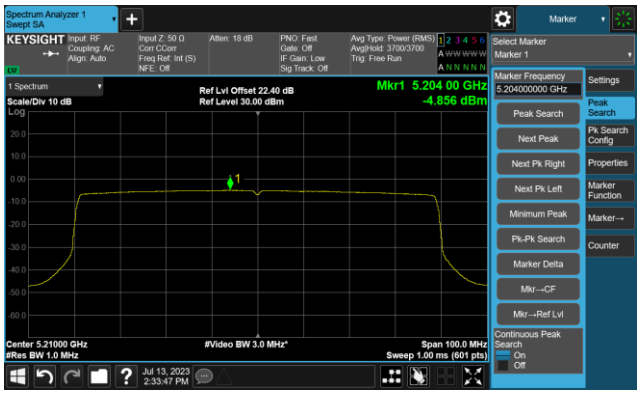
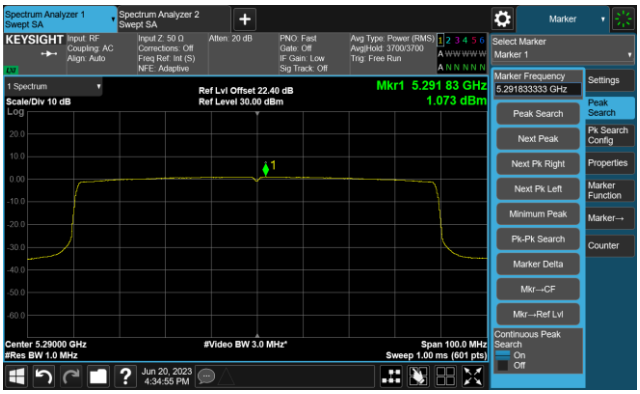
802.11ax-HE80 Power Spectral Density- Ant 0

Channel 42 (5210MHz)

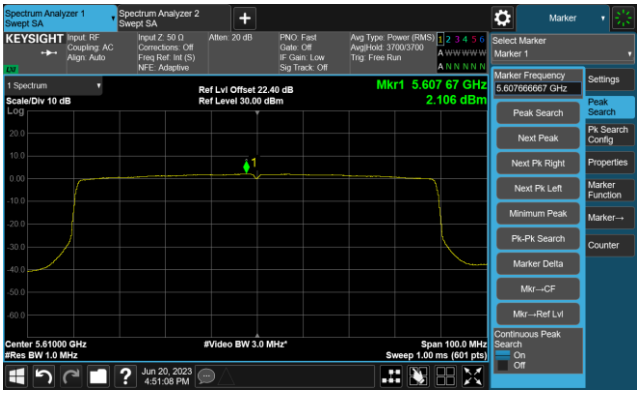


Channel 58 (5290MHz)

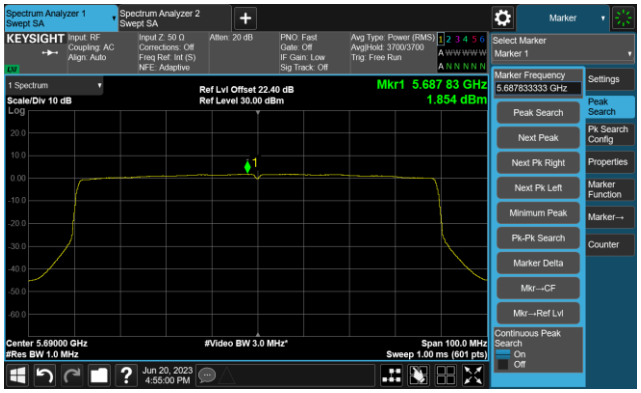


Channel 106 (5530MHz)

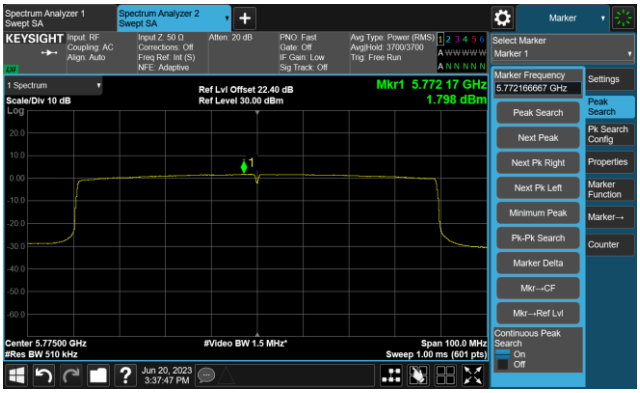
Channel 122 (5610MHz)



Channel 138 (5690MHz)

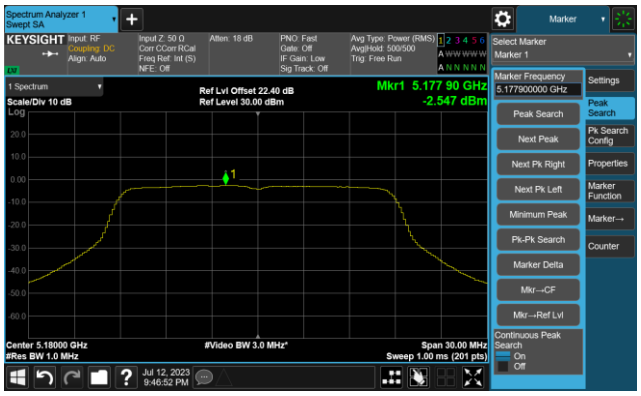


Channel 155 (5775MHz)



802.11a Power Spectral Density- Ant 1

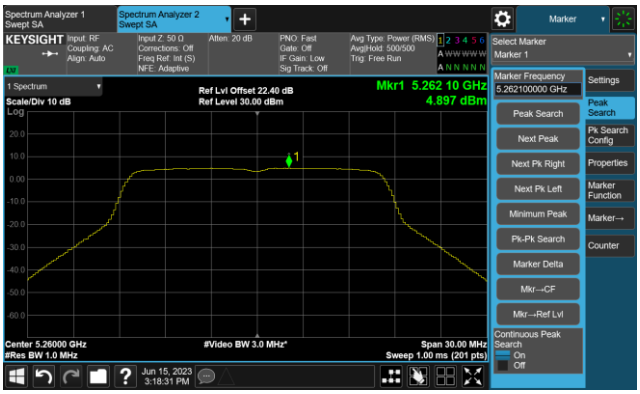
Channel 36 (5180MHz)



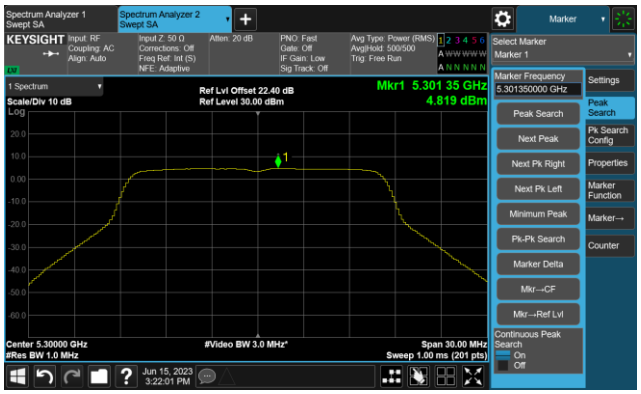
Channel 44 (5220MHz)

Channel 48 (5240MHz)

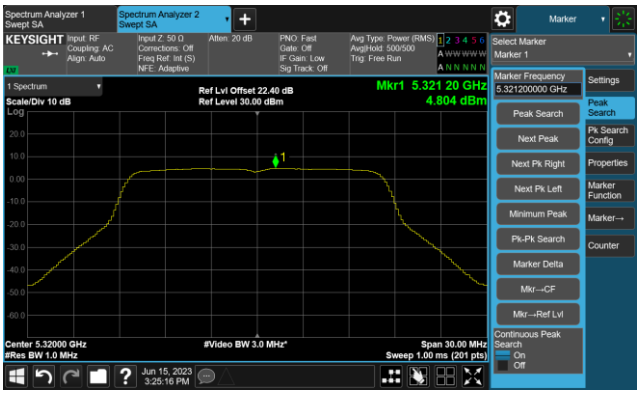
Channel 52 (5260MHz)



Channel 60 (5300MHz)

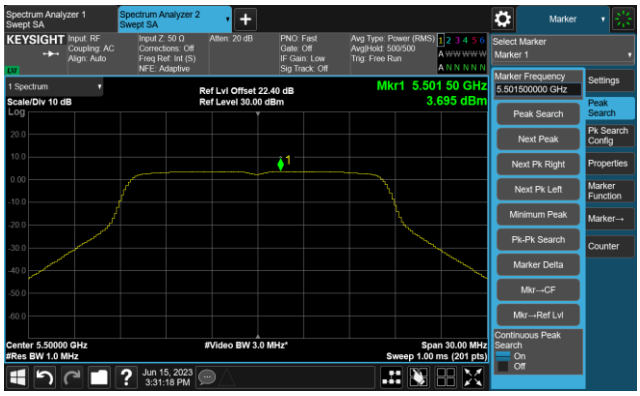


Channel 64 (5320MHz)

