	74.0	-24.6	Peak	Horizontal
	8361.0	35.7	9.5	45.2	74.0	-28.8	Peak	Vertical
*	10367.0	38.8	13.5	52.3	68.2	-15.9	Peak	Vertical
	11438.0	34.7	13.3	48.0	74.0	-26.0	Peak	Vertical
*	12908.5	36.7	13.6	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	Hyde Yu
Test Date	2022/03/15	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)	Detector	Polarization
*	9763.5	34.7	12.7	47.4	68.2	-20.8	Peak	Horizontal
*	10443.5	42.0	13.6	55.6	68.2	-12.6	Peak	Horizontal
	11106.5	34.9	13.3	48.2	74.0	-25.8	Peak	Horizontal
	12381.5	36.4	12.5	48.9	74.0	-25.1	Peak	Horizontal
*	10426.5	40.5	13.6	54.1	68.2	-14.1	Peak	Vertical
	11599.5	35.9	13.0	48.9	74.0	-25.1	Peak	Vertical
	12186.0	35.8	13.0	48.8	74.0	-25.2	Peak	Vertical
*	14251.5	36.0	14.7	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/m)

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

Test Site	WZ-AC1	Test Engineer	Hyde Yu
Test Date	2022/03/15	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)	Detector	Polarization
*	9729.5	35.4	12.8	48.2	68.2	-20.0	Peak	Horizontal
*	10469.0	39.9	13.8	53.7	68.2	-14.5	Peak	Horizontal
	11497.5	34.9	13.3	48.2	74.0	-25.8	Peak	Horizontal
	12500.5	36.6	12.7	49.3	74.0	-24.7	Peak	Horizontal
*	10477.5	40.5	13.8	54.3	68.2	-13.9	Peak	Vertical
	11523.0	35.1	13.1	48.2	74.0	-25.8	Peak	Vertical
	12135.0	36.0	12.8	48.8	74.0	-25.2	Peak	Vertical
*	13928.5	35.2	14.4	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/m)

