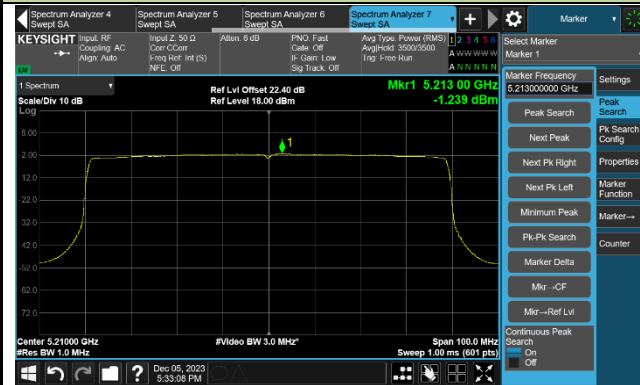
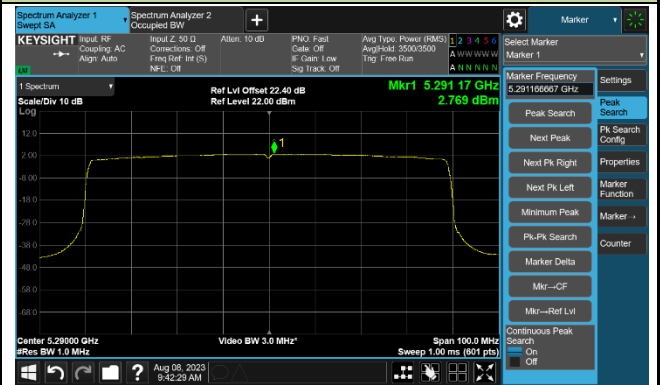


802.11ax-HE80 Power Spectral Density - Ant 0

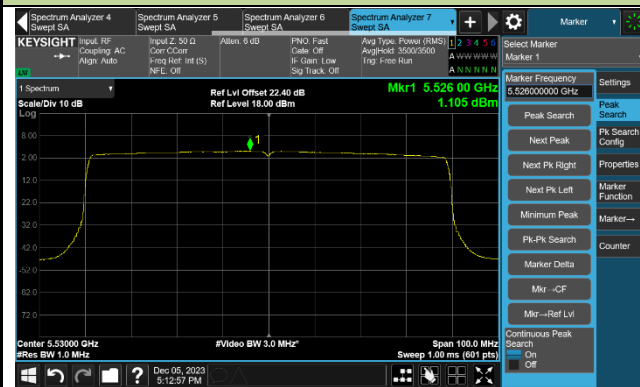
Channel 42 (5210MHz)



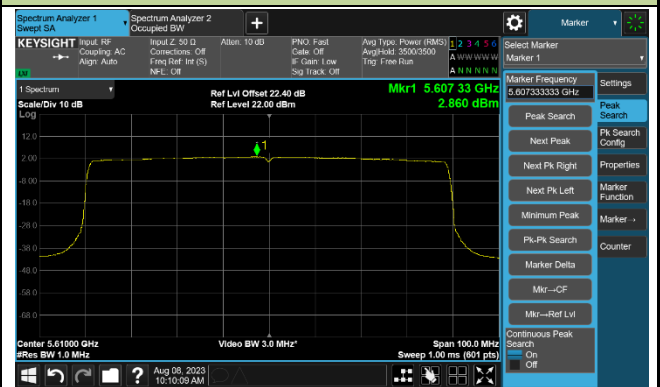
Channel 58 (5290MHz)



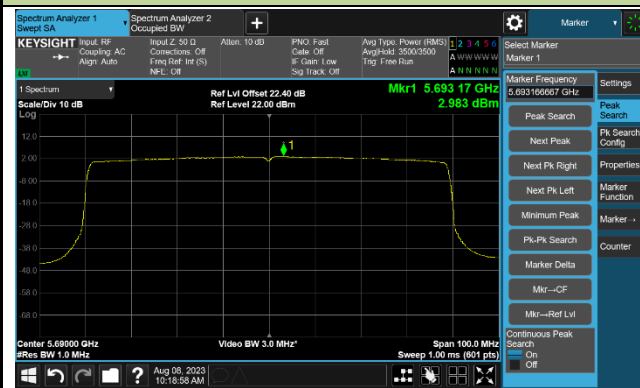
Channel 106 (5530MHz)



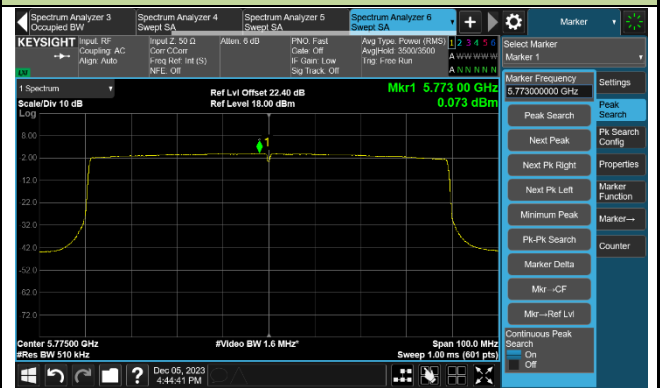
Channel 122 (5610MHz)



Channel 138 (5690MHz)



Channel 155 (5775MHz)

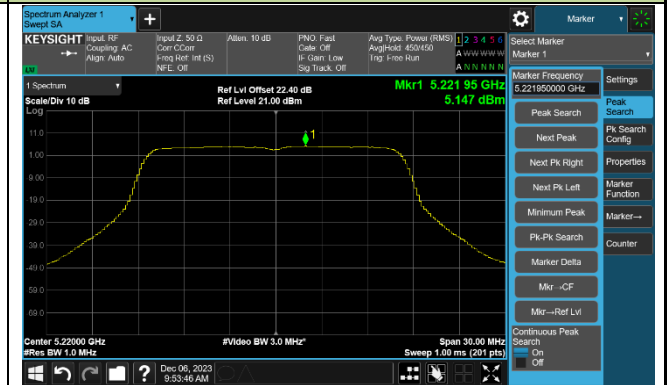


802.11a Power Spectral Density - Ant 1

Channel 36 (5180MHz)



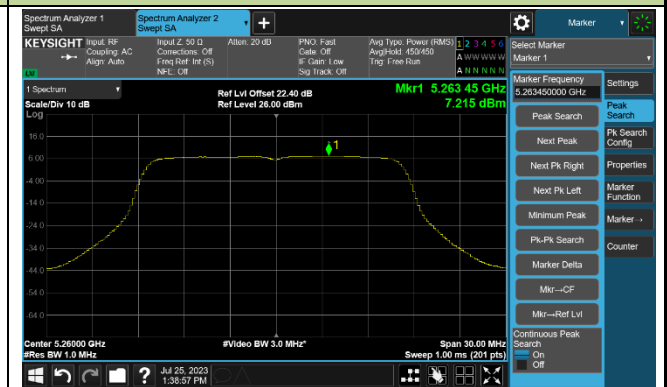
Channel 44 (5220MHz)



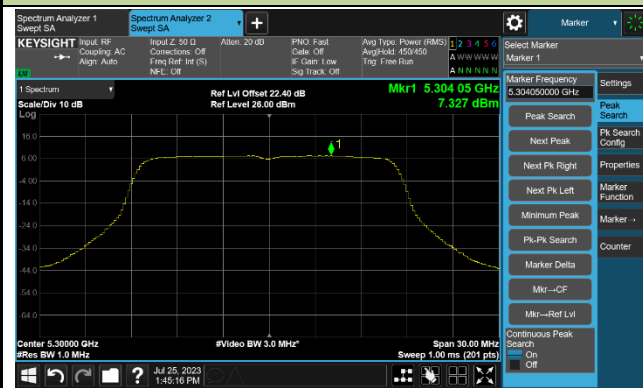
Channel 48 (5240MHz)