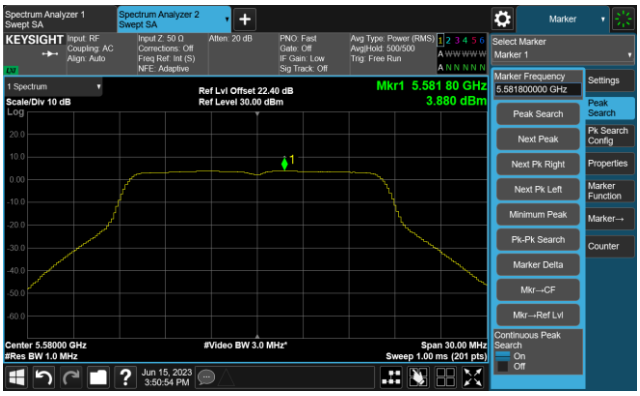


802.11a Power Spectral Density- Ant 1

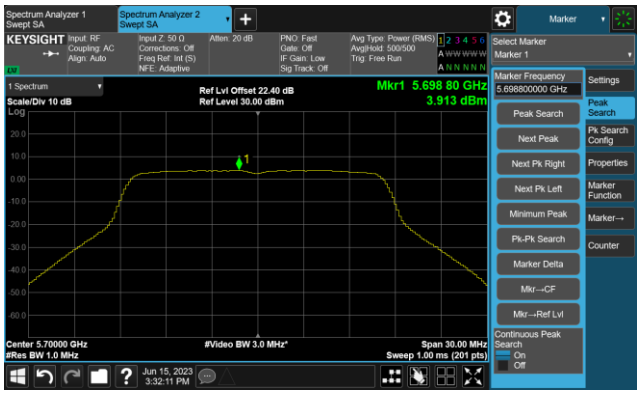
Channel 100 (5500MHz)



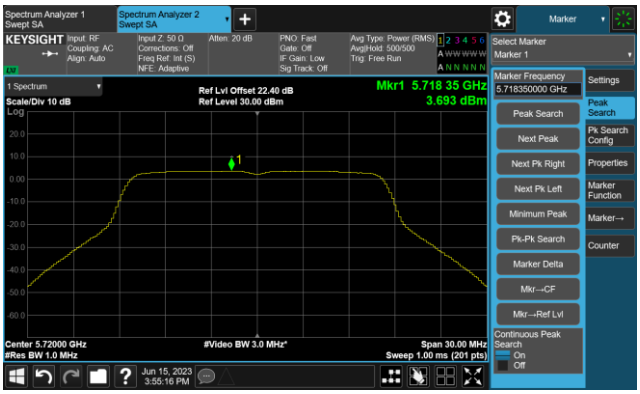
Channel 116 (5580MHz)



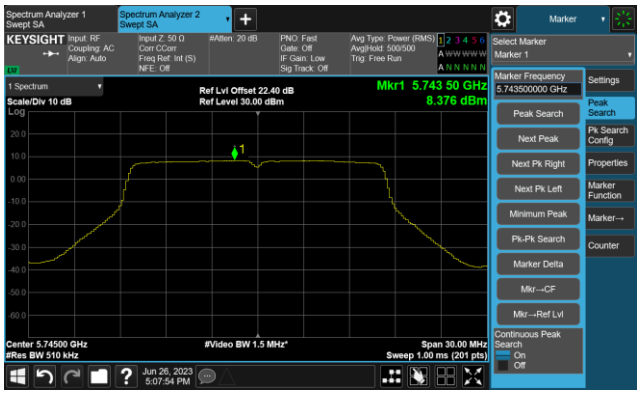
Channel 140 (5700MHz)



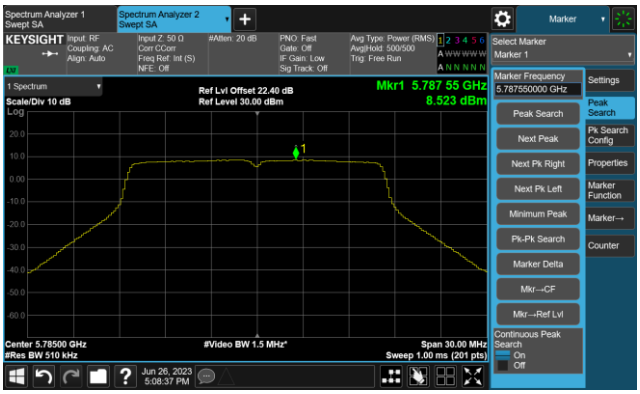
Channel 144(5720MHz)

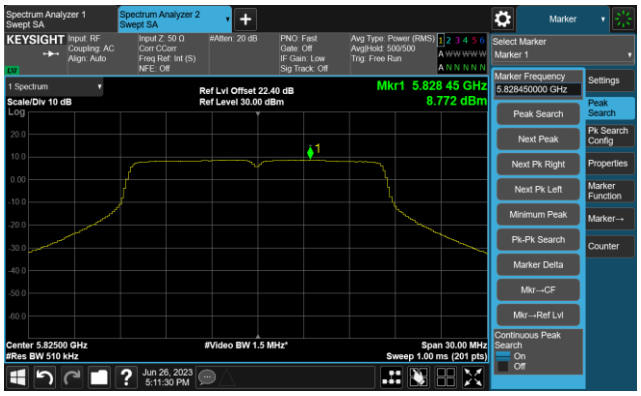


Channel 149 (5745MHz)



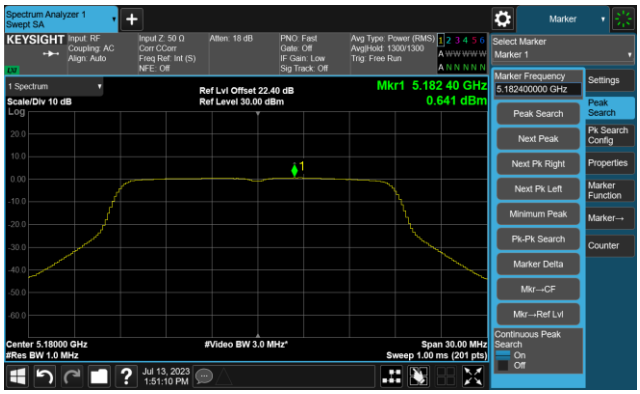
Channel 157 (5785MHz)



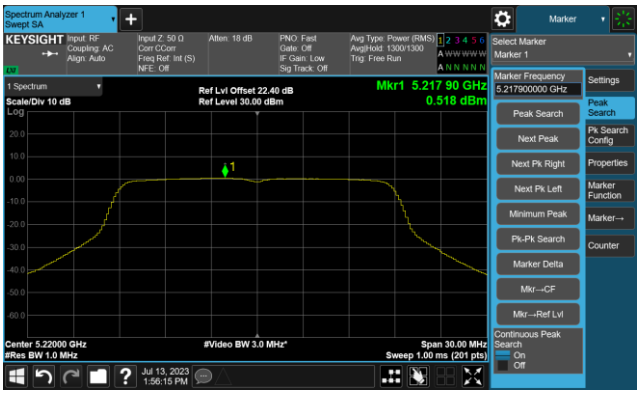
802.11a Power Spectral Density- Ant 1	
Channel 165 (5825MHz)	
	

802.11ac-VHT20 Power Spectral Density- Ant 1

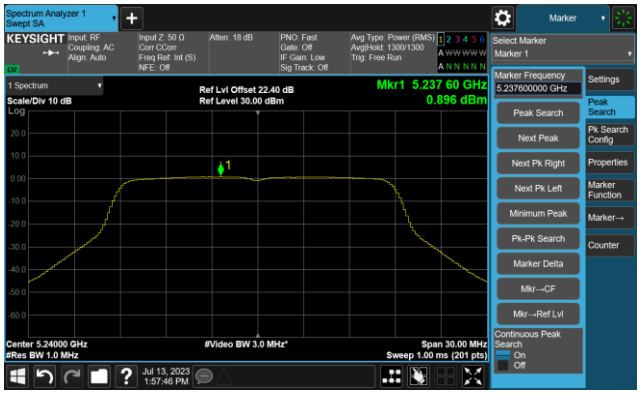
Channel 36 (5180MHz)



Channel 44 (5220MHz)



Channel 48 (5240MHz)



Channel 52 (5260MHz)

Channel 60 (5300MHz)

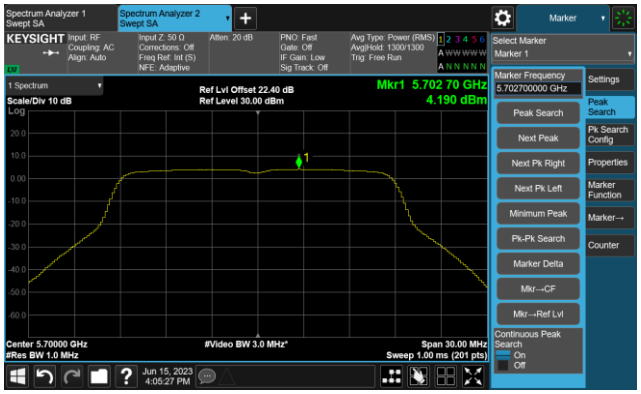
Channel 64 (5320MHz)

802.11ac-VHT20 Power Spectral Density- Ant 1

Channel 100 (5500MHz)

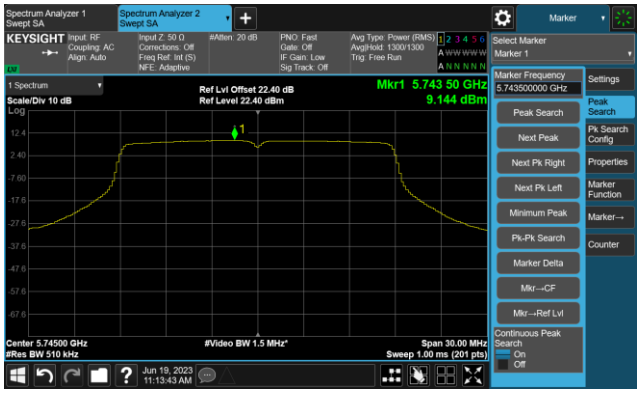
Channel 116 (5580MHz)

Channel 140 (5700MHz)