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

Test Site	WZ-AC1	Test Engineer	Hyde Yu
Test Date	2022/03/15	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)	Detector	Polarization
*	10520.0	37.2	13.8	51.0	68.2	-17.2	Peak	Horizontal
	11506.0	35.1	13.2	48.3	74.0	-25.7	Peak	Horizontal
	12500.5	36.1	12.7	48.8	74.0	-25.2	Peak	Horizontal
*	13495.0	35.5	14.4	49.9	68.2	-18.3	Peak	Horizontal
*	10520.0	36.9	13.8	50.7	68.2	-17.5	Peak	Vertical
	10885.5	36.1	13.7	49.8	74.0	-24.2	Peak	Vertical
	12254.0	36.7	12.9	49.6	74.0	-24.4	Peak	Vertical
*	13121.0	35.5	13.7	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	Hyde Yu
Test Date	2022/03/15	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)	Detector	Polarization
*	10027.0	34.5	13.1	47.6	68.2	-20.6	Peak	Horizontal
	10605.0	38.9	13.7	52.6	74.0	-21.4	Peak	Horizontal
	10605.0	29.7	13.7	43.4	54.0	-10.6	Average	Horizontal
	11565.5	36.4	12.7	49.1	74.0	-24.9	Peak	Horizontal
*	13911.5	35.5	14.5	50.0	68.2	-18.2	Peak	Horizontal
*	10078.0	34.8	13.2	48.0	68.2	-20.2	Peak	Vertical
	10605.0	35.6	13.7	49.3	74.0	-24.7	Peak	Vertical
	12058.5	35.9	12.7	48.6	74.0	-25.4	Peak	Vertical
*	14217.5	35.7	14.7	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	Hyde Yu
Test Date	2022/03/15	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)	Detector	Polarization
*	10129.0	35.4	13.3	48.7	68.2	-19.5	Peak	Horizontal
	11268.0	35.6	13.1	48.7	74.0	-25.3	Peak	Horizontal
	12203.0	37.3	13.0	50.3	74.0	-23.7	Peak	Horizontal
*	13818.0	34.9	14.3	49.2	68.2	-19.0	Peak	Horizontal
*	10137.5	34.7	13.2	47.9	68.2	-20.3	Peak	Vertical
	10647.5	39.6	13.5	53.1	74.0	-20.9	Peak	Vertical
	10647.5	30.0	13.5	43.5	54.0	-10.5	Average	Vertical
	11064.0	36.4	13.6	50.0	74.0	-24.0	Peak	Vertical
*	14047.5	35.2	14.8	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	Hyde Yu
Test Date	2022/03/15	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)	Detector	Polarization
*	10375.5	35.5	13.6	49.1	68.2	-19.1	Peak	Horizontal
	11004.5	38.7	13.5	52.2	74.0	-21.8	Peak	Horizontal
	11004.5	30.1	13.5	43.6	54.0	-10.4	Average	Horizontal
	12500.5	36.1	12.7	48.8	74.0	-25.2	Peak	Horizontal
*	14073.0	35.2	14.7	49.9	68.2	-18.3	Peak	Horizontal
*	10239.5	34.5	13.5	48.0	68.2	-20.2	Peak	Vertical
	10996.0	44.8	13.6	58.4	74.0	-15.6	Peak	Vertical
	10996.0	35.4	13.6	49.0	54.0	-5.0	Average	Vertical
	11948.0	36.0	12.6	48.6	74.0	-25.4	Peak	Vertical
*	14073.0	35.0	14.7	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	Hyde Yu
Test Date	2022/03/15	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)	Detector	Polarization
*	10324.5	36.3	13.5	49.8	68.2	-18.4	Peak	Horizontal
	11166.0	40.5	13.2	53.7	74.0	-20.3	Peak	Horizontal
	11166.0	31.2	13.2	44.4	54.0	-9.6	Average	Horizontal
	12245.5	36.1	12.9	49.0	74.0	-25.0	Peak	Horizontal
*	13733.0	36.4	14.3	50.7	68.2	-17.5	Peak	Horizontal
	11157.0	45.1	13.2	58.3	74.0	-15.7	Peak	Vertical
	11157.0	35.9	13.2	49.1	54.0	-4.9	Average	Vertical
	12254.0	36.4	12.9	49.3	74.0	-24.7	Peak	Vertical
*	12840.5	36.3	13.5	49.8	68.2	-18.4	Peak	Vertical
*	14039.0	35.2	14.6	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	Hyde Yu
Test Date	2022/03/15	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)	Detector	Polarization
*	9670.0	36.3	12.7	49.0	68.2	-19.2	Peak	Horizontal
*	10367.0	35.9	13.5	49.4	68.2	-18.8	Peak	Horizontal
	11115.0	37.0	13.2	50.2	74.0	-23.8	Peak	Horizontal
	11404.0	38.4	13.2	51.6	74.0	-22.4	Peak	Horizontal
*	9678.5	35.6	12.7	48.3	68.2	-19.9	Peak	Vertical
*	10477.5	36.4	13.8	50.2	68.2	-18.0	Peak	Vertical
	11395.0	39.7	13.2	52.9	74.0	-21.1	Peak	Vertical
	11395.0	31.3	13.3	44.6	54.0	-9.4	Average	Vertical
	12194.5	35.8	13.1	48.9	74.0	-25.1	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	Hyde Yu
Test Date	2022/03/15	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)	Detector	Polarization
*	9687.0	35.1	12.6	47.7	68.2	-20.5	Peak	Horizontal
*	10341.5	35.6	13.5	49.1	68.2	-19.1	Peak	Horizontal
	11064.0	36.3	13.6	49.9	74.0	-24.1	Peak	Horizontal
	11438.0	38.4	13.3	51.7	74.0	-22.3	Peak	Horizontal
*	9721.0	33.8	12.7	46.5	68.2	-21.7	Peak	Vertical
*	10562.5	35.7	13.6	49.3	68.2	-18.9	Peak	Vertical
	11446.5	39.4	13.2	52.6	74.0	-21.4	Peak	Vertical
	11446.5	29.7	13.2	42.9	54.0	-11.1	Average	Vertical
	11956.5	37.4	12.6	50.0	74.0	-24.0	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	Hyde Yu
Test Date	2022/03/15	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)	Detector	Polarization
	10877.0	35.6	13.7	49.3	74.0	-24.7	Peak	Horizontal
	11489.0	46.0	13.3	59.3	74.0	-14.7	Peak	Horizontal
	11489.0	38.8	13.3	52.1	54.0	-1.9	Average	Horizontal
*	13784.0	35.5	14.2	49.7	68.2	-18.5	Peak	Horizontal
*	17226.5	50.7	14.9	65.6	68.2	-2.6	Peak	Horizontal
	10987.5	35.6	13.6	49.2	74.0	-24.8	Peak	Vertical
	11489.0	50.1	13.3	63.4	74.0	-10.6	Peak	Vertical
	11489.0	40.5	13.3	53.8	54.0	-0.2	Average	Vertical
*	13724.5	36.5	14.2	50.7	68.2	-17.5	Peak	Vertical
*	17235.0	52.9	14.8	67.7	68.2	-0.5	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	Hyde Yu
Test Date	2022/03/15	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)	Detector	Polarization
	11573.4	45.1	12.8	57.9	74.0	-16.1	Peak	Horizontal
	11573.4	37.9	12.8	50.7	54.0	-3.3	Average	Horizontal
	12313.5	36.5	12.7	49.2	74.0	-24.8	Peak	Horizontal
*	13894.5	36.3	14.6	50.9	68.2	-17.3	Peak	Horizontal
*	17354.0	46.6	15.6	62.2	68.2	-6.0	Peak	Horizontal
	10894.0	33.7	13.7	47.4	74.0	-26.6	Peak	Vertical
	11582.5	47.3	12.9	60.2	74.0	-13.8	Peak	Vertical
	11582.5	40.3	12.9	53.2	54.0	-0.8	Average	Vertical
*	14005.0	35.3	14.6	49.9	68.2	-18.3	Peak	Vertical
*	17362.5	51.2	15.5	66.7	68.2	-1.5	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	Hyde Yu
Test Date	2022/03/15	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)	Detector	Polarization
	10792.0	35.0	13.7	48.7	74.0	-25.3	Peak	Horizontal
	11649.0	50.0	12.7	62.7	74.0	-11.3	Peak	Horizontal
	11649.0	41.0	12.7	53.7	54.0	-0.3	Average	Horizontal
*	14200.5	35.7	14.7	50.4	68.2	-17.8	Peak	Horizontal
*	17464.5	47.8	15.8	63.6	68.2	-4.6	Peak	Horizontal
	10834.5	35.1	13.8	48.9	74.0	-25.1	Peak	Vertical
	11650.0	41.0	12.7	53.7	54.0	-0.3	Average	Vertical
	11650.5	50.1	12.7	62.8	74.0	-11.2	Peak	Vertical
*	13733.0	34.1	14.3	48.4	68.2	-19.8	Peak	Vertical
*	17464.5	48.9	15.8	64.7	68.2	-3.5	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	Hyde Yu
Test Date	2022/03/15	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)	Detector	Polarization
*	10171.5	35.0	13.4	48.4	68.2	-19.8	Peak	Horizontal
	11480.5	35.7	13.2	48.9	74.0	-25.1	Peak	Horizontal
	12466.5	36.2	12.5	48.7	74.0	-25.3	Peak	Horizontal
*	12866.0	35.8	13.6	49.4	68.2	-18.8	Peak	Horizontal
*	10384.0	35.3	13.6	48.9	68.2	-19.3	Peak	Vertical
	11387.0	36.1	13.3	49.4	74.0	-24.6	Peak	Vertical
	12432.5	36.0	12.6	48.6	74.0	-25.4	Peak	Vertical
*	13767.0	36.1	14.3	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	Hyde Yu
Test Date	2022/03/15	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)	Detector	Polarization
*	10460.5	40.2	13.7	53.9	68.2	-14.3	Peak	Horizontal
	11446.5	36.2	13.2	49.4	74.0	-24.6	Peak	Horizontal
	12118.0	36.1	12.7	48.8	74.0	-25.2	Peak	Horizontal
*	14277.0	35.7	14.8	50.5	68.2	-17.7	Peak	Horizontal
*	10460.5	42.0	13.7	55.7	68.2	-12.5	Peak	Vertical
	11293.5	35.9	13.3	49.2	74.0	-24.8	Peak	Vertical
	12050.0	36.2	12.7	48.9	74.0	-25.1	Peak	Vertical
*	13758.5	36.0	14.2	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/m)