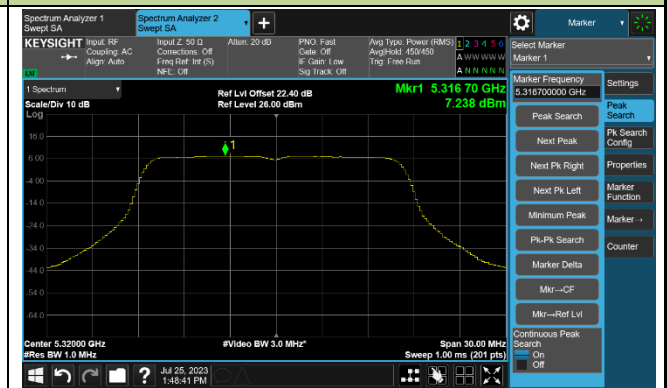
Channel 52 (5260MHz)



Channel 60 (5300MHz)

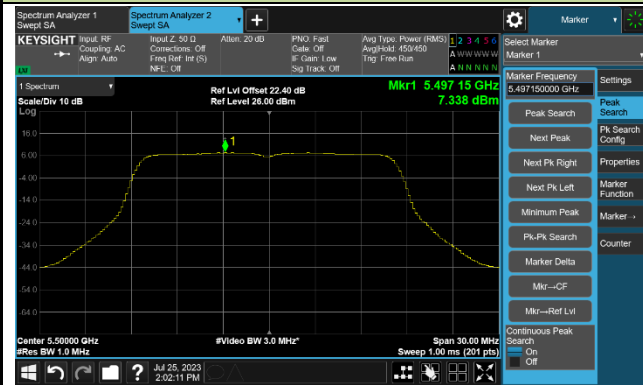


Channel 64 (5320MHz)

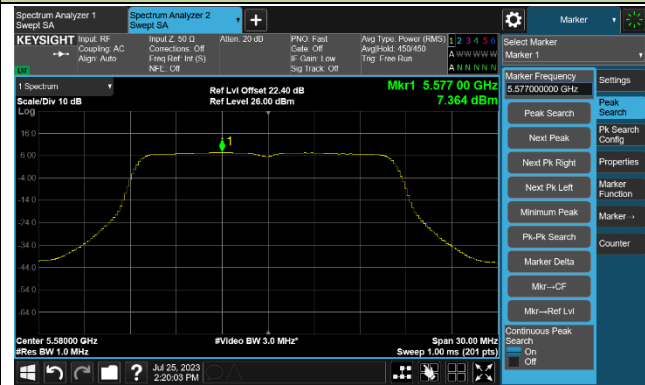


802.11a Power Spectral Density - Ant 1

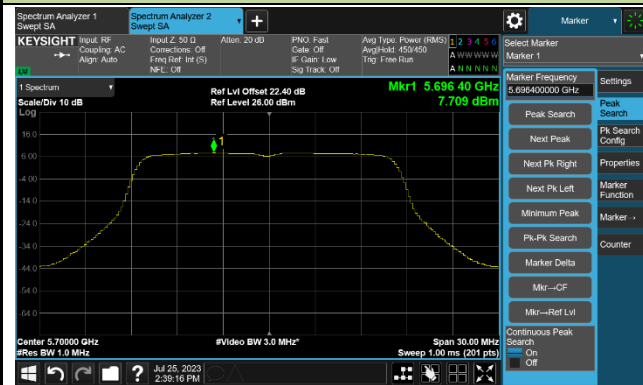
Channel 100 (5500MHz)



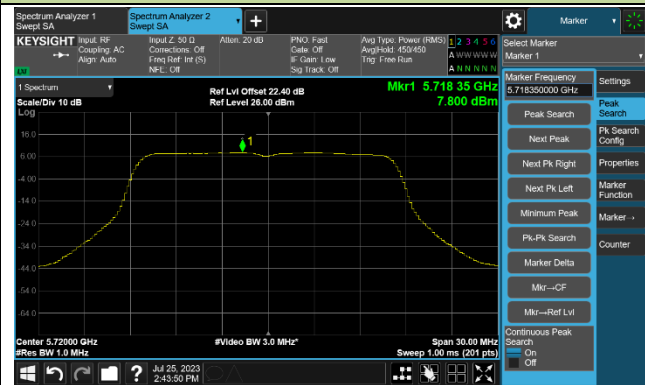
Channel 116 (5580MHz)



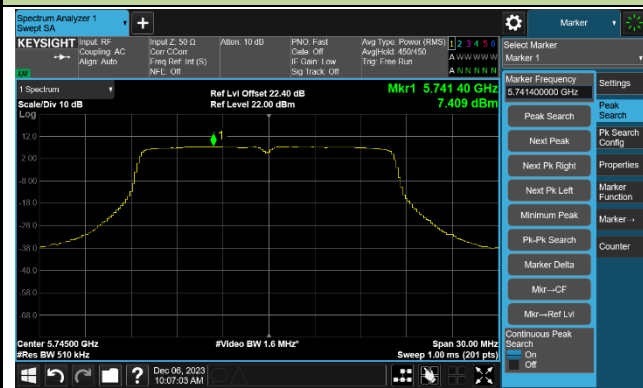
Channel 140 (5700MHz)



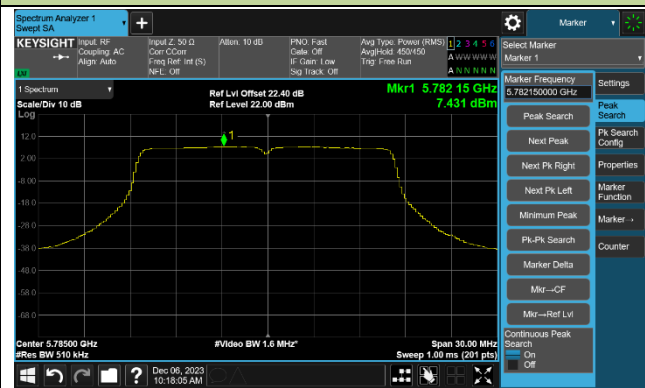
Channel 144 (5720MHz)



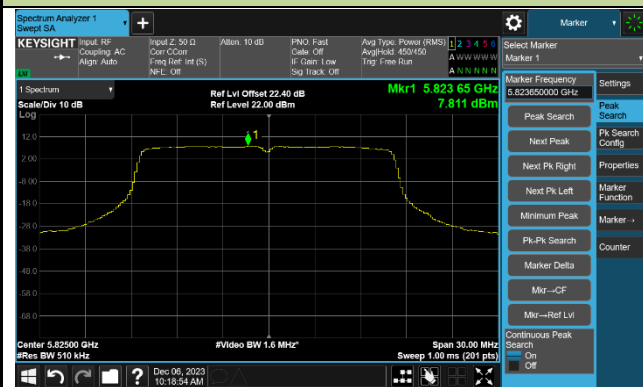
Channel 149 (5745MHz)



Channel 157 (5785MHz)



Channel 165 (5825MHz)



802.11ac-VHT20 Power Spectral Density - Ant 1

Channel 36 (5180MHz)



Channel 44 (5220MHz)



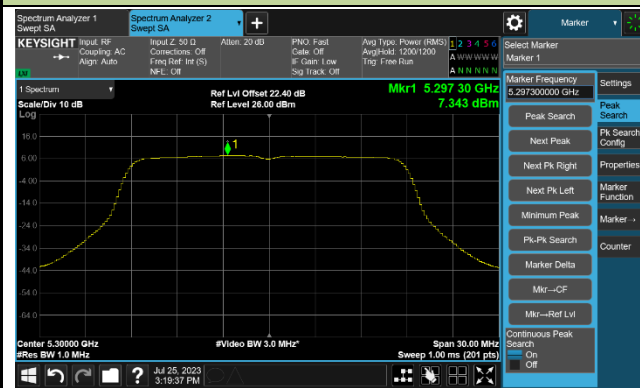
Channel 48 (5240MHz)