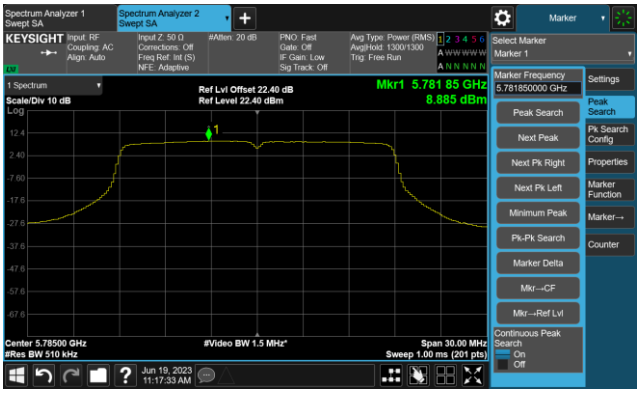


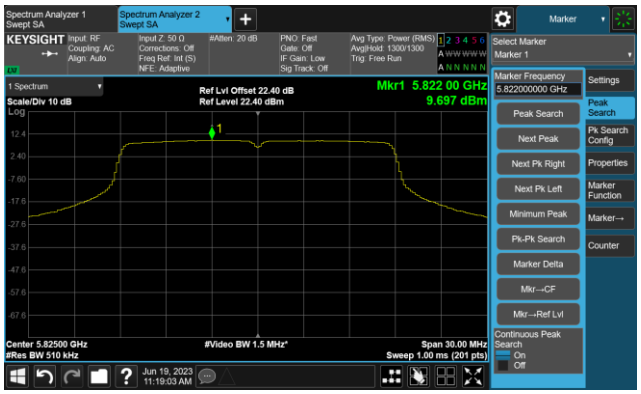
Channel 144(5720MHz)

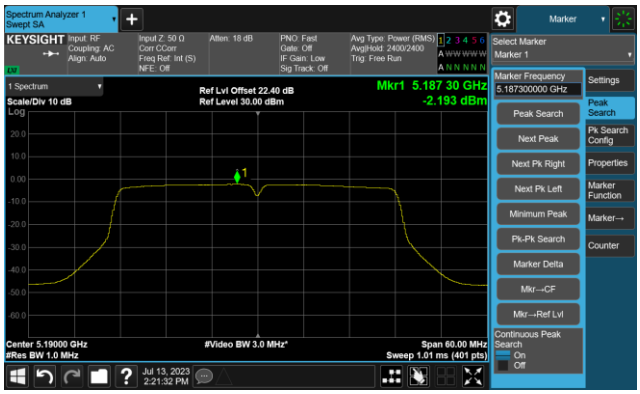
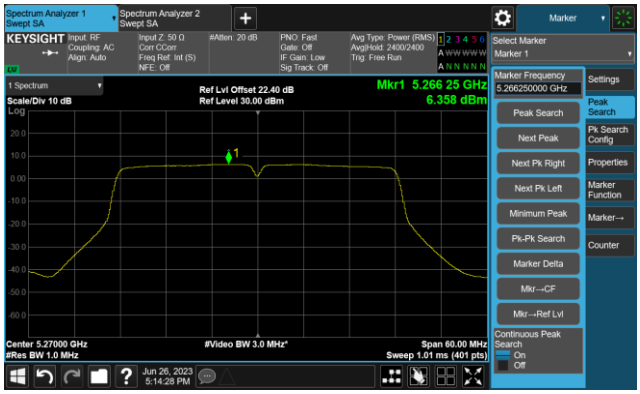
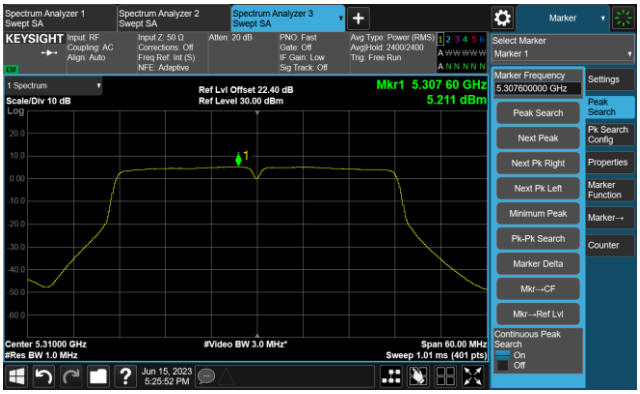
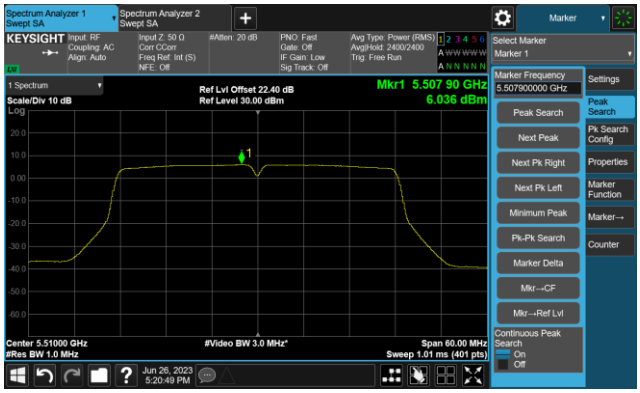
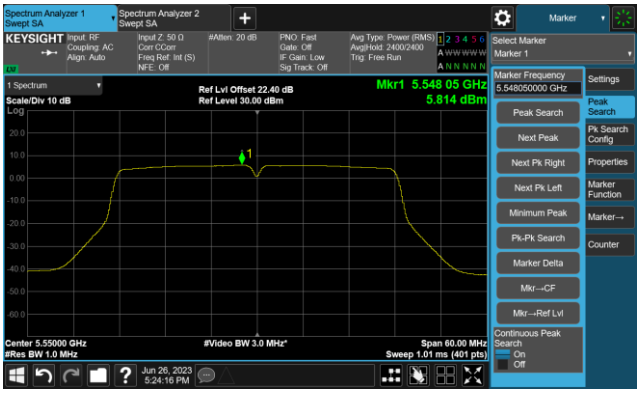
Channel 149 (5745MHz)

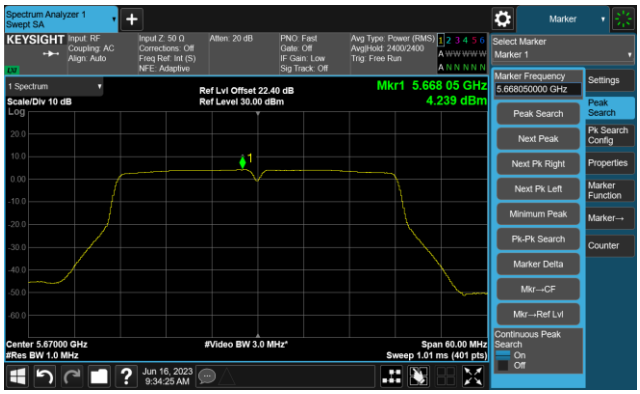
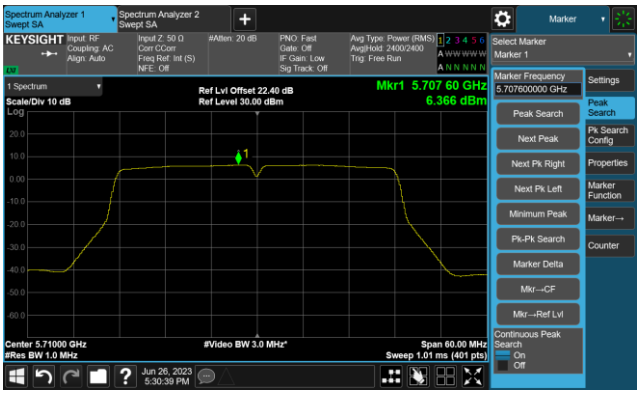
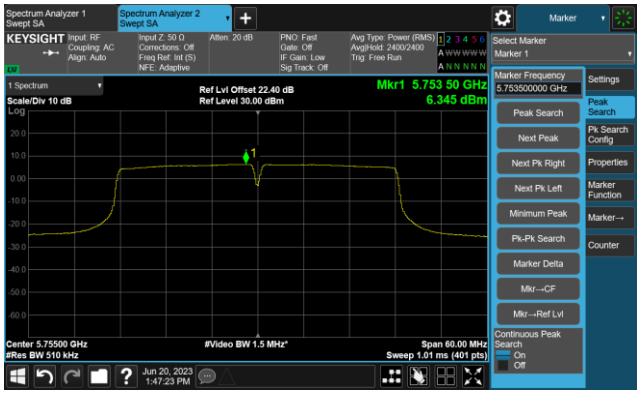
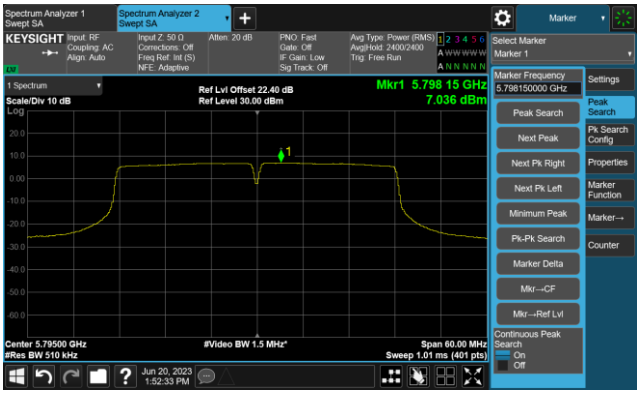


Channel 157 (5785MHz)



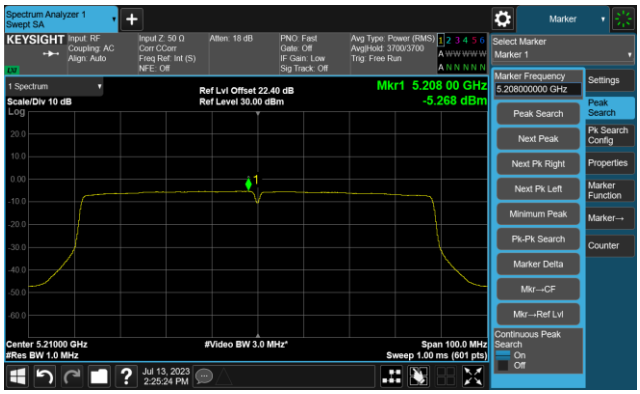
802.11ac-VHT20 Power Spectral Density- Ant 1	
Channel 165 (5825MHz)	
	