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

Test Site	WZ-AC1	Test Engineer	Hyde Yu
Test Date	2022/03/15	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)	Detector	Polarization
*	10537.0	38.0	13.7	51.7	68.2	-16.5	Peak	Horizontal
	11242.5	35.7	13.2	48.9	74.0	-25.1	Peak	Horizontal
	12500.5	36.9	12.7	49.6	74.0	-24.4	Peak	Horizontal
*	14192.0	36.2	14.7	50.9	68.2	-17.3	Peak	Horizontal
*	10537.0	38.6	13.7	52.3	68.2	-15.9	Peak	Vertical
	11489.0	35.6	13.3	48.9	74.0	-25.1	Peak	Vertical
	12101.0	36.0	12.8	48.8	74.0	-25.2	Peak	Vertical
*	14200.5	35.6	14.7	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	Hyde Yu
Test Date	2022/03/15	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)	Detector	Polarization
*	10137.5	35.1	13.2	48.3	68.2	-19.9	Peak	Horizontal
	10613.5	38.1	13.6	51.7	74.0	-22.3	Peak	Horizontal
	12092.5	35.5	12.8	48.3	74.0	-25.7	Peak	Horizontal
*	14098.5	35.7	14.6	50.3	68.2	-17.9	Peak	Horizontal
*	9772.0	34.9	12.7	47.6	68.2	-20.6	Peak	Vertical
	10622.0	38.4	13.6	52.0	74.0	-22.0	Peak	Vertical
	10622.0	31.8	13.6	45.4	54.0	-8.6	Average	Vertical
	11557.0	36.4	12.8	49.2	74.0	-24.8	Peak	Vertical
*	12704.5	36.1	13.2	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	Hyde Yu
Test Date	2022/03/15	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)	Detector	Polarization
	7349.5	39.5	8.9	48.4	74.0	-25.6	Peak	Horizontal
*	8786.0	35.8	10.9	46.7	68.2	-21.5	Peak	Horizontal
*	10197.0	35.8	13.2	49.0	68.2	-19.2	Peak	Horizontal
	11004.0	41.9	13.5	55.4	74.0	-18.6	Peak	Horizontal
	11004.0	33.5	13.5	47.0	54.0	-7.0	Average	Horizontal
*	10086.5	34.9	13.1	48.0	68.2	-20.2	Peak	Vertical
	11021.0	47.2	13.5	60.7	74.0	-13.3	Peak	Vertical
	11021.0	38.8	13.5	52.3	54.0	-1.7	Average	Vertical
	11863.0	35.7	12.4	48.1	74.0	-25.9	Peak	Vertical
*	13639.5	37.3	14.3	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/m)

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

Test Site	WZ-AC1	Test Engineer	Hyde Yu
Test Date	2022/03/15	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)	Detector	Polarization
*	10129.0	35.6	13.3	48.9	68.2	-19.3	Peak	Horizontal
	11106.0	40.8	13.3	54.1	74.0	-19.9	Peak	Horizontal
	11106.0	32.9	13.3	46.2	54.0	-7.8	Average	Horizontal
	11523.0	35.9	13.1	49.0	74.0	-25.0	Peak	Horizontal
*	13605.5	36.1	14.3	50.4	68.2	-17.8	Peak	Horizontal
*	10222.5	35.6	13.3	48.9	68.2	-19.3	Peak	Vertical
	11081.0	45.6	13.5	59.1	74.0	-14.9	Peak	Vertical
	11081.0	37.2	13.5	50.7	54.0	-3.3	Average	Vertical
	11982.0	35.5	12.5	48.0	74.0	-26.0	Peak	Vertical
*	13801.0	35.9	14.2	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	Hyde Yu
Test Date	2022/03/15	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)	Detector	Polarization
	11344.0	39.1	13.2	52.3	74.0	-21.7	Peak	Horizontal
	11344.0	31.2	13.2	44.4	54.0	-9.6	Average	Horizontal
	12041.5	35.9	12.7	48.6	74.0	-25.4	Peak	Horizontal
*	14030.5	35.7	14.6	50.3	68.2	-17.9	Peak	Horizontal
*	17005.5	41.5	14.6	56.1	68.2	-12.1	Peak	Horizontal
	11336.0	41.5	13.3	54.8	74.0	-19.2	Peak	Vertical
	11336.0	34.0	13.3	47.3	54.0	-6.7	Average	Vertical
	12135.0	35.8	12.8	48.6	74.0	-25.4	Peak	Vertical
*	14183.5	36.6	14.7	51.3	68.2	-16.9	Peak	Vertical
*	16988.5	38.9	14.6	53.5	68.2	-14.7	Peak	Vertical

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

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

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

Test Site	WZ-AC1	Test Engineer	Hyde Yu
Test Date	2022/03/15	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)	Detector	Polarization
	11412.5	38.4	13.2	51.6	74.0	-22.4	Peak	Horizontal
	12313.5	35.9	12.7	48.6	74.0	-25.4	Peak	Horizontal
*	14251.5	36.0	14.7	50.7	68.2	-17.5	Peak	Horizontal
*	17133.0	39.3	14.4	53.7	68.2	-14.5	Peak	Horizontal
	11424.3	40.1	13.2	53.3	74.0	-20.7	Peak	Vertical
	11424.3	31.8	13.2	45.0	54.0	-9.0	Average	Vertical
	11982.0	36.3	12.5	48.8	74.0	-25.2	Peak	Vertical
*	14209.0	36.6	14.7	51.3	68.2	-16.9	Peak	Vertical
*	17124.5	39.8	14.4	54.2	68.2	-14.0	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	Hyde Yu
Test Date	2022/03/15	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)	Detector	Polarization
	10834.5	35.3	13.8	49.1	74.0	-24.9	Peak	Horizontal
	11516.0	45.2	13.0	58.2	74.0	-15.8	Peak	Horizontal
	11516.0	37.8	13.1	50.9	54.0	-3.1	Average	Horizontal
*	14217.5	35.5	14.7	50.2	68.2	-18.0	Peak	Horizontal
*	17269.0	50.2	14.9	65.1	68.2	-3.1	Peak	Horizontal
	10902.5	36.1	13.6	49.7	74.0	-24.3	Peak	Vertical
	11514.7	46.2	13.0	59.2	74.0	-14.8	Peak	Vertical
	11514.7	38.8	13.0	51.8	54.0	-2.2	Average	Vertical
*	13843.5	35.7	14.3	50.0	68.2	-18.2	Peak	Vertical
*	17269.0	50.1	14.9	65.0	68.2	-3.2	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	Hyde Yu
Test Date	2022/03/15	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)	Detector	Polarization
	10928.0	33.9	13.7	47.6	74.0	-26.4	Peak	Horizontal
	11591.0	46.2	13.0	59.2	74.0	-14.8	Peak	Horizontal
	11591.0	39.1	13.0	52.1	54.0	-1.9	Average	Horizontal
*	13741.5	35.9	14.3	50.2	68.2	-18.0	Peak	Horizontal
*	17379.5	47.1	15.4	62.5	68.2	-5.7	Peak	Horizontal
	11590.0	46.0	13.0	59.0	74.0	-15.0	Peak	Vertical
	11590.0	39.8	13.0	52.8	54.0	-1.2	Average	Vertical
	12211.5	35.8	12.9	48.7	74.0	-25.3	Peak	Vertical
*	13673.5	35.7	14.1	49.8	68.2	-18.4	Peak	Vertical
*	17379.5	49.1	15.4	64.5	68.2	-3.7	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	Hyde Yu
Test Date	2022/03/15	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)	Detector	Polarization
*	10163.0	35.5	13.3	48.8	68.2	-19.4	Peak	Horizontal
	10928.0	35.0	13.7	48.7	74.0	-25.3	Peak	Horizontal
	11846.0	36.1	12.6	48.7	74.0	-25.3	Peak	Horizontal
*	13597.0	35.6	14.3	49.9	68.2	-18.3	Peak	Horizontal
*	10239.5	35.1	13.5	48.6	68.2	-19.6	Peak	Vertical
	11234.0	36.0	13.2	49.2	74.0	-24.8	Peak	Vertical
	12645.0	36.0	13.1	49.1	74.0	-24.9	Peak	Vertical
*	14090.0	36.7	14.6	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/m)