Channel 52 (5260MHz)



Channel 60 (5300MHz)

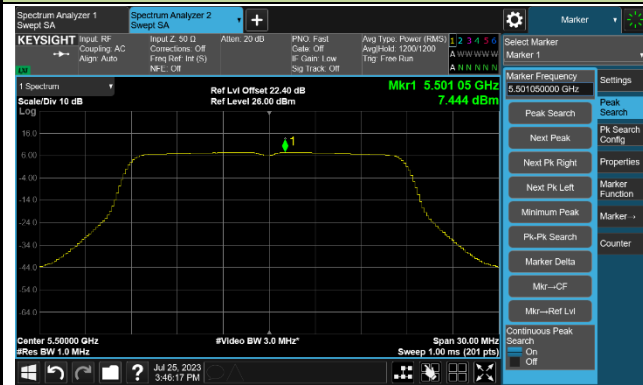


Channel 64 (5320MHz)

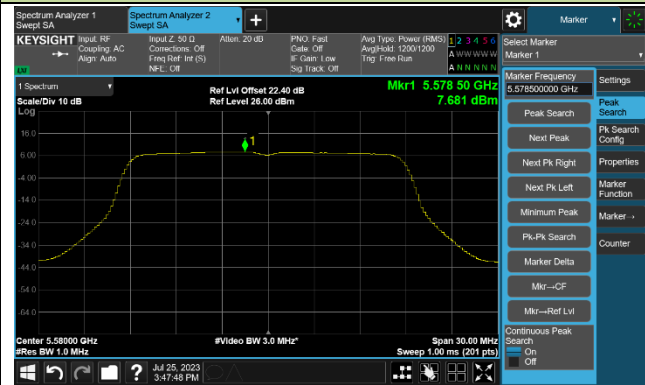


802.11ac-VHT20 Power Spectral Density - Ant 1

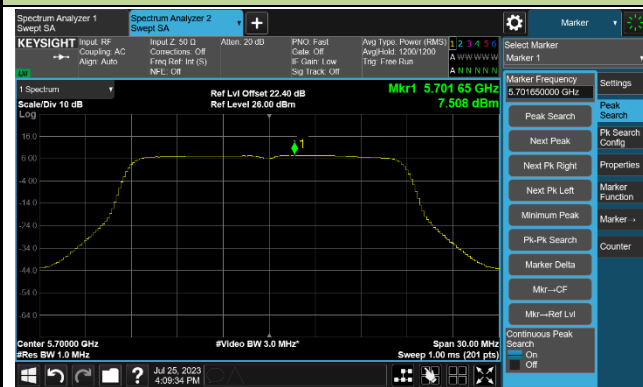
Channel 100 (5500MHz)



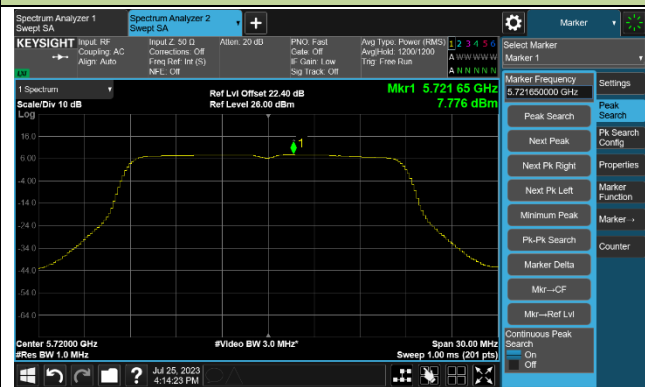
Channel 116 (5580MHz)



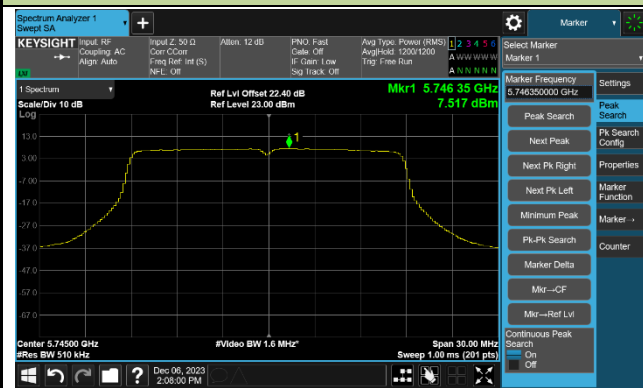
Channel 140 (5700MHz)



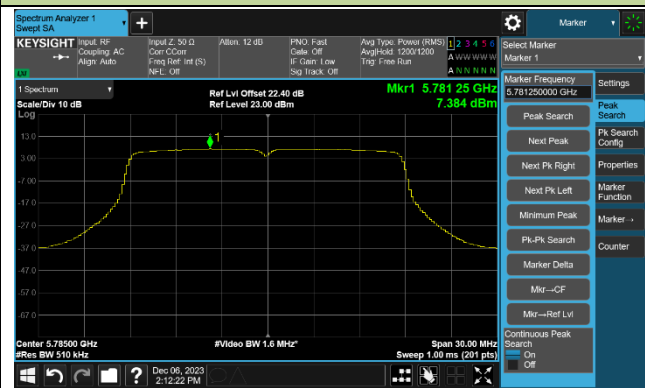
Channel 144 (5720MHz)



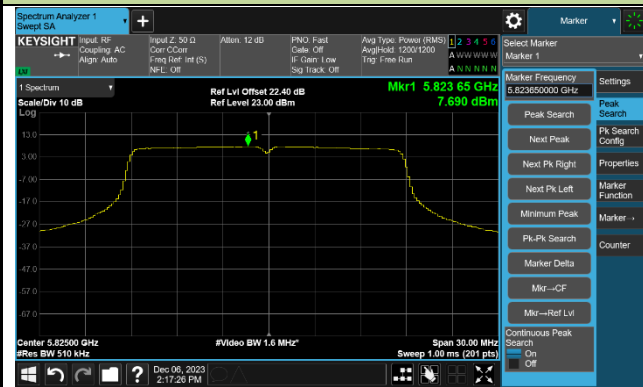
Channel 149 (5745MHz)



Channel 157 (5785MHz)

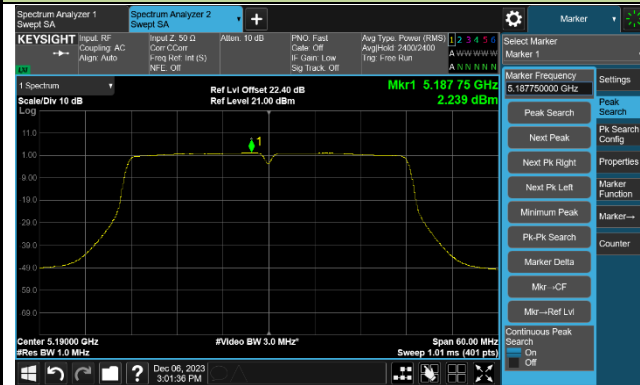


Channel 165 (5825MHz)