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)
	

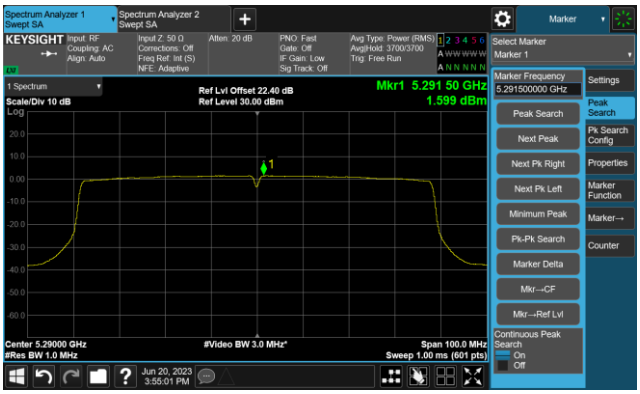
802.11ac-VHT40 Power Spectral Density- Ant 1	
Channel 134 (5670MHz)	Channel 142(5710MHz)
	
Channel 151 (5755MHz)	Channel 159 (5795MHz)
	

802.11ac-VHT80 Power Spectral Density- Ant 1

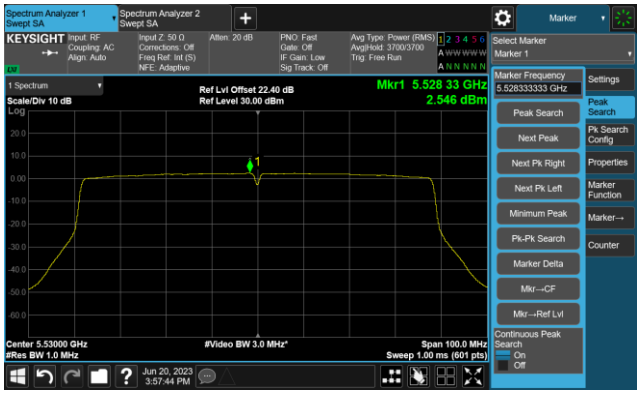
Channel 42 (5210MHz)



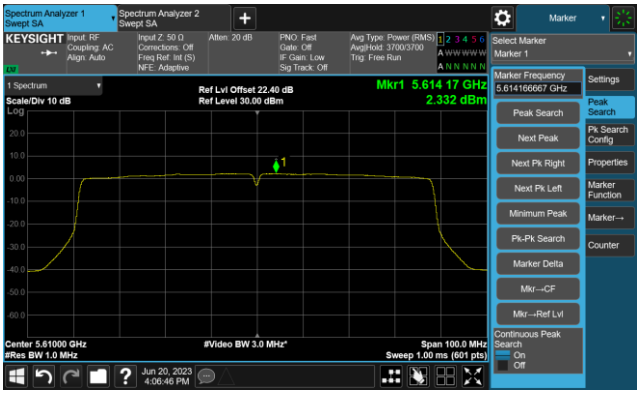
Channel 58 (5290MHz)



Channel 106 (5530MHz)

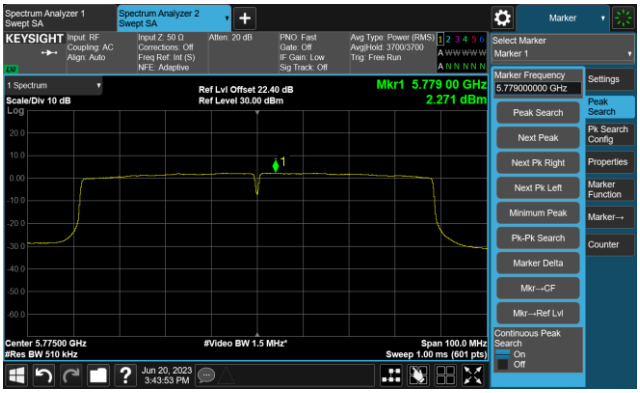


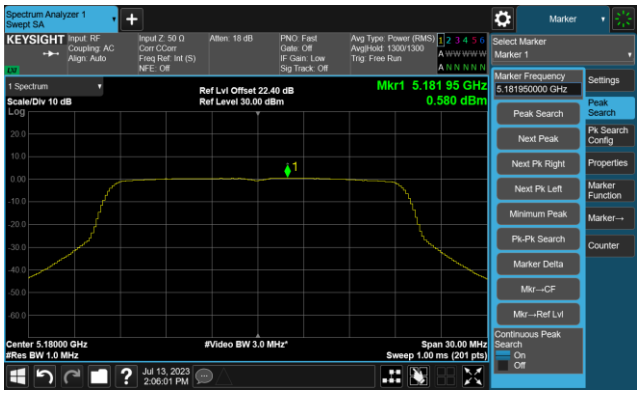
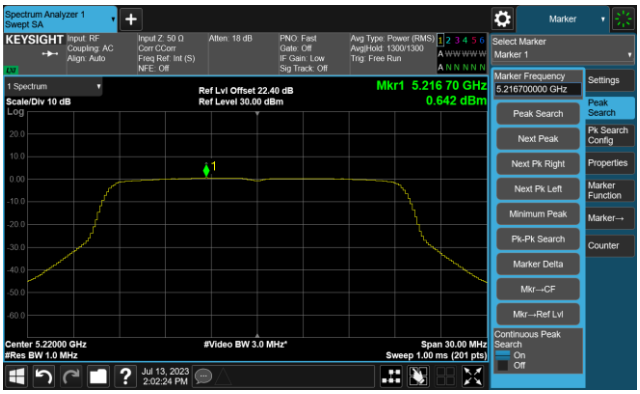
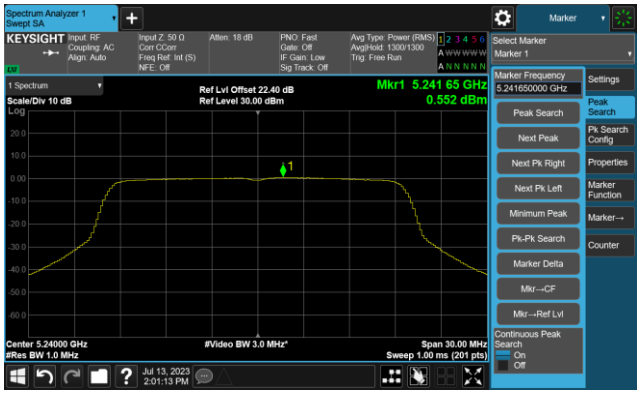
Channel 122 (5610MHz)

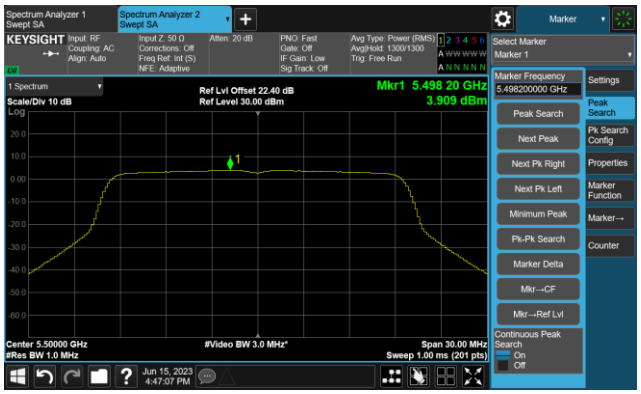
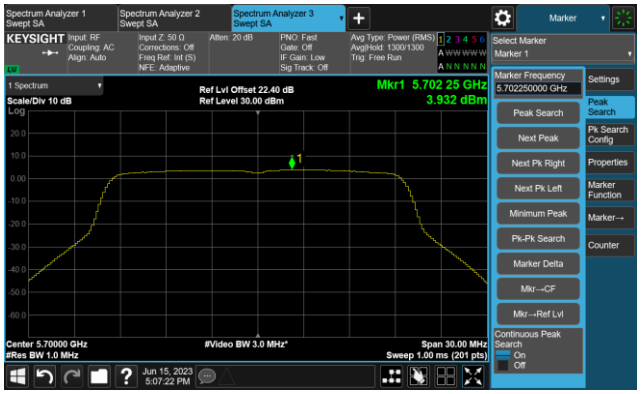
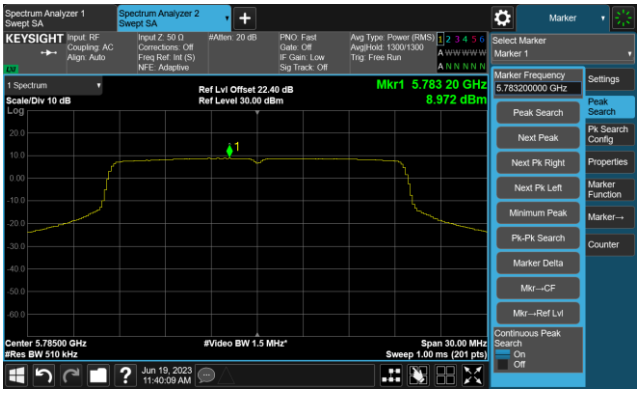


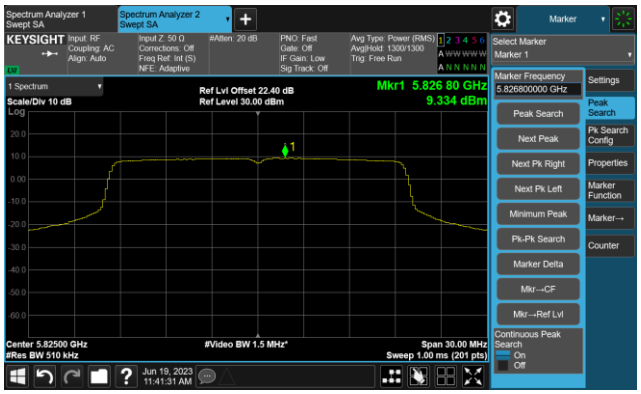
Channel 138 (5690MHz)