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

Test Site	WZ-AC1	Test Engineer	Hyde Yu
Test Date	2022/03/15	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)	Detector	Polarization
*	10579.5	36.5	14.0	50.5	68.2	-17.7	Peak	Horizontal
	11582.5	36.3	12.9	49.2	74.0	-24.8	Peak	Horizontal
	12339.0	35.7	12.7	48.4	74.0	-25.6	Peak	Horizontal
*	13614.0	35.8	14.3	50.1	68.2	-18.1	Peak	Horizontal
*	10231.0	35.3	13.4	48.7	68.2	-19.5	Peak	Vertical
	11200.0	36.1	13.1	49.2	74.0	-24.8	Peak	Vertical
	11820.5	36.0	12.3	48.3	74.0	-25.7	Peak	Vertical
*	14192.0	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	Hyde Yu
Test Date	2022/03/15	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)	Detector	Polarization
*	10375.5	35.9	13.6	49.5	68.2	-18.7	Peak	Horizontal
	11064.0	38.0	13.6	51.6	74.0	-22.4	Peak	Horizontal
	12500.5	36.6	12.7	49.3	74.0	-24.7	Peak	Horizontal
*	13988.0	36.4	14.6	51.0	68.2	-17.2	Peak	Horizontal
*	9967.5	35.4	12.9	48.3	68.2	-19.9	Peak	Vertical
	11064.0	41.9	13.6	55.5	74.0	-18.5	Peak	Vertical
	11064.0	33.4	13.6	47.0	54.0	-7.0	Average	Vertical
	12177.5	34.3	12.8	47.1	74.0	-26.9	Peak	Vertical
*	14022.0	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	Hyde Yu
Test Date	2022/03/15	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)	Detector	Polarization
*	10341.5	35.4	13.5	48.9	68.2	-19.3	Peak	Horizontal
	11183.0	39.9	13.2	53.1	74.0	-20.9	Peak	Horizontal
	11183.0	29.6	13.2	42.8	54.0	-11.2	Average	Horizontal
	12271.0	35.4	12.7	48.1	74.0	-25.9	Peak	Horizontal
*	14005.0	35.7	14.6	50.3	68.2	-17.9	Peak	Horizontal
*	10265.0	36.0	13.4	49.4	68.2	-18.8	Peak	Vertical
	11217.0	44.7	13.1	57.8	74.0	-16.2	Peak	Vertical
	11217.0	34.7	13.1	47.8	54.0	-6.2	Average	Vertical
	12194.5	35.3	13.1	48.4	74.0	-25.6	Peak	Vertical
*	14183.5	36.3	14.7	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/m)

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

Test Site	WZ-AC1	Test Engineer	Hyde Yu
Test Date	2022/03/15	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)	Detector	Polarization
	11378.5	38.2	13.2	51.4	74.0	-22.6	Peak	Horizontal
	12143.5	35.7	12.8	48.5	74.0	-25.5	Peak	Horizontal
*	13733.0	34.5	14.3	48.8	68.2	-19.4	Peak	Horizontal
*	17065.0	41.6	14.4	56.0	68.2	-12.2	Peak	Horizontal
	10843.0	35.3	13.7	49.0	74.0	-25.0	Peak	Vertical
	11387.0	40.0	13.3	53.3	74.0	-20.7	Peak	Vertical
	11387.0	31.8	13.3	45.1	54.0	-8.9	Average	Vertical
*	13928.5	36.5	14.4	50.9	68.2	-17.3	Peak	Vertical
*	17065.0	40.2	14.4	54.6	68.2	-13.6	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	Hyde Yu
Test Date	2022/03/15	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)	Detector	Polarization
*	9780.5	35.9	12.8	48.7	68.2	-19.5	Peak	Horizontal
	10885.5	35.6	13.7	49.3	74.0	-24.7	Peak	Horizontal
	11548.0	42.0	13.0	55.0	74.0	-19.0	Peak	Horizontal
	11548.0	33.5	13.0	46.5	54.0	-7.5	Average	Horizontal
*	17320.0	42.3	15.1	57.4	68.2	-10.8	Peak	Horizontal
*	10163.0	35.5	13.3	48.8	68.2	-19.4	Peak	Vertical
	11548.0	41.3	13.0	54.3	74.0	-19.7	Peak	Vertical
	11548.0	34.0	13.0	47.0	54.0	-7.0	Average	Vertical
	12449.5	36.0	12.8	48.8	74.0	-25.2	Peak	Vertical
*	17303.0	44.9	15.1	60.0	68.2	-8.2	Peak	Vertical

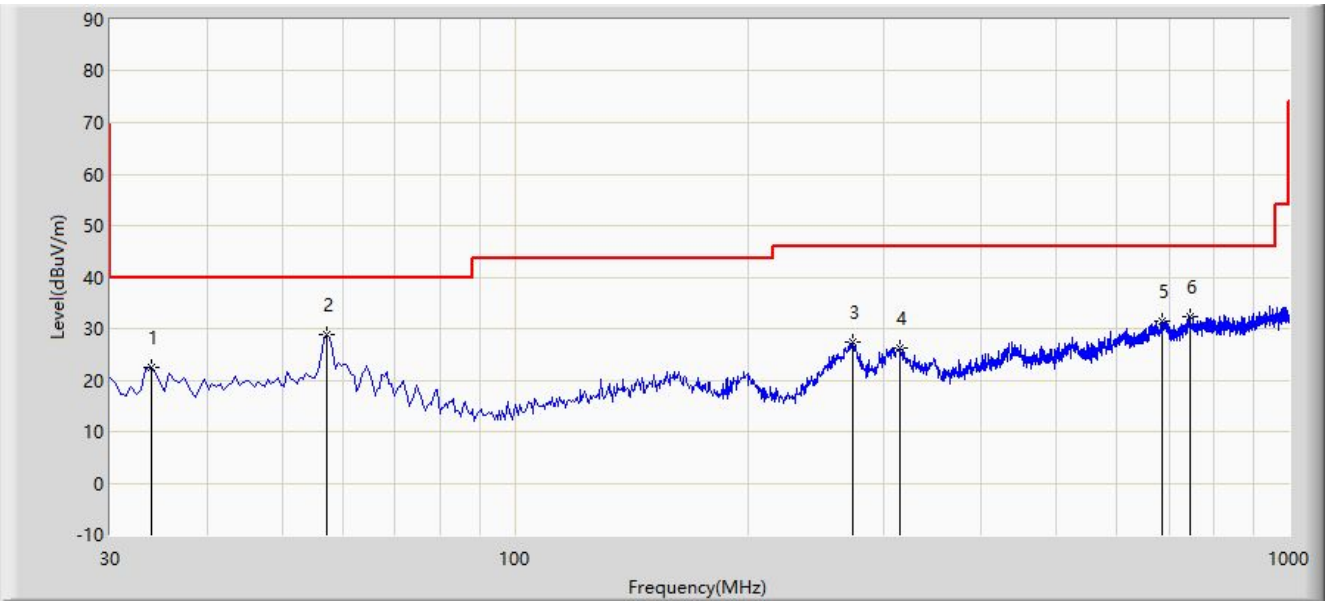
Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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)