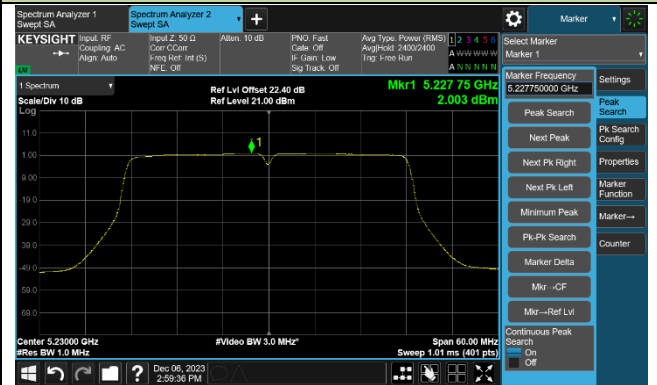


802.11ac-VHT40 Power Spectral Density - Ant 1

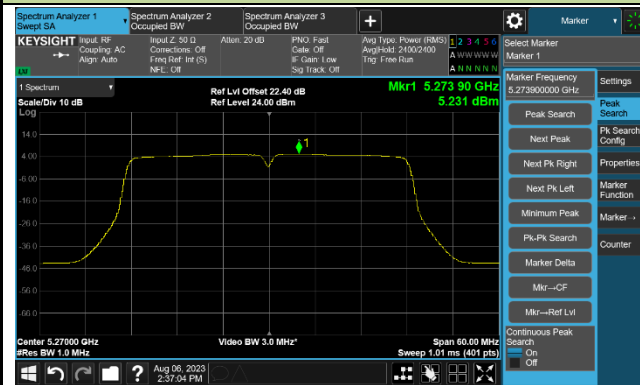
Channel 38 (5190MHz)



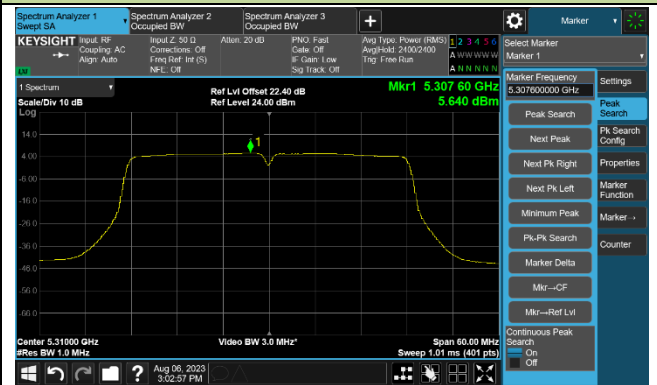
Channel 46 (5230MHz)



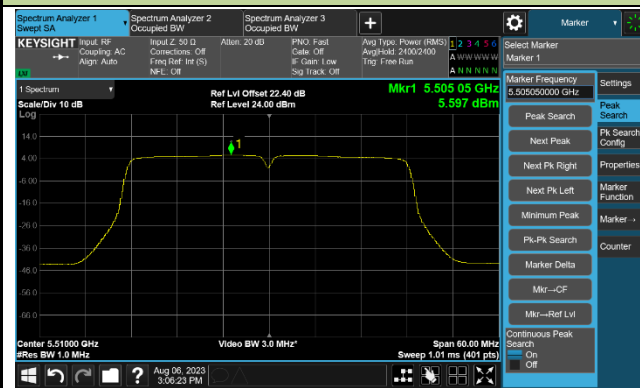
Channel 54 (5270MHz)



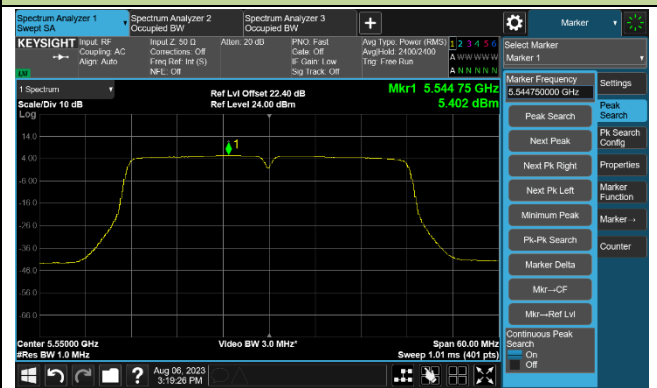
Channel 62 (5310MHz)



Channel 102 (5510MHz)

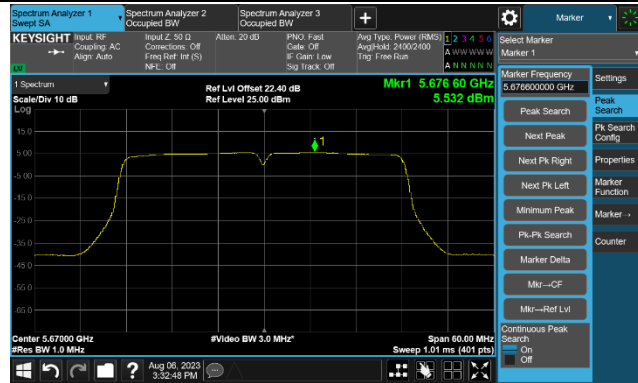


Channel 110 (5550MHz)

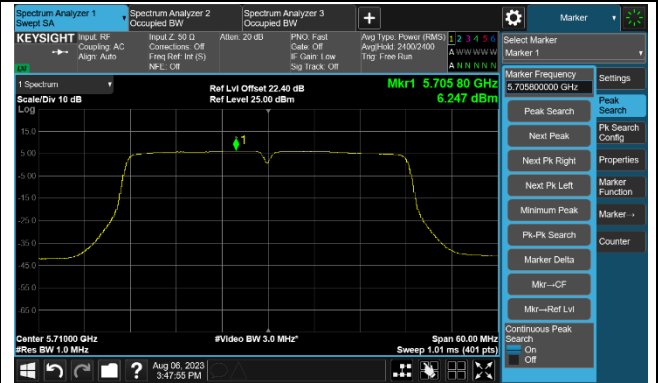


802.11ac-VHT40 Power Spectral Density - Ant 1

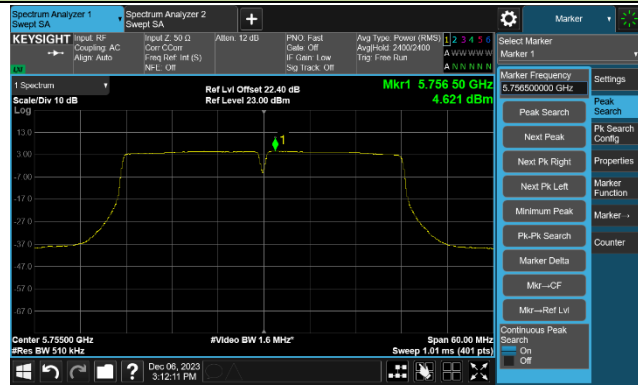
Channel 134 (5670MHz)



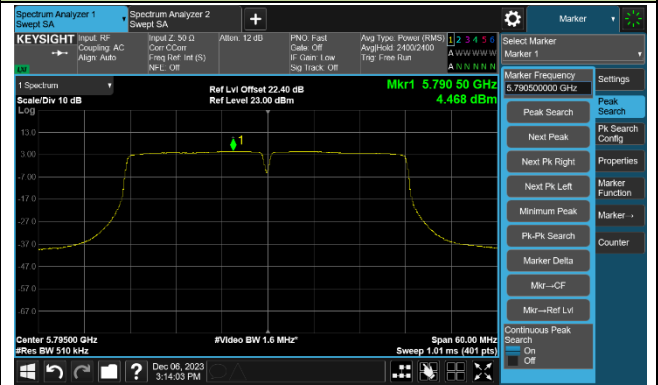
Channel 142 (5710MHz)



Channel 151 (5755MHz)



Channel 159 (5795MHz)



802.11ac-VHT80 Power Spectral Density - Ant 1

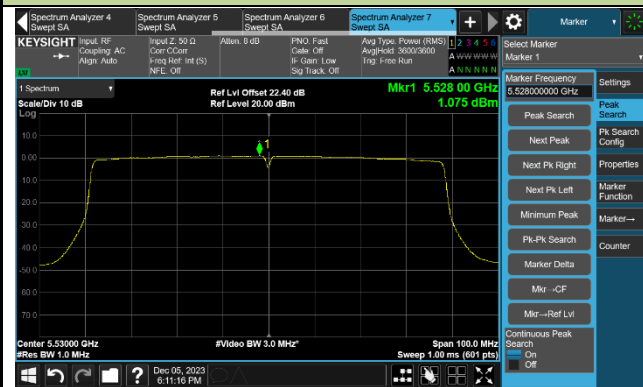
Channel 42 (5210MHz)