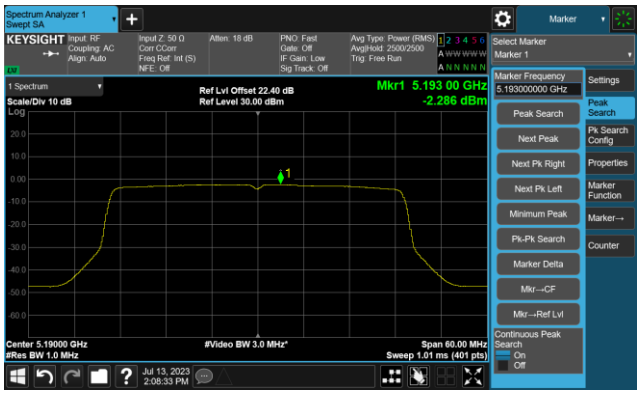
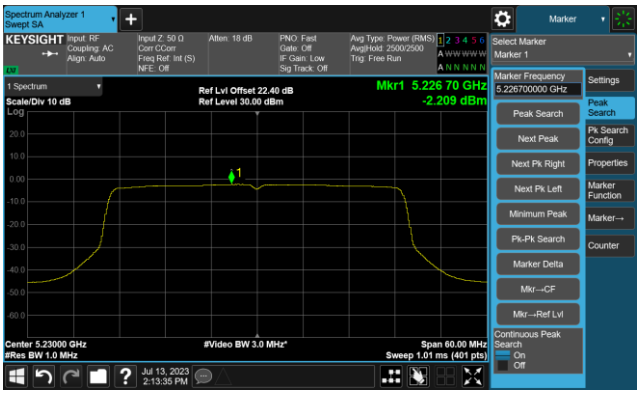
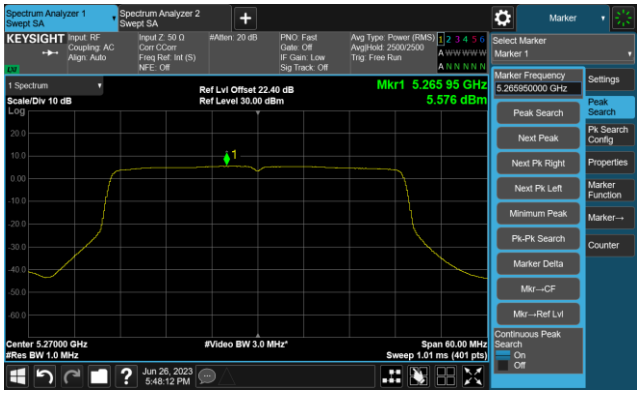
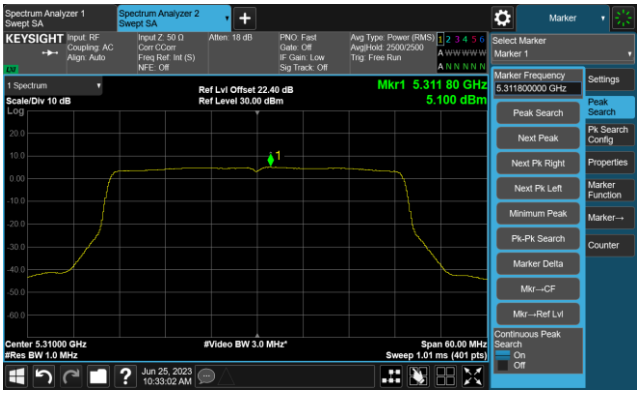
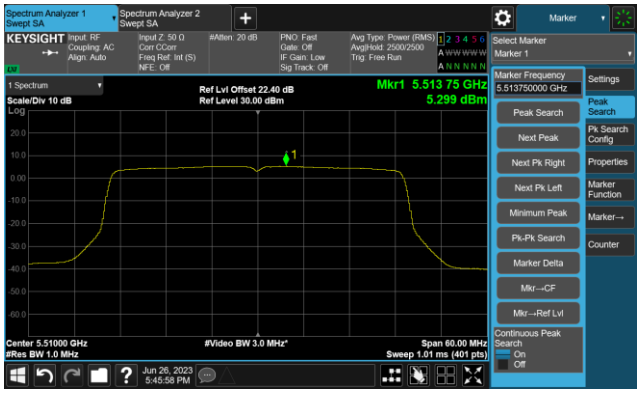
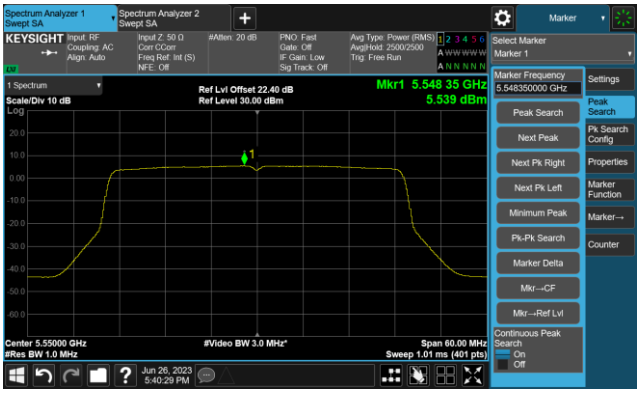
Channel 155 (5775MHz)

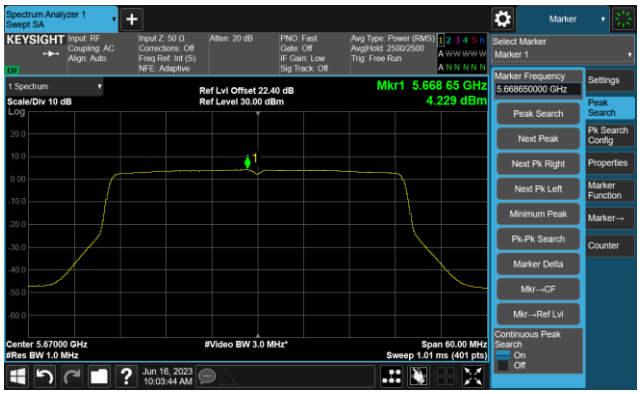
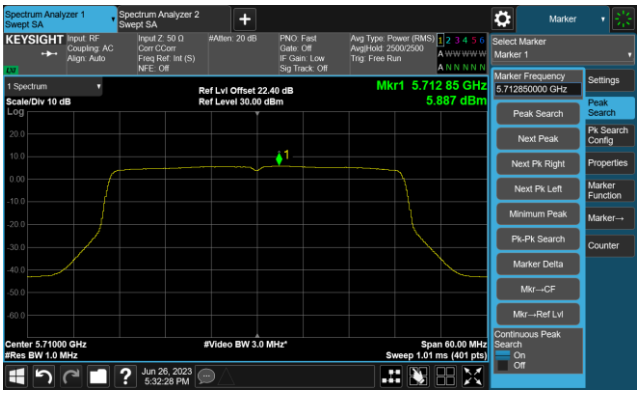
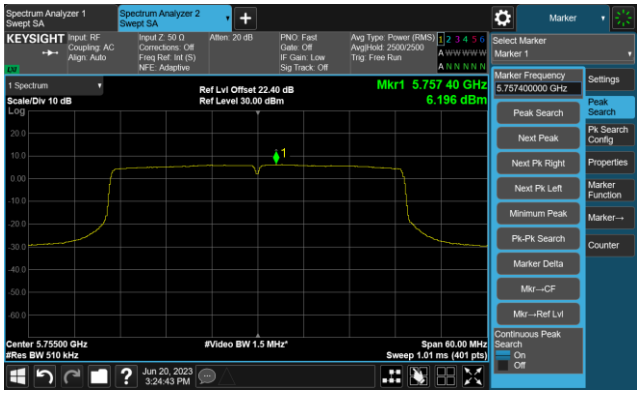
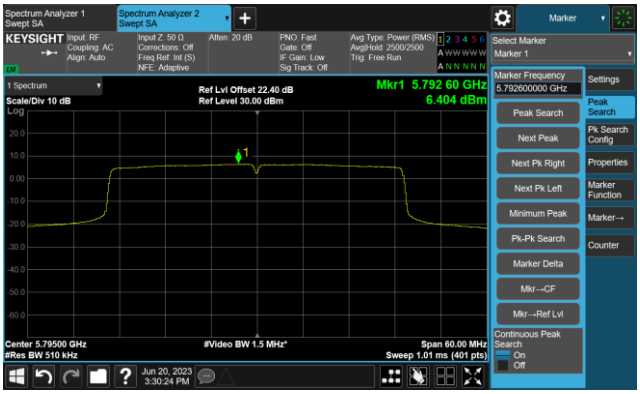


802.11ax-HE20 Power Spectral Density- Ant 1	
Channel 36 (5180MHz)	Channel 44 (5220MHz)
	
Channel 48 (5240MHz)	Channel 52 (5260MHz)
	
Channel 60 (5300MHz)	Channel 64 (5320MHz)

802.11ax-HE20 Power Spectral Density- Ant 1	
Channel 100 (5500MHz)	Channel 116 (5580MHz)
	
Channel 140 (5700MHz)	Channel 144(5720MHz)
	
Channel 149 (5745MHz)	Channel 157 (5785MHz)
	

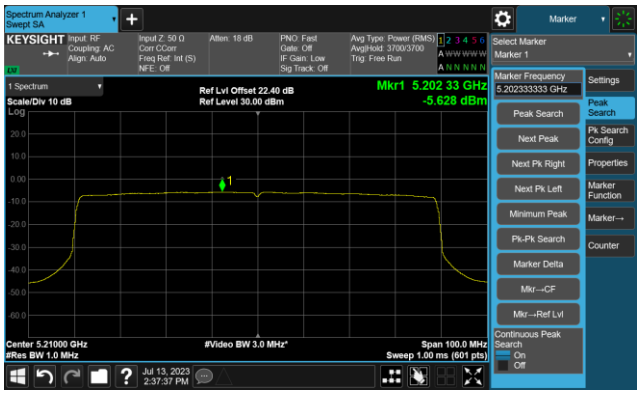
802.11ax-HE20 Power Spectral Density- Ant 1	
Channel 165 (5825MHz)	
	