The Result of Radiated Emission below 1GHz:

Site: WZ-AC1	Time: 2022/04/06 - 18:08
Limit: FCC_Part15.209_RE(3m)	Engineer: Charles Zhang
Probe: WZ-AC1_VULB 9168 _30-1000MHz	Polarity: Horizontal
EUT: Wireless Access Point	Power: 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5745MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Over Limit (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			33.880	22.341	5.449	-17.659	40.000	16.892	PK
2		*	57.160	28.822	10.808	-11.178	40.000	18.014	PK
3			272.985	27.312	9.934	-18.688	46.000	17.377	PK
4			313.725	26.369	7.717	-19.631	46.000	18.652	PK
5			684.750	31.518	4.883	-14.482	46.000	26.635	PK
6			743.920	32.425	4.362	-13.575	46.000	28.063	PK

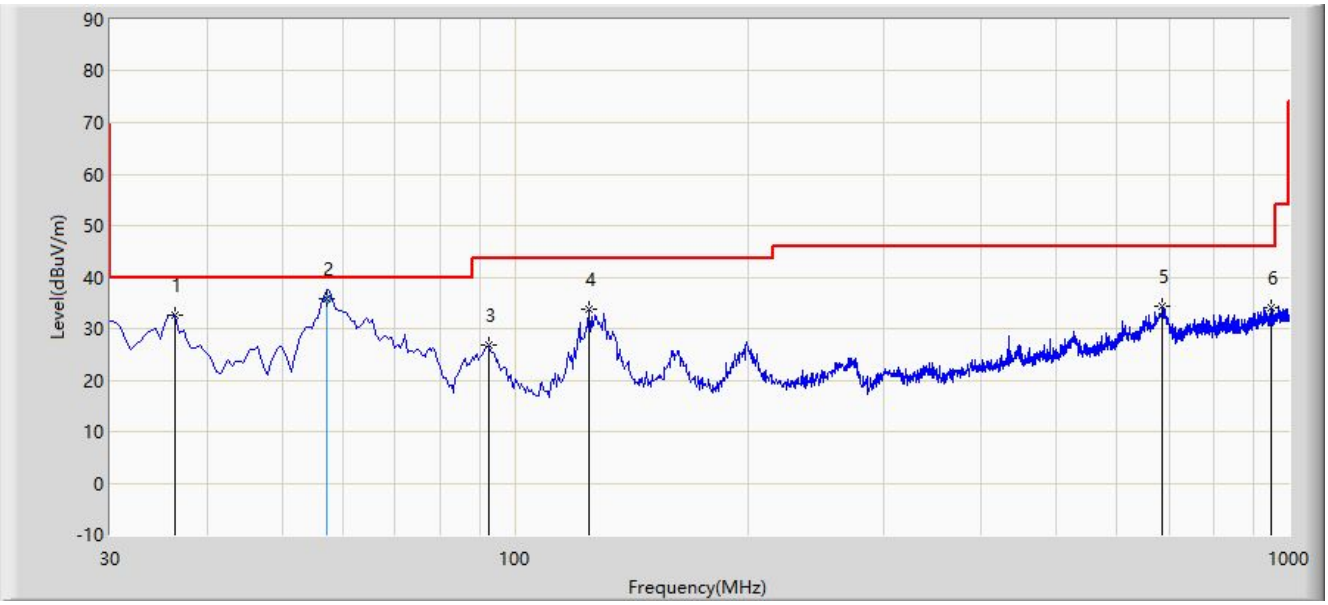
Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

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

Note 2: QP measurement was not performed when peak measure level was lower than the QP limit.

Note 3: 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	Time: 2022/04/06 - 18:08
Limit: FCC_Part15.209_RE(3m)	Engineer: Charles Zhang
Probe: WZ-AC1_VULB 9168 _30-1000MHz	Polarity: Vertical
EUT: Wireless Access Point	Power: 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5745MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Over Limit (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			36.305	32.575	15.367	-7.425	40.000	17.208	PK
2		*	57.053	35.754	17.730	-4.246	40.000	18.024	QP
3			92.565	26.837	14.729	-16.663	43.500	12.108	PK
4			124.575	33.625	17.903	-9.875	43.500	15.723	PK
5			685.235	34.232	7.587	-11.768	46.000	26.645	PK
6			949.560	34.059	3.956	-11.941	46.000	30.103	PK