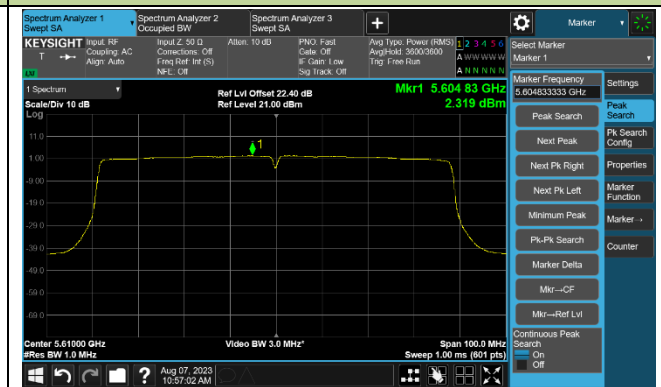
Channel 58 (5290MHz)



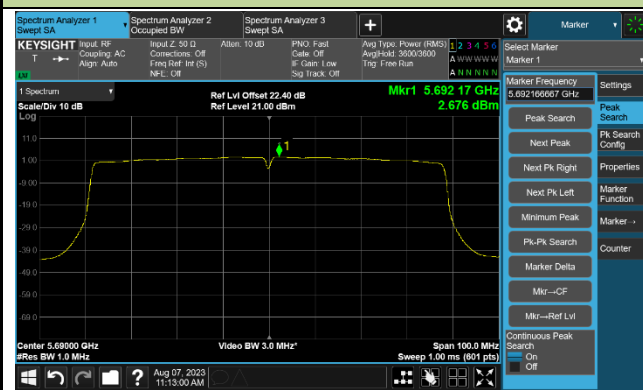
Channel 106 (5530MHz)



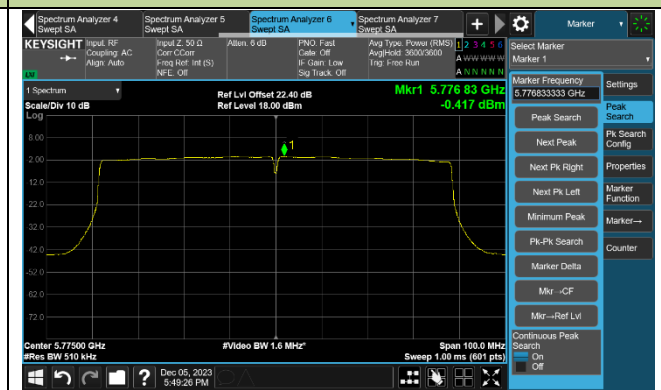
Channel 122 (5610MHz)



Channel 138 (5690MHz)

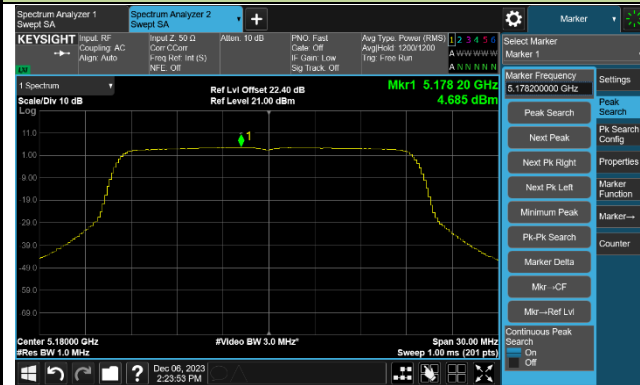


Channel 155 (5775MHz)



802.11ax-HE20 Power Spectral Density - Ant 1

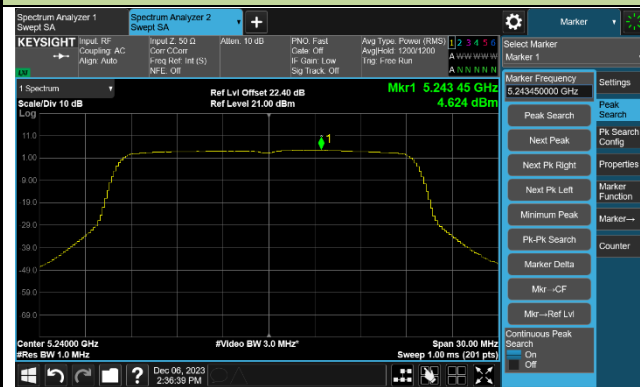
Channel 36 (5180MHz)



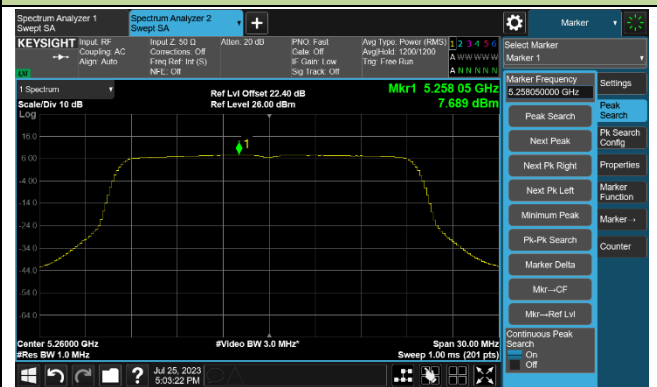
Channel 44 (5220MHz)



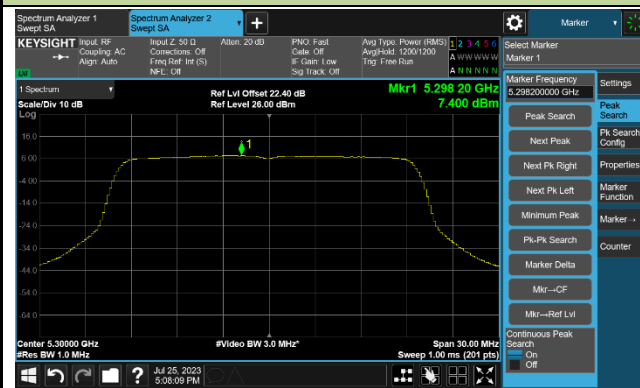
Channel 48 (5240MHz)



Channel 52 (5260MHz)



Channel 60 (5300MHz)

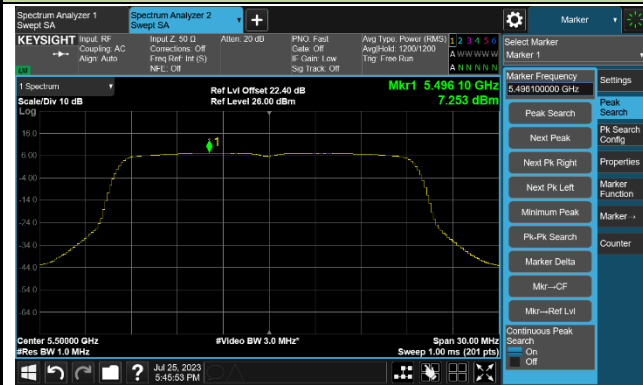


Channel 64 (5320MHz)