802.11ax-HE40 Power Spectral Density- Ant 1	
Channel 38 (5190MHz)	Channel 46 (5230MHz)
	
Channel 54 (5270MHz)	Channel 62 (5310MHz)
	
Channel 102 (5510MHz)	Channel 110 (5550MHz)
	

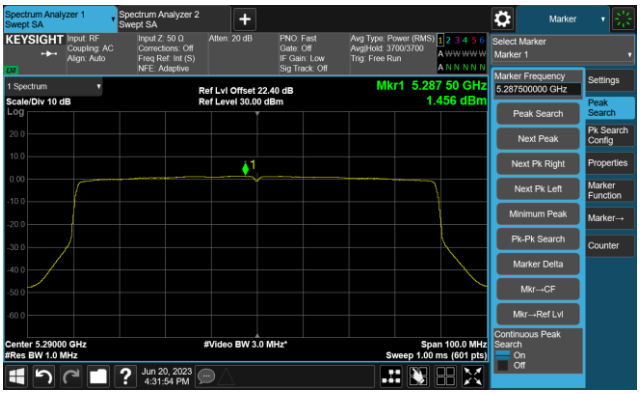
802.11ax-HE40 Power Spectral Density- Ant 1	
Channel 134 (5670MHz)	Channel 142(5710MHz)
	
Channel 151 (5755MHz)	Channel 159 (5795MHz)
	

802.11ax-HE80 Power Spectral Density- Ant 1

Channel 42 (5210MHz)

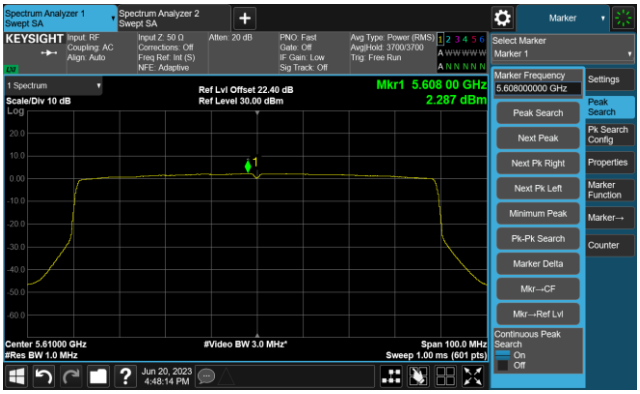


Channel 58 (5290MHz)



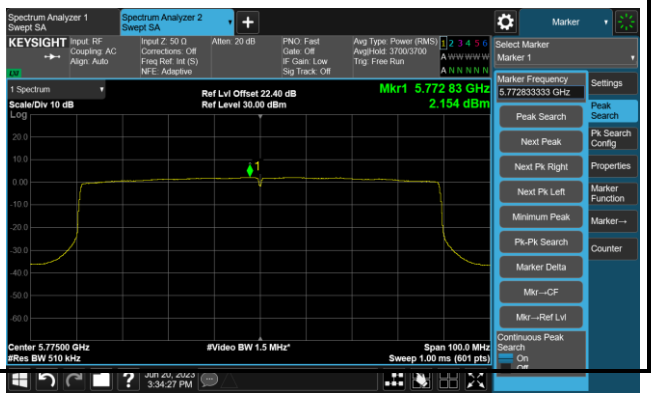
Channel 106 (5530MHz)

Channel 122 (5610MHz)



Channel 138 (5690MHz)

Channel 155 (5775MHz)



A.6 Frequency Stability Test Result

Test Site	WZ-SR5	Test Engineer	Jeff Yang
Test Date	2023-06-26	Test Mode	5180MHz (Carrier Mode)

Voltage (%)	Power (VAC)	Temp (°C)	Frequency Tolerance (ppm)			
			0 minutes	2 minutes	5 minutes	10 minutes
100%	120	- 30	23.65	23.73	23.86	23.99
		- 20	22.73	22.68	22.59	22.55
		- 10	20.54	20.40	20.39	20.22
		0	16.94	16.93	17.14	16.92
		+ 10	12.97	12.82	12.88	12.89
		+ 20	10.82	9.51	8.46	8.33
		+ 30	3.48	2.78	2.40	2.29
		+ 40	0.57	-1.63	-1.88	-0.62
		+ 50	-3.96	-4.88	-5.18	-5.39
115%	138	+ 20	10.60	9.30	8.40	8.29
85%	102	+ 20	11.15	9.04	8.38	8.21

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-AC2	Test Engineer	Bob Zhang
Test Date	2023-06-18	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
*	10265.0	31.4	14.4	45.8	68.2	-22.4	Peak	Horizontal
	10877.0	30.5	16.0	46.5	74.0	-27.5	Peak	Horizontal
	11540.0	31.5	17.5	49.0	74.0	-25.0	Peak	Horizontal
*	13911.5	30.2	18.2	48.4	68.2	-19.8	Peak	Horizontal
*	10358.5	35.9	14.9	50.8	68.2	-17.4	Peak	Vertical
	11174.5	29.2	16.9	46.1	74.0	-27.9	Peak	Vertical
	11786.5	29.3	17.5	46.8	74.0	-27.2	Peak	Vertical
*	14047.5	29.9	19.3	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-AC2	Test Engineer	Bob Zhang
Test Date	2023-06-18	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
*	10443.5	35.1	15.3	50.4	68.2	-17.8	Peak	Horizontal
	11276.5	29.6	16.9	46.5	74.0	-27.5	Peak	Horizontal
	12007.5	30.5	16.8	47.3	74.0	-26.7	Peak	Horizontal
*	13665.0	29.3	18.4	47.7	68.2	-20.5	Peak	Horizontal
*	10443.5	34.8	15.3	50.1	68.2	-18.1	Peak	Vertical
	10970.5	29.9	16.0	45.9	74.0	-28.1	Peak	Vertical
	11786.5	29.5	17.5	47.0	74.0	-27.0	Peak	Vertical
*	13852.0	30.3	18.7	49.0	68.2	-19.2	Peak	Vertical

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

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-06-18	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
*	10486.0	35.7	15.2	50.9	68.2	-17.3	Peak	Horizontal
	10851.5	32.9	16.3	49.2	74.0	-24.8	Peak	Horizontal
	11574.0	31.9	17.6	49.5	74.0	-24.5	Peak	Horizontal
*	14039.0	30.2	19.2	49.4	68.2	-18.8	Peak	Horizontal
*	10486.0	36.3	15.2	51.5	68.2	-16.7	Peak	Vertical
	11684.5	32.1	17.3	49.4	74.0	-24.6	Peak	Vertical
	12220.0	29.1	17.4	46.5	74.0	-27.5	Peak	Vertical
*	13911.5	29.6	18.2	47.8	68.2	-20.4	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-AC2	Test Engineer	Bob Zhang
Test Date	2023-06-18	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
*	10214.0	30.0	14.2	44.2	68.2	-24.0	Peak	Horizontal
	11115.0	31.5	16.4	47.9	74.0	-26.1	Peak	Horizontal
	11633.5	31.1	17.7	48.8	74.0	-25.2	Peak	Horizontal
*	13605.5	29.9	18.6	48.5	68.2	-19.7	Peak	Horizontal
*	9857.0	31.3	13.4	44.7	68.2	-23.5	Peak	Vertical
	11574.0	32.1	17.6	49.7	74.0	-24.3	Peak	Vertical
	11897.0	29.4	17.3	46.7	74.0	-27.3	Peak	Vertical
*	13486.5	31.4	19.4	50.8	68.2	-17.4	Peak	Vertical

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

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-06-18	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
*	9942.0	32.0	13.7	45.7	68.2	-22.5	Peak	Horizontal
	10613.5	34.1	15.1	49.2	74.0	-24.8	Peak	Horizontal
	11531.5	30.9	17.3	48.2	74.0	-25.8	Peak	Horizontal
*	13189.0	29.4	17.9	47.3	68.2	-20.9	Peak	Horizontal
*	10214.0	31.5	14.2	45.7	68.2	-22.5	Peak	Vertical
	11497.5	31.7	17.5	49.2	74.0	-24.8	Peak	Vertical
	11684.5	30.7	17.3	48.0	74.0	-26.0	Peak	Vertical
*	14353.5	31.5	19.6	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-AC2	Test Engineer	Bob Zhang
Test Date	2023-06-18	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
*	9508.5	31.4	13.3	44.7	68.2	-23.5	Peak	Horizontal
*	9942.0	31.8	13.7	45.5	68.2	-22.7	Peak	Horizontal
	11650.5	31.1	17.8	48.9	74.0	-25.1	Peak	Horizontal
	11948.0	29.5	16.8	46.3	74.0	-27.7	Peak	Horizontal
*	9993.0	32.0	13.6	45.6	68.2	-22.6	Peak	Vertical
	11123.5	30.2	16.3	46.5	74.0	-27.5	Peak	Vertical
	11846.0	29.1	17.0	46.1	74.0	-27.9	Peak	Vertical
*	14107.0	30.4	19.2	49.6	68.2	-18.6	Peak	Vertical