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

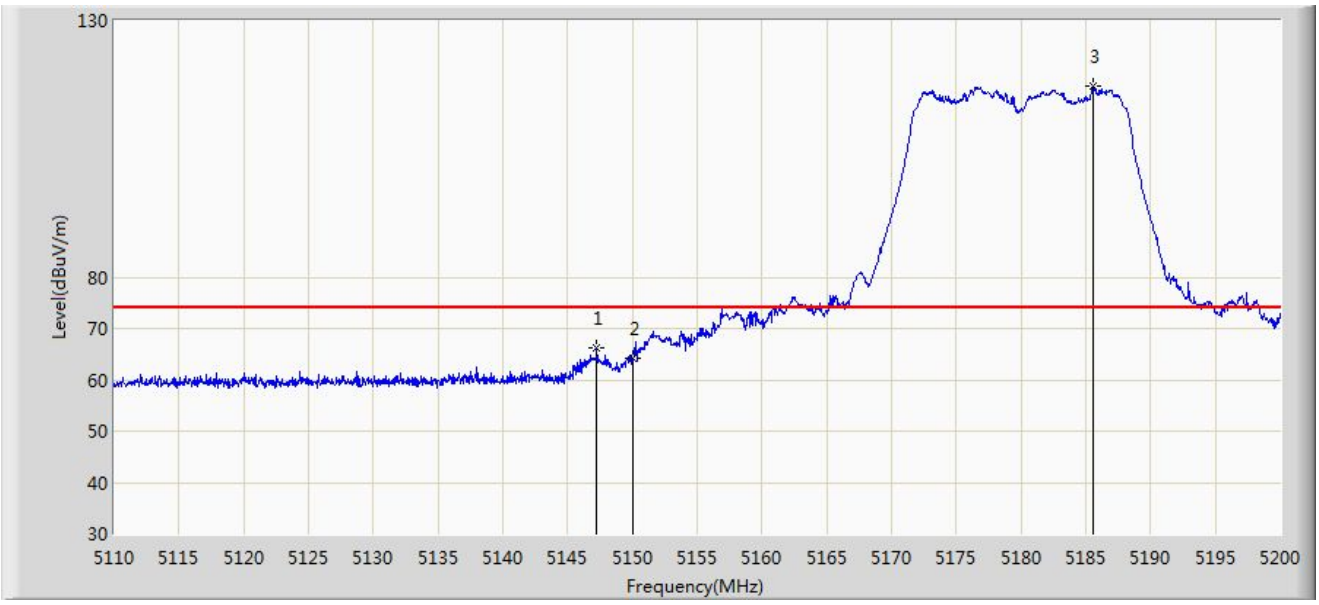
Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Note 2: QP measurement was not performed when peak measure level was lower than the QP limit.

Note 3: 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	Time: 2021/12/14 - 21:27
Limit: FCC_Part15.209_RE(3m)	Engineer: Charles Zhang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Access Point	Power: 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5180MHz	

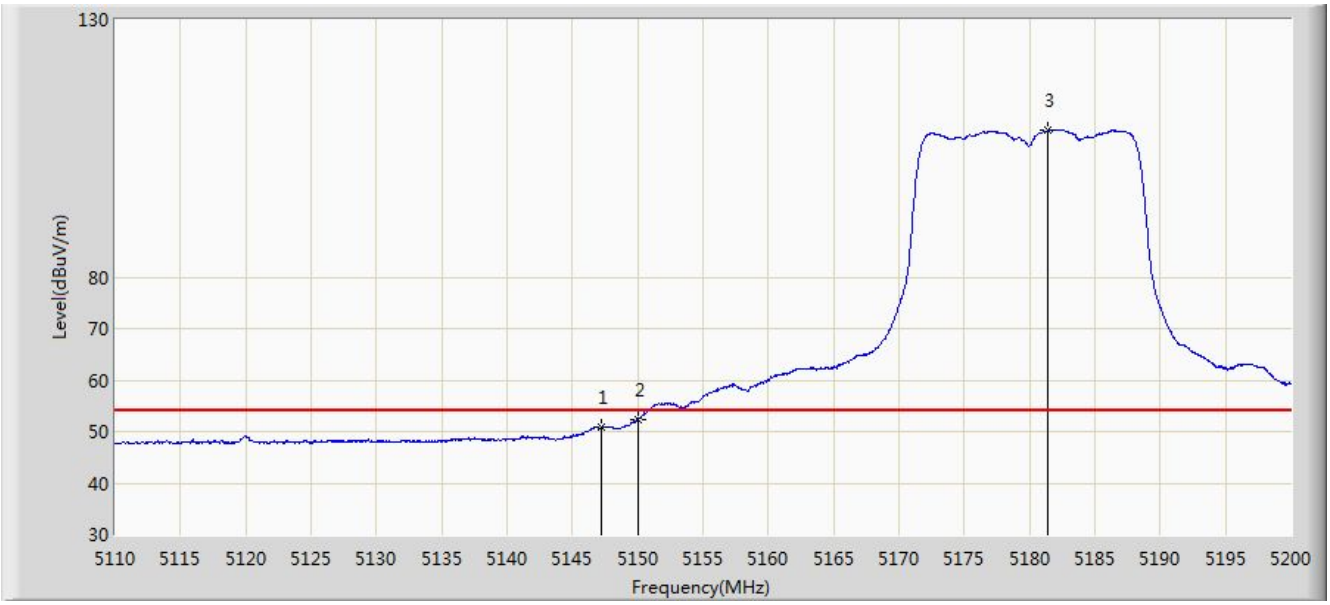


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5147.260	66.201	61.418	-7.799	74.000	4.783	PK
2			5150.000	64.284	59.491	-9.716	74.000	4.793	PK
3		*	5185.510	117.177	112.283	N/A	N/A	4.894	PK

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

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

Site: WZ-AC1	Time: 2021/12/14 - 21:26
Limit: FCC_Part15.209_RE(3m)	Engineer: Charles Zhang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Access Point	Power: 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5180MHz	

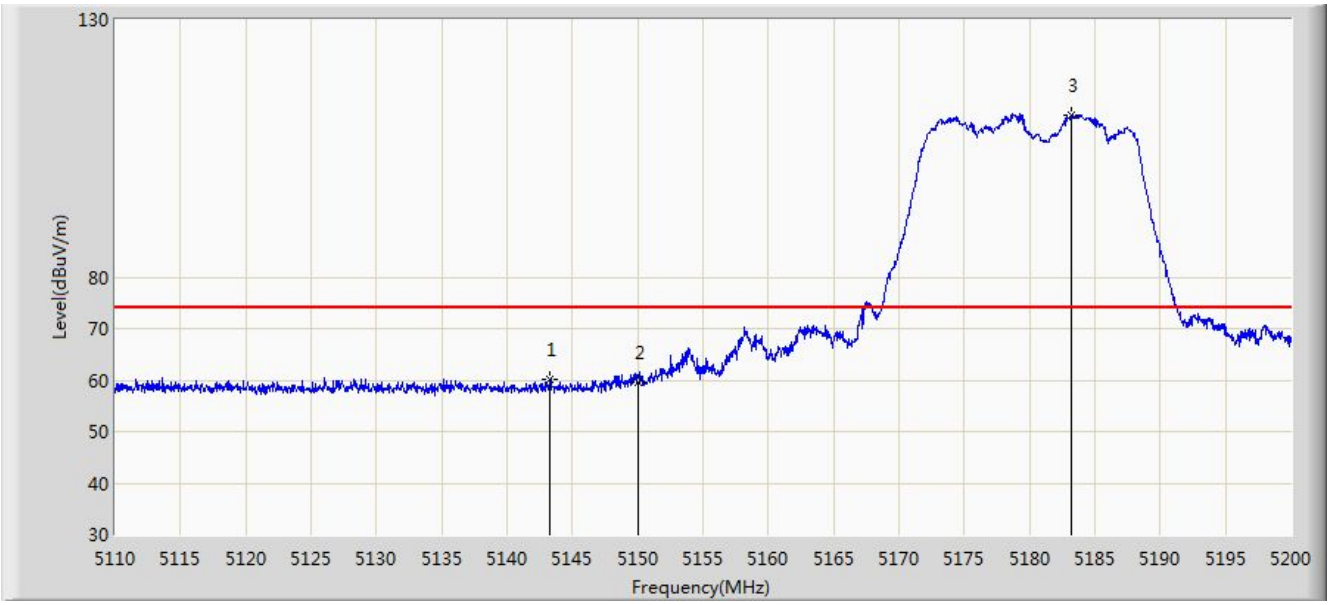


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5147.170	50.775	45.992	-3.225	54.000	4.783	AV
2			5150.000	52.417	47.624	-1.583	54.000	4.793	AV
3	X	*	5181.415	108.477	103.553	N/A	N/A	4.924	AV