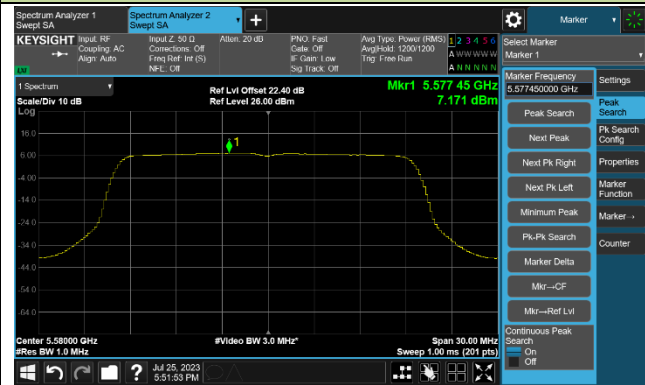


802.11ax-HE20 Power Spectral Density - Ant 1

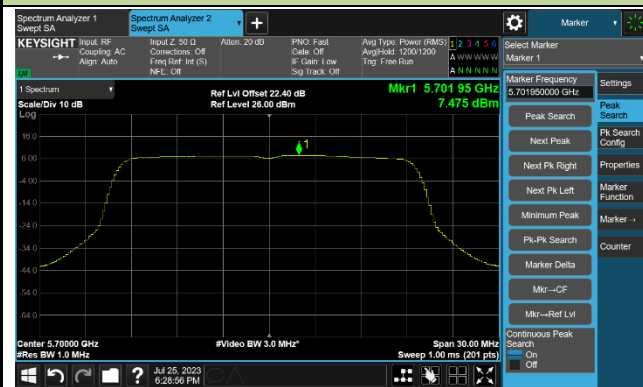
Channel 100 (5500MHz)



Channel 116 (5580MHz)



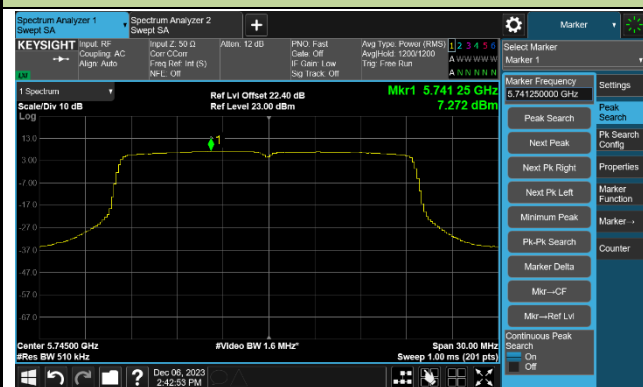
Channel 140 (5700MHz)



Channel 144 (5720MHz)



Channel 149 (5745MHz)



Channel 157 (5785MHz)

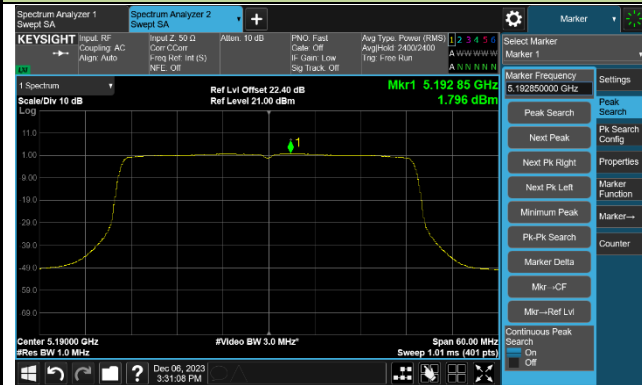


Channel 165 (5825MHz)

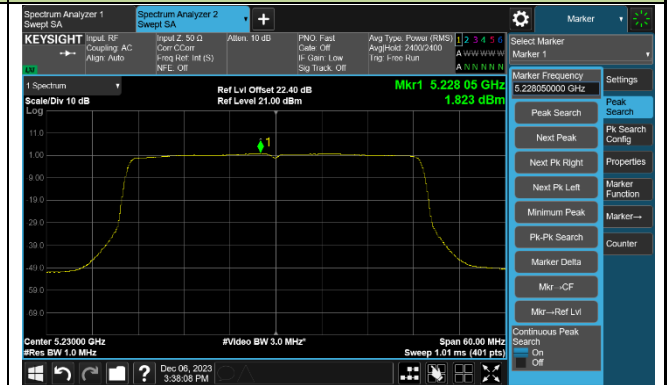


802.11ax-HE40 Power Spectral Density - Ant 1

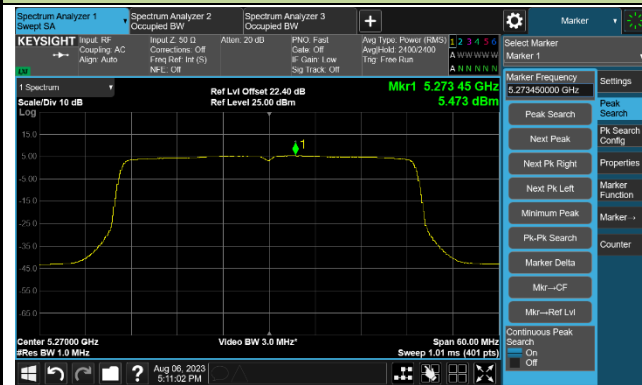
Channel 38 (5190MHz)



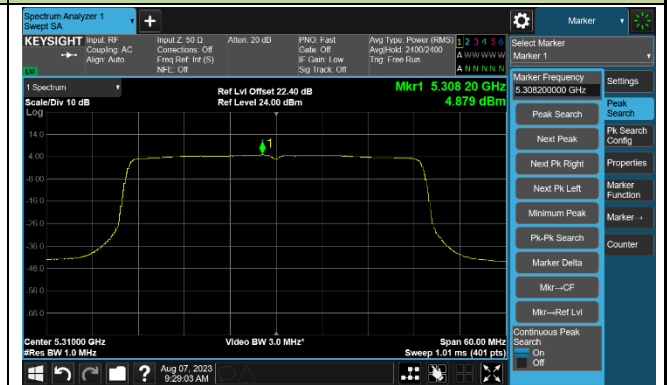
Channel 46 (5230MHz)



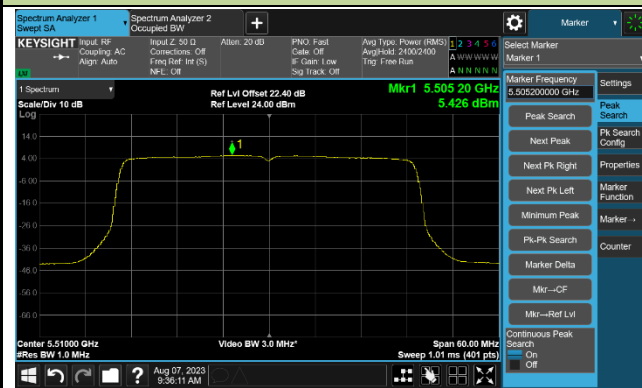
Channel 54 (5270MHz)



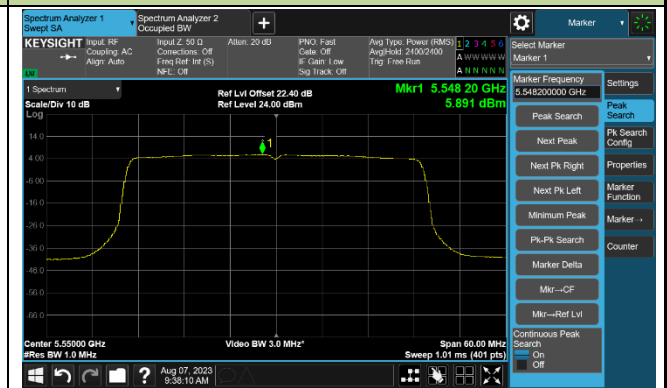
Channel 62 (5310MHz)



Channel 102 (5510MHz)