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

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-06-18	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
*	10171.5	30.6	14.0	44.6	68.2	-23.6	Peak	Horizontal
	11225.5	31.6	16.8	48.4	74.0	-25.6	Peak	Horizontal
	11659.0	31.2	17.7	48.9	74.0	-25.1	Peak	Horizontal
*	13792.5	29.4	18.5	47.9	68.2	-20.3	Peak	Horizontal
*	10171.5	30.8	14.0	44.8	68.2	-23.4	Peak	Vertical
	11123.5	30.7	16.3	47.0	74.0	-27.0	Peak	Vertical
	11633.5	30.6	17.7	48.3	74.0	-25.7	Peak	Vertical
*	13852.0	29.1	18.7	47.8	68.2	-20.4	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-AC2	Test Engineer	Bob Zhang
Test Date	2023-06-18	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
*	10078.0	31.2	13.6	44.8	68.2	-23.4	Peak	Horizontal
*	10537.0	30.0	15.0	45.0	68.2	-23.2	Peak	Horizontal
	11174.5	31.8	16.9	48.7	74.0	-25.3	Peak	Horizontal
	11897.0	29.0	17.3	46.3	74.0	-27.7	Peak	Horizontal
*	10078.0	31.2	13.6	44.8	68.2	-23.4	Peak	Vertical
*	10494.5	30.4	15.3	45.7	68.2	-22.5	Peak	Vertical
	11429.5	29.4	17.2	46.6	74.0	-27.4	Peak	Vertical
	11735.5	29.1	17.7	46.8	74.0	-27.2	Peak	Vertical

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

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-06-18	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
*	9678.5	31.2	13.4	44.6	68.2	-23.6	Peak	Horizontal
	10928.0	30.6	16.5	47.1	74.0	-26.9	Peak	Horizontal
	11608.0	33.0	17.1	50.1	74.0	-23.9	Peak	Horizontal
*	13911.5	29.7	18.2	47.9	68.2	-20.3	Peak	Horizontal
*	10035.5	30.4	13.8	44.2	68.2	-24.0	Peak	Vertical
*	10443.5	31.1	15.3	46.4	68.2	-21.8	Peak	Vertical
	11174.5	29.6	16.9	46.5	74.0	-27.5	Peak	Vertical
	12007.5	28.7	16.8	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-AC2	Test Engineer	Bob Zhang
Test Date	2023-06-18	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
*	10035.5	31.0	13.8	44.8	68.2	-23.4	Peak	Horizontal
	11642.0	32.6	17.9	50.5	74.0	-23.5	Peak	Horizontal
	12007.5	29.7	16.8	46.5	74.0	-27.5	Peak	Horizontal
*	14039.0	29.5	19.2	48.7	68.2	-19.5	Peak	Horizontal
*	9899.5	32.0	13.5	45.5	68.2	-22.7	Peak	Vertical
*	10265.0	30.9	14.4	45.3	68.2	-22.9	Peak	Vertical
	10792.0	32.7	16.1	48.8	74.0	-25.2	Peak	Vertical
	11710.0	31.3	17.8	49.1	74.0	-24.9	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-AC2	Test Engineer	Bob Zhang
Test Date	2023-06-18	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
*	9721.0	32.0	13.4	45.4	68.2	-22.8	Peak	Horizontal
*	10307.5	30.7	14.7	45.4	68.2	-22.8	Peak	Horizontal
	11548.5	30.8	17.7	48.5	74.0	-25.5	Peak	Horizontal
	11846.0	29.6	17.0	46.6	74.0	-27.4	Peak	Horizontal
*	9678.5	31.2	13.4	44.6	68.2	-23.6	Peak	Vertical
*	10078.0	30.9	13.6	44.5	68.2	-23.7	Peak	Vertical
	10851.5	32.2	16.3	48.5	74.0	-25.5	Peak	Vertical
	11948.0	30.7	16.8	47.5	74.0	-26.5	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-AC2	Test Engineer	Bob Zhang
Test Date	2023-06-18	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
*	10035.5	31.7	13.8	45.5	68.2	-22.7	Peak	Horizontal
*	10307.5	30.0	14.7	44.7	68.2	-23.5	Peak	Horizontal
	11072.5	30.5	16.4	46.9	74.0	-27.1	Peak	Horizontal
	11684.5	29.4	17.3	46.7	74.0	-27.3	Peak	Horizontal
*	10265.0	31.4	14.4	45.8	68.2	-22.4	Peak	Vertical
	10681.5	32.7	16.1	48.8	74.0	-25.2	Peak	Vertical
	11514.5	31.7	17.2	48.9	74.0	-25.1	Peak	Vertical
*	13792.5	29.6	18.5	48.1	68.2	-20.1	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-AC2	Test Engineer	Bob Zhang
Test Date	2023-06-18	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
*	9593.5	32.8	13.2	46.0	68.2	-22.2	Peak	Horizontal
*	10120.5	31.1	14.0	45.1	68.2	-23.1	Peak	Horizontal
	11123.5	30.4	16.3	46.7	74.0	-27.3	Peak	Horizontal
	11480.5	30.9	17.5	48.4	74.0	-25.6	Peak	Horizontal
*	10214.0	31.2	14.2	45.4	68.2	-22.8	Peak	Vertical
	10928.0	31.2	16.5	47.7	74.0	-26.3	Peak	Vertical
	11489.0	31.6	17.7	49.3	74.0	-24.7	Peak	Vertical
*	14166.5	30.6	19.1	49.7	68.2	-18.5	Peak	Vertical

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

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-06-19	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
*	9678.5	30.4	13.4	43.8	68.2	-24.4	Peak	Horizontal
	10826.0	29.6	16.2	45.8	74.0	-28.2	Peak	Horizontal
	11633.5	31.3	17.7	49.0	74.0	-25.0	Peak	Horizontal
*	13852.0	30.8	18.7	49.5	68.2	-18.7	Peak	Horizontal
	11531.5	29.7	17.3	47.0	74.0	-27.0	Peak	Vertical
	12007.5	29.5	16.8	46.3	74.0	-27.7	Peak	Vertical
*	12951.0	29.1	17.3	46.4	68.2	-21.8	Peak	Vertical
*	14166.5	30.1	19.1	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-AC2	Test Engineer	Bob Zhang
Test Date	2023-06-19	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
*	9814.5	32.1	13.6	45.7	68.2	-22.5	Peak	Horizontal
*	10214.0	30.5	14.2	44.7	68.2	-23.5	Peak	Horizontal
	11123.5	30.9	16.3	47.2	74.0	-26.8	Peak	Horizontal
	11327.5	28.2	17.3	45.5	74.0	-28.5	Peak	Horizontal
	11225.5	29.5	16.8	46.3	74.0	-27.7	Peak	Vertical
	11786.5	29.5	17.5	47.0	74.0	-27.0	Peak	Vertical
*	13044.5	32.4	17.4	49.8	68.2	-18.4	Peak	Vertical
*	13852.0	30.0	18.7	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	2023-06-27	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
*	9993.0	34.5	13.0	47.4	68.2	-20.8	Peak	Horizontal
	10800.5	37.0	13.8	50.8	74.0	-23.2	Peak	Horizontal
	11531.5	37.0	12.8	49.9	74.0	-24.1	Peak	Horizontal
*	13733.0	35.4	14.0	49.4	68.2	-18.8	Peak	Horizontal
*	10265.0	34.8	13.5	48.3	68.2	-19.9	Peak	Vertical
	11251.0	37.0	12.8	49.8	74.0	-24.2	Peak	Vertical
	11956.5	36.5	12.1	48.6	74.0	-25.4	Peak	Vertical
*	14217.5	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	Carl Jiang
Test Date	2023-06-27	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
*	10256.5	35.2	13.4	48.7	68.2	-19.5	Peak	Horizontal
	11021.5	36.2	13.6	49.8	74.0	-24.2	Peak	Horizontal
	11931.0	36.6	12.1	48.7	74.0	-25.3	Peak	Horizontal
*	13988.0	34.9	14.4	49.2	68.2	-19.0	Peak	Horizontal
*	9823.0	34.4	13.1	47.5	68.2	-20.7	Peak	Vertical
	11140.5	36.5	13.1	49.6	74.0	-24.4	Peak	Vertical
	12033.0	35.6	12.3	48.0	74.0	-26.0	Peak	Vertical
*	14090.0	35.0	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	2023-06-27	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
*	10078.0	31.5	13.6	45.1	68.2	-23.1	Peak	Horizontal
*	10443.5	29.8	15.3	45.1	68.2	-23.1	Peak	Horizontal
	10877.0	29.0	16.0	45.0	74.0	-29.0	Peak	Horizontal
	11378.5	28.7	17.2	45.9	74.0	-28.1	Peak	Horizontal
*	9993.0	31.2	13.6	44.8	68.2	-23.4	Peak	Vertical
*	10307.5	30.6	14.7	45.3	68.2	-22.9	Peak	Vertical
	11225.5	29.9	16.8	46.7	74.0	-27.3	Peak	Vertical
	11429.5	30.9	17.2	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-AC2	Test Engineer	Bob Zhang
Test Date	2023-06-19	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
*	9678.5	30.5	13.4	43.9	68.2	-24.3	Peak	Horizontal
*	10290.5	32.6	14.7	47.3	68.2	-20.9	Peak	Horizontal
	10826.0	30.5	16.2	46.7	74.0	-27.3	Peak	Horizontal
	11378.5	28.5	17.2	45.7	74.0	-28.3	Peak	Horizontal
*	9857.0	32.0	13.4	45.4	68.2	-22.8	Peak	Vertical
*	9993.0	31.4	13.6	45.0	68.2	-23.2	Peak	Vertical
	11115.0	32.3	16.4	48.7	74.0	-25.3	Peak	Vertical
	11684.5	29.4	17.3	46.7	74.0	-27.3	Peak	Vertical

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

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-06-19	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
	11582.5	30.6	17.5	48.1	74.0	-25.9	Peak	Horizontal
	12271.0	29.3	17.3	46.6	74.0	-27.4	Peak	Horizontal
*	12951.0	29.5	17.3	46.8	68.2	-21.4	Peak	Horizontal
*	13784.0	32.4	18.8	51.2	68.2	-17.0	Peak	Horizontal
*	9857.0	30.4	13.4	43.8	68.2	-24.4	Peak	Vertical
*	10307.5	30.4	14.7	45.1	68.2	-23.1	Peak	Vertical
	11225.5	29.4	16.8	46.2	74.0	-27.8	Peak	Vertical
	11650.5	30.1	17.8	47.9	74.0	-26.1	Peak	Vertical