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

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

Site: WZ-AC1	Time: 2021/12/14 - 21:29
Limit: FCC_Part15.209_RE(3m)	Engineer: Charles Zhang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Access Point	Power: 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5180MHz	

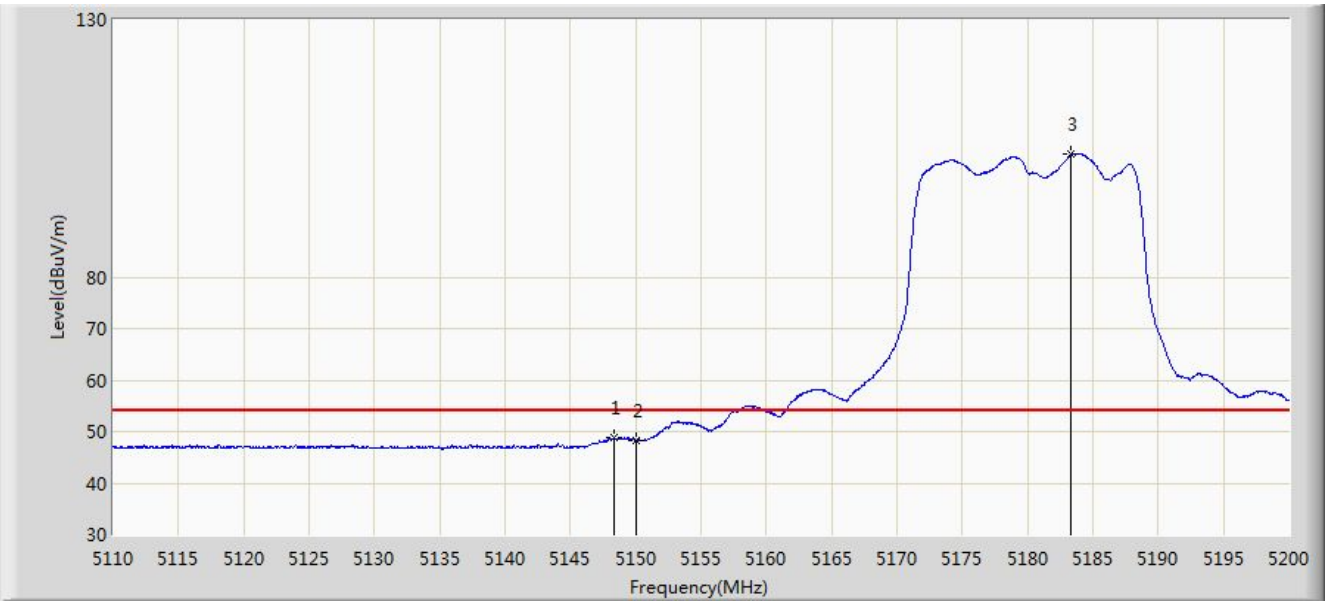


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5143.255	60.103	55.308	-13.897	74.000	4.795	PK
2			5150.000	59.705	54.912	-14.295	74.000	4.793	PK
3		*	5183.215	111.569	106.657	N/A	N/A	4.912	PK

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

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

Site: WZ-AC1	Time: 2021/12/14 - 21:36
Limit: FCC_Part15.209_RE(3m)	Engineer: Charles Zhang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Access Point	Power: 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5180MHz	

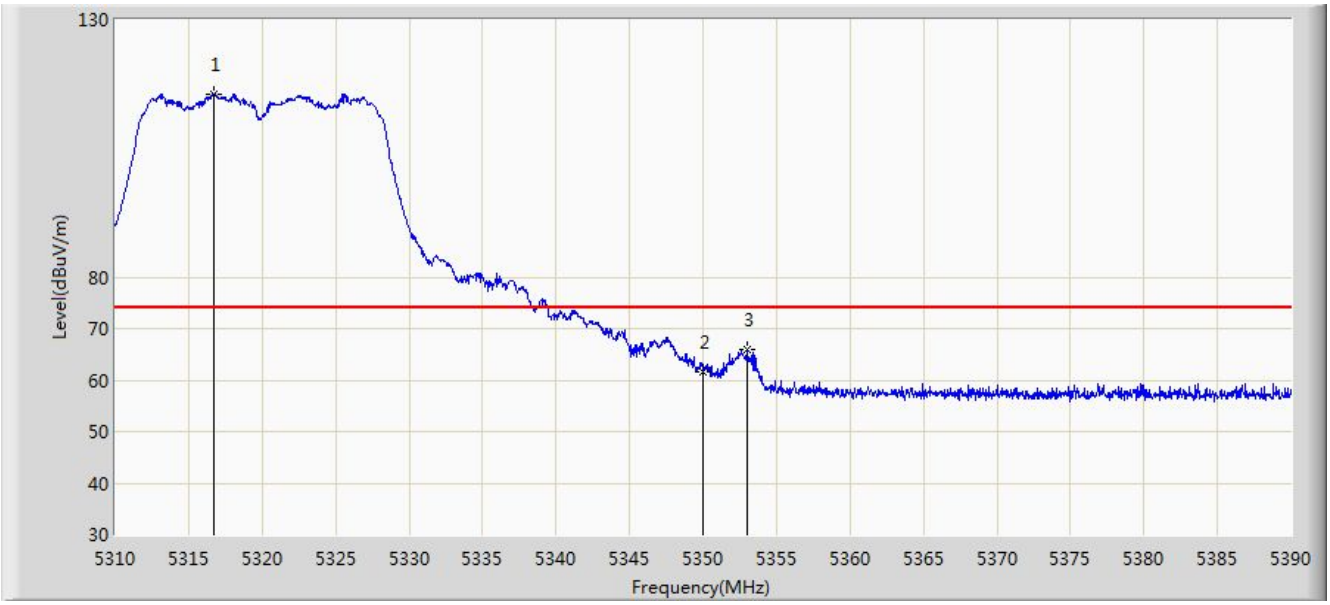


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5148.295	48.799	44.016	-5.201	54.000	4.783	AV
2			5150.000	48.245	43.452	-5.755	54.000	4.793	AV
3		*	5183.350	103.797	98.886	N/A	N/A	4.911	AV