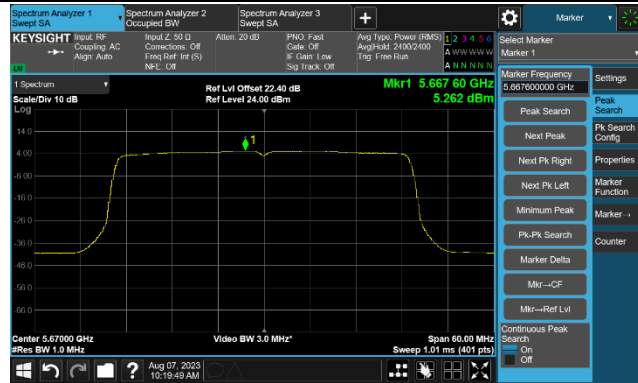


Channel 110 (5550MHz)

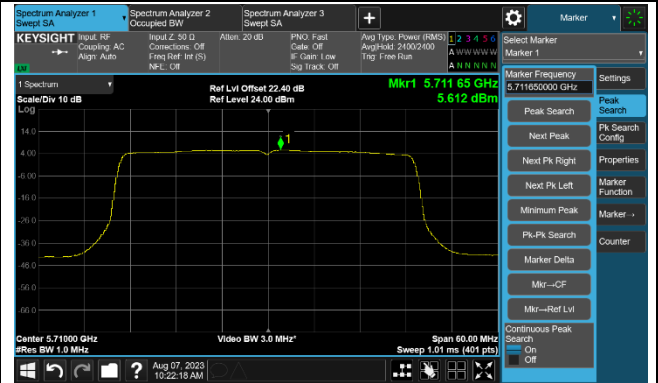


802.11ax-HE40 Power Spectral Density - Ant 1

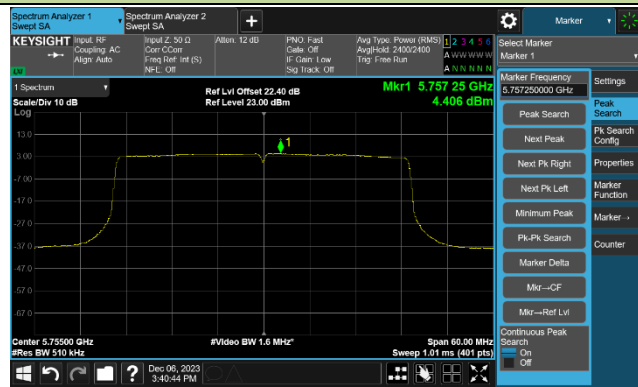
Channel 134 (5670MHz)



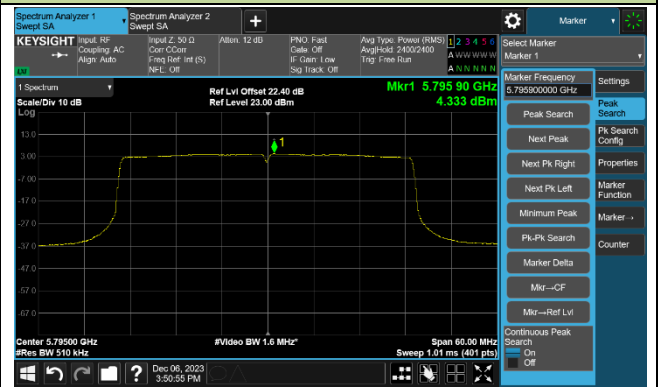
Channel 142 (5710MHz)



Channel 151 (5755MHz)

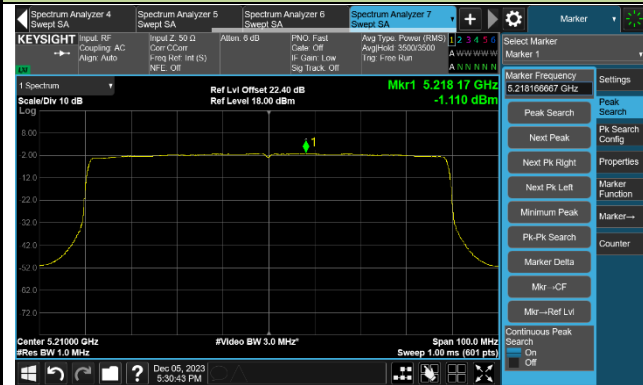


Channel 159 (5795MHz)

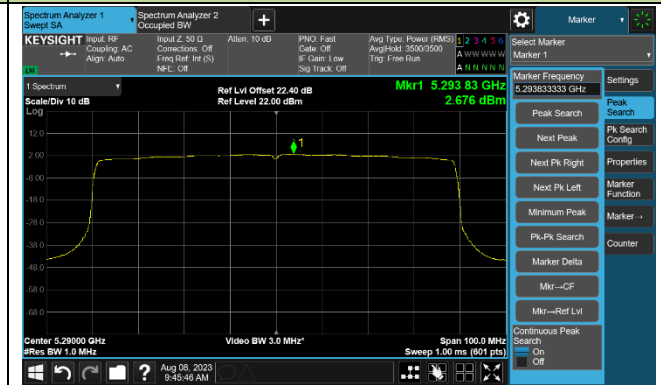


802.11ax-HE80 Power Spectral Density - Ant 1

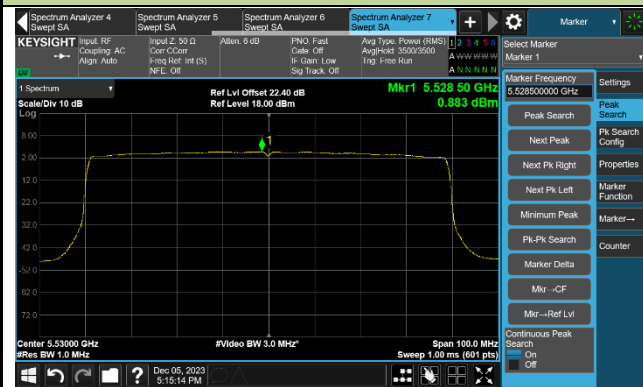
Channel 42 (5210MHz)



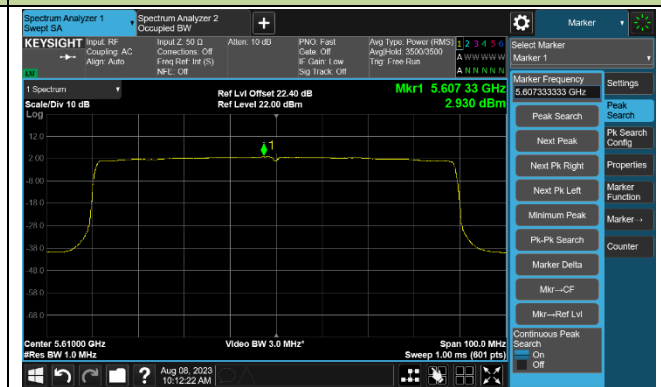
Channel 58 (5290MHz)



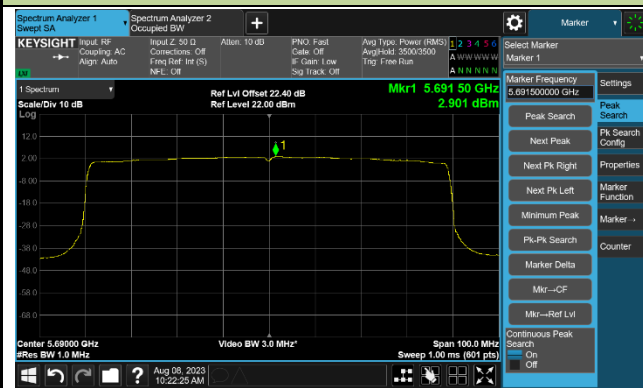
Channel 106 (5530MHz)