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

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-06-19	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
*	9678.5	30.7	13.4	44.1	68.2	-24.1	Peak	Horizontal
*	10171.5	30.8	14.0	44.8	68.2	-23.4	Peak	Horizontal
	11531.5	30.5	17.3	47.8	74.0	-26.2	Peak	Horizontal
	12288.0	31.2	17.6	48.8	74.0	-25.2	Peak	Horizontal
*	9899.5	32.6	13.5	46.1	68.2	-22.1	Peak	Vertical
*	10171.5	30.2	14.0	44.2	68.2	-24.0	Peak	Vertical
	11276.5	29.4	16.9	46.3	74.0	-27.7	Peak	Vertical
	11540.0	32.2	17.5	49.7	74.0	-24.3	Peak	Vertical

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

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-06-19	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
*	9857.0	30.2	13.4	43.6	68.2	-24.6	Peak	Horizontal
*	10214.0	30.4	14.2	44.6	68.2	-23.6	Peak	Horizontal
	11327.5	28.0	17.3	45.3	74.0	-28.7	Peak	Horizontal
	11684.5	30.1	17.3	47.4	74.0	-26.6	Peak	Horizontal
*	9993.0	32.0	13.6	45.6	68.2	-22.6	Peak	Vertical
*	10401.0	30.0	14.9	44.9	68.2	-23.3	Peak	Vertical
	10970.5	29.4	16.0	45.4	74.0	-28.6	Peak	Vertical
	11684.5	28.8	17.3	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-AC2	Test Engineer	Bob Zhang
Test Date	2023-06-19	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
*	9814.5	31.3	13.6	44.9	68.2	-23.3	Peak	Horizontal
*	10120.5	31.1	14.0	45.1	68.2	-23.1	Peak	Horizontal
	11021.5	29.8	16.2	46.0	74.0	-28.0	Peak	Horizontal
	11633.5	29.2	17.7	46.9	74.0	-27.1	Peak	Horizontal
*	9993.0	31.2	13.6	44.8	68.2	-23.4	Peak	Vertical
*	10401.0	30.6	14.9	45.5	68.2	-22.7	Peak	Vertical
	10928.0	28.2	16.5	44.7	74.0	-29.3	Peak	Vertical
	11786.5	29.0	17.5	46.5	74.0	-27.5	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-AC2	Test Engineer	Bob Zhang
Test Date	2023-06-19	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
*	10035.5	30.9	13.8	44.7	68.2	-23.5	Peak	Horizontal
*	10401.0	30.0	14.9	44.9	68.2	-23.3	Peak	Horizontal
	11123.5	30.8	16.3	47.1	74.0	-26.9	Peak	Horizontal
	11948.0	29.4	16.8	46.2	74.0	-27.8	Peak	Horizontal
*	9865.5	30.1	13.5	43.6	68.2	-24.6	Peak	Vertical
*	10214.0	30.8	14.2	45.0	68.2	-23.2	Peak	Vertical
	11225.5	29.1	16.8	45.9	74.0	-28.1	Peak	Vertical
	11557.0	30.1	17.8	47.9	74.0	-26.1	Peak	Vertical

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

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-06-19	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
*	9993.0	31.5	13.6	45.1	68.2	-23.1	Peak	Horizontal
*	10443.5	30.2	15.3	45.5	68.2	-22.7	Peak	Horizontal
	11429.5	29.6	17.2	46.8	74.0	-27.2	Peak	Horizontal
	11846.0	29.1	17.0	46.1	74.0	-27.9	Peak	Horizontal
*	9993.0	31.5	13.6	45.1	68.2	-23.1	Peak	Vertical
*	10171.5	30.3	14.0	44.3	68.2	-23.9	Peak	Vertical
	11123.5	29.7	16.3	46.0	74.0	-28.0	Peak	Vertical
	12330.5	32.7	17.0	49.7	74.0	-24.3	Peak	Vertical

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

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-06-19	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
*	10035.5	30.7	13.8	44.5	68.2	-23.7	Peak	Horizontal
*	10307.5	31.0	14.7	45.7	68.2	-22.5	Peak	Horizontal
	11072.5	29.2	16.4	45.6	74.0	-28.4	Peak	Horizontal
	11489.0	31.0	17.7	48.7	74.0	-25.3	Peak	Horizontal
*	10035.5	31.3	13.8	45.1	68.2	-23.1	Peak	Vertical
*	10350.0	31.2	15.0	46.2	68.2	-22.0	Peak	Vertical
	11123.5	30.5	16.3	46.8	74.0	-27.2	Peak	Vertical
	11548.5	30.5	17.7	48.2	74.0	-25.8	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-AC2	Test Engineer	Bob Zhang
Test Date	2023-06-19	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
*	9993.0	30.4	13.6	44.0	68.2	-24.2	Peak	Horizontal
*	10384.0	34.3	14.9	49.2	68.2	-19.0	Peak	Horizontal
	11251.0	30.6	17.1	47.7	74.0	-26.3	Peak	Horizontal
	12058.5	32.5	16.8	49.3	74.0	-24.7	Peak	Horizontal
*	9993.0	31.9	13.6	45.5	68.2	-22.7	Peak	Vertical
*	10350.0	30.1	15.0	45.1	68.2	-23.1	Peak	Vertical
	11480.5	29.8	17.5	47.3	74.0	-26.7	Peak	Vertical
	12058.5	32.5	16.8	49.3	74.0	-24.7	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-AC2	Test Engineer	Bob Zhang
Test Date	2023-06-19	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
*	9772.0	30.7	13.4	44.1	68.2	-24.1	Peak	Horizontal
*	10401.0	30.5	14.9	45.4	68.2	-22.8	Peak	Horizontal
	11021.5	29.2	16.2	45.4	74.0	-28.6	Peak	Horizontal
	12109.5	29.3	16.8	46.1	74.0	-27.9	Peak	Horizontal
*	9899.5	31.0	13.5	44.5	68.2	-23.7	Peak	Vertical
*	10120.5	30.4	14.0	44.4	68.2	-23.8	Peak	Vertical
	11174.5	29.4	16.9	46.3	74.0	-27.7	Peak	Vertical
	11480.5	29.7	17.5	47.2	74.0	-26.8	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-AC2	Test Engineer	Bob Zhang
Test Date	2023-06-19	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
*	9857.0	30.3	13.4	43.7	68.2	-24.5	Peak	Horizontal
*	10401.0	29.9	14.9	44.8	68.2	-23.4	Peak	Horizontal
	11174.5	30.8	16.9	47.7	74.0	-26.3	Peak	Horizontal
	11480.5	29.1	17.5	46.6	74.0	-27.4	Peak	Horizontal
*	9772.0	31.3	13.4	44.7	68.2	-23.5	Peak	Vertical
*	10265.0	30.1	14.4	44.5	68.2	-23.7	Peak	Vertical
	11021.5	29.0	16.2	45.2	74.0	-28.8	Peak	Vertical
	11429.5	29.8	17.2	47.0	74.0	-27.0	Peak	Vertical

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

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-06-19	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
*	10078.0	30.5	13.6	44.1	68.2	-24.1	Peak	Horizontal
*	10494.5	30.8	15.3	46.1	68.2	-22.1	Peak	Horizontal
	10970.5	28.8	16.0	44.8	74.0	-29.2	Peak	Horizontal
	11531.5	29.4	17.3	46.7	74.0	-27.3	Peak	Horizontal
*	9636.0	30.5	13.3	43.8	68.2	-24.4	Peak	Vertical
*	9899.5	31.1	13.5	44.6	68.2	-23.6	Peak	Vertical
	11072.5	29.8	16.4	46.2	74.0	-27.8	Peak	Vertical
	11659.0	30.3	17.7	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-AC2	Test Engineer	Bob Zhang
Test Date	2023-06-19	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
*	9814.5	30.7	13.6	44.3	68.2	-23.9	Peak	Horizontal
*	10078.0	31.1	13.6	44.7	68.2	-23.5	Peak	Horizontal
	11072.5	29.2	16.4	45.6	74.0	-28.4	Peak	Horizontal
	11480.5	29.8	17.5	47.3	74.0	-26.7	Peak	Horizontal
*	9721.0	30.9	13.4	44.3	68.2	-23.9	Peak	Vertical
*	10120.5	30.7	14.0	44.7	68.2	-23.5	Peak	Vertical
	10970.5	29.1	16.0	45.1	74.0	-28.9	Peak	Vertical
	11633.5	28.5	17.7	46.2	74.0	-27.8	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-AC2	Test Engineer	Bob Zhang
Test Date	2023-06-19	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
*	9857.0	30.2	13.4	43.6	68.2	-24.6	Peak	Horizontal
*	10265.0	31.4	14.4	45.8	68.2	-22.4	Peak	Horizontal
	11395.5	28.9	17.4	46.3	74.0	-27.7	Peak	Horizontal
	11786.5	29.7	17.5	47.2	74.0	-26.8	Peak	Horizontal
*	10035.5	30.6	13.8	44.4	68.2	-23.8	Peak	Vertical
*	10401.0	30.8	14.9	45.7	68.2	-22.5	Peak	Vertical
	11378.5	28.6	17.2	45.8	74.0	-28.2	Peak	Vertical
	11786.5	30.0	17.5	47.5	74.0	-26.5	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-AC2	Test Engineer	Bob Zhang
Test Date	2023-06-19	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
	11531.5	30.5	17.3	47.8	74.0	-26.2	Peak	Horizontal
	11897.0	30.7	17.3	48.0	74.0	-26.0	Peak	Horizontal
*	14319.5	32.8	19.4	52.2	68.2	-16.0	Peak	Horizontal
*	16470.0	33.7	19.8	53.5	68.2	-14.7	Peak	Horizontal
*	9814.5	30.3	13.6	43.9	68.2	-24.3	Peak	Vertical
*	9993.0	30.6	13.6	44.2	68.2	-24.0	Peak	Vertical
	11174.5	28.8	16.9	45.7	74.0	-28.3	Peak	Vertical
	11531.5	30.5	17.3	47.8	74.0	-26.2	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)