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

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

Site: WZ-AC1	Time: 2021/12/14 - 21:40
Limit: FCC_Part15.209_RE(3m)	Engineer: Charles Zhang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Access Point	Power: 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5320MHz	

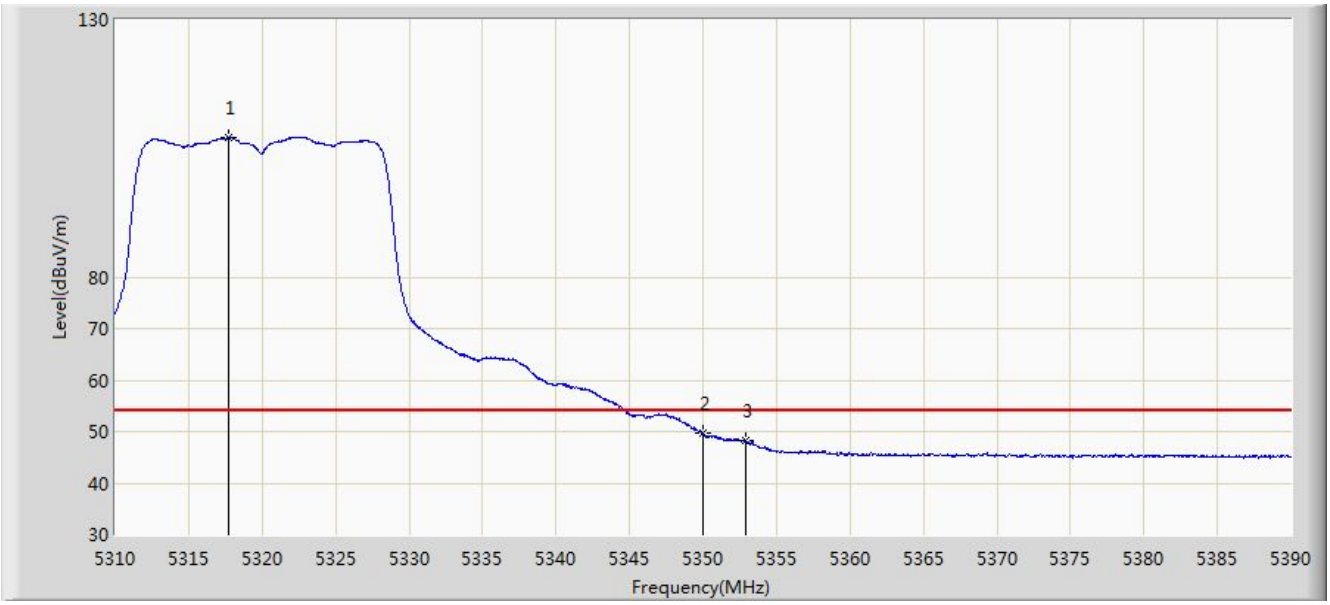


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	5316.720	115.565	110.898	N/A	N/A	4.667	PK
2			5350.000	61.674	56.817	-12.326	74.000	4.857	PK
3			5353.040	65.938	61.078	-8.062	74.000	4.860	PK

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

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

Site: WZ-AC1	Time: 2021/12/14 - 21:43
Limit: FCC_Part15.209_RE(3m)	Engineer: Charles Zhang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Access Point	Power: 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5320MHz	

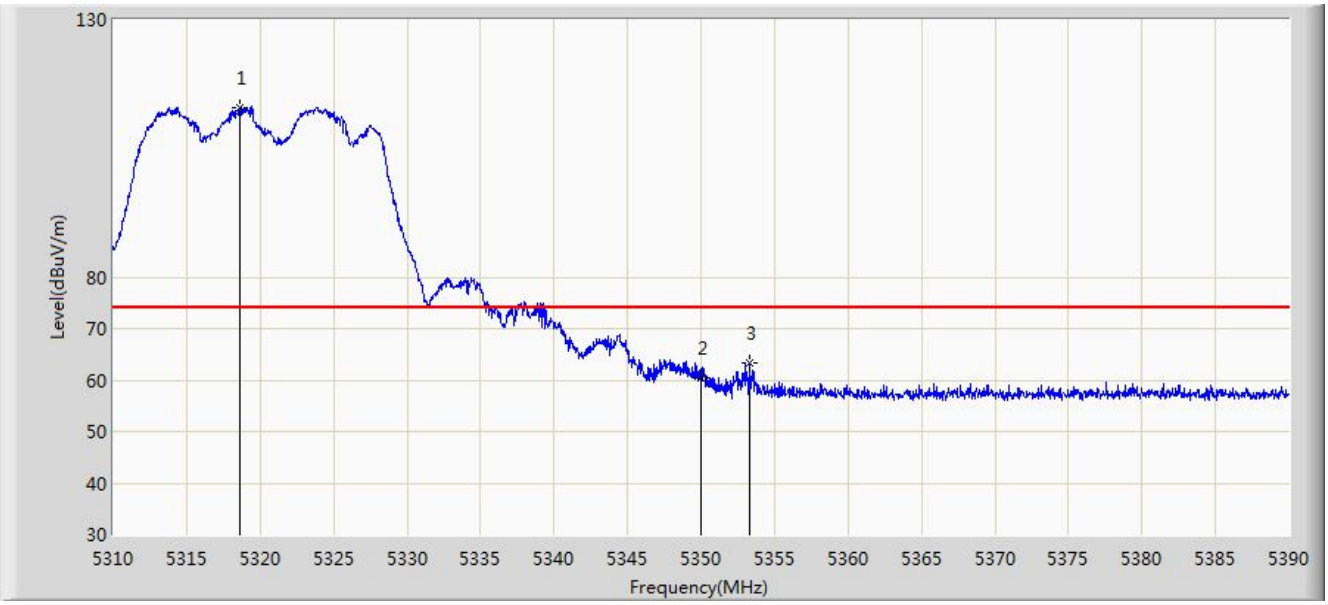


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	5317.680	107.022	102.357	N/A	N/A	4.664	AV
2			5350.000	49.652	44.795	-4.348	54.000	4.857	AV
3			5352.880	48.328	43.467	-5.672	54.000	4.861	AV

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

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

Site: WZ-AC1	Time: 2021/12/14 - 21:45
Limit: FCC_Part15.209_RE(3m)	Engineer: Charles Zhang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Access Point	Power: 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5320MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	5318.640	112.834	108.167	N/A	N/A	4.666	PK
2			5350.000	60.502	55.645	-13.498	74.000	4.857	PK
3			5353.320	63.270	58.412	-10.730	74.000	4.858	PK

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

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