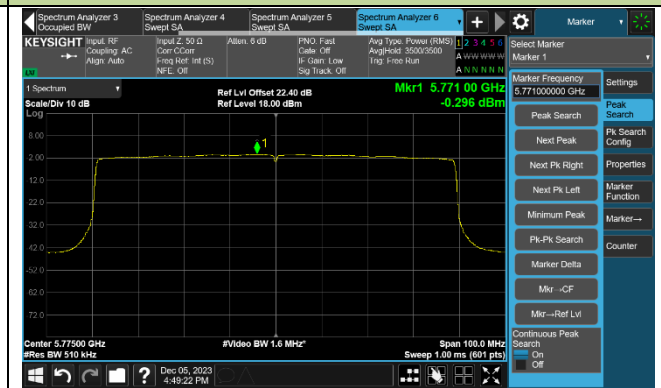
Channel 122 (5610MHz)



Channel 138 (5690MHz)



Channel 155 (5775MHz)





6. Frequency Stability Test Result

Test Site	WZ-TR3	Test Engineer	Lynn Yang
Test Date	2023-08-15	Test Mode	5180MHz (Carrier Mode)

Voltage (%)	Power (VAC)	Temp (°C)	Frequency Tolerance (ppm)			
			0 minutes	2 minutes	5 minutes	10 minutes
100	120	- 30	14.49	14.47	14.45	14.44
		- 20	13.16	13.55	13.63	13.65
		- 10	9.82	10.37	11.03	11.13
		0	6.17	8.24	7.04	7.08
		+ 10	1.93	2.00	2.06	2.06
		+ 20	-3.85	-3.47	-3.40	-3.36
		+ 30	-10.01	-8.88	-8.34	-8.08
		+ 40	-12.75	-12.20	-11.98	-11.78
		+ 50	-13.41	-13.18	-13.14	-13.20
115	138	+ 20	-4.90	-3.47	-3.39	-3.26
85	102	+ 20	-4.60	-3.45	-3.39	-3.26

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



7. Radiated Spurious Emission Measurement Test Result

Antenna Model: ANT-2x2-5005

Test Site	WZ-AC1	Test Engineer	Carl Jiang
Test Date	2023-12-25	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
*	9942.000	34.3	12.9	47.2	68.2	-21.0	Peak	Horizontal
	11234.000	35.6	13.2	48.8	74.0	-25.2	Peak	Horizontal
	12016.000	34.8	12.4	47.2	74.0	-26.8	Peak	Horizontal
*	14158.000	36.8	15.3	52.1	68.2	-16.1	Peak	Horizontal
*	9874.000	35.7	13.1	48.8	68.2	-19.4	Peak	Vertical
	11030.000	34.4	14.0	48.4	74.0	-25.6	Peak	Vertical
	11701.500	36.5	12.6	49.1	74.0	-24.9	Peak	Vertical
*	14294.000	36.2	15.7	51.9	68.2	-16.3	Peak	Vertical

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

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

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



Test Site	WZ-AC1	Test Engineer	Carl Jiang
Test Date	2023-12-25	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
*	10035.500	35.2	13.0	48.2	68.2	-20.0	Peak	Horizontal
	10928.000	34.8	14.1	48.9	74.0	-25.1	Peak	Horizontal
	12296.500	35.7	12.2	47.9	74.0	-26.1	Peak	Horizontal
*	14761.500	37.6	15.9	53.5	68.2	-14.7	Peak	Horizontal
*	10078.000	35.5	13.2	48.7	68.2	-19.5	Peak	Vertical
	11072.500	35.0	14.0	49.0	74.0	-25.0	Peak	Vertical
	11735.500	35.3	12.3	47.6	74.0	-26.4	Peak	Vertical
*	14149.500	37.7	15.2	52.9	68.2	-15.3	Peak	Vertical

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

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/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	2023-12-25	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
*	9959.000	35.0	12.9	47.9	68.2	-20.3	Peak	Horizontal
	11081.000	35.2	14.0	49.2	74.0	-24.8	Peak	Horizontal
	12211.500	35.9	12.5	48.4	74.0	-25.6	Peak	Horizontal
*	14693.500	36.9	16.1	53.0	68.2	-15.2	Peak	Horizontal
*	9874.000	35.3	13.1	48.4	68.2	-19.8	Peak	Vertical
	11089.500	36.1	13.9	50.0	74.0	-24.0	Peak	Vertical
	11548.500	36.4	13.5	49.9	74.0	-24.1	Peak	Vertical
*	14175.000	37.1	15.6	52.7	68.2	-15.5	Peak	Vertical

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

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/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	2023-12-25	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
*	9857.000	35.5	12.9	48.4	68.2	-19.8	Peak	Horizontal
	11106.500	36.5	13.7	50.2	74.0	-23.8	Peak	Horizontal
	12543.000	36.8	11.7	48.5	74.0	-25.5	Peak	Horizontal
*	14370.500	35.6	15.8	51.4	68.2	-16.8	Peak	Horizontal
*	10120.500	34.6	13.1	47.7	68.2	-20.5	Peak	Vertical
	11480.500	36.2	13.6	49.8	74.0	-24.2	Peak	Vertical
	12050.000	35.1	12.5	47.6	74.0	-26.4	Peak	Vertical
*	14379.000	36.1	15.9	52.0	68.2	-16.2	Peak	Vertical

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

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

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



Test Site	WZ-AC1	Test Engineer	Carl Jiang
Test Date	2023-12-25	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
*	10112.000	36.0	13.0	49.0	68.2	-19.2	Peak	Horizontal
	11115.000	37.1	13.5	50.6	74.0	-23.4	Peak	Horizontal
	12177.500	36.2	12.3	48.5	74.0	-25.5	Peak	Horizontal
*	14744.500	37.1	15.9	53.0	68.2	-15.2	Peak	Horizontal
*	9942.000	33.1	12.9	46.0	68.2	-22.2	Peak	Vertical
	11242.500	35.8	13.4	49.2	74.0	-24.8	Peak	Vertical
	11897.000	34.5	12.2	46.7	74.0	-27.3	Peak	Vertical
*	14370.500	35.8	15.8	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	Carl Jiang
Test Date	2023-12-25	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
*	9831.500	35.0	13.1	48.1	68.2	-20.1	Peak	Horizontal
	10851.500	36.0	14.1	50.1	74.0	-23.9	Peak	Horizontal
	12024.500	36.8	12.5	49.3	74.0	-24.7	Peak	Horizontal
*	14166.500	35.9	15.5	51.4	68.2	-16.8	Peak	Horizontal
*	10095.000	32.8	13.2	46.0	68.2	-22.2	Peak	Vertical
	11336.000	36.9	13.4	50.3	74.0	-23.7	Peak	Vertical
	11965.000	35.1	12.3	47.4	74.0	-26.6	Peak	Vertical
*	14200.500	36.3	15.5	51.8	68.2	-16.4	Peak	Vertical

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

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/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	2023-12-25	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
*	10265.000	34.5	13.5	48.0	68.2	-20.2	Peak	Horizontal
	11276.500	36.7	13.2	49.9	74.0	-24.1	Peak	Horizontal
	12058.500	34.6	12.5	47.1	74.0	-26.9	Peak	Horizontal
*	14200.500	36.4	15.5	51.9	68.2	-16.3	Peak	Horizontal
*	9942.000	35.1	12.9	48.0	68.2	-20.2	Peak	Vertical
	11106.500	36.5	13.7	50.2	74.0	-23.8	Peak	Vertical
	12041.500	35.5	12.5	48.0	74.0	-26.0	Peak	Vertical
*	13962.500	36.0	14.5	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	Carl Jiang
Test Date	2023-12-25	Test Mode	802.11a – Channel 116
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10180.000	35.2	13.5	48.7	68.2	-19.5	Peak	Horizontal
	11106.500	35.5	13.7	49.2	74.0	-24.8	Peak	Horizontal
	12007.500	34.3	12.4	46.7	74.0	-27.3	Peak	Horizontal
*	14175.000	36.0	15.6	51.6	68.2	-16.6	Peak	Horizontal
*	10044.000	35.0	12.9	47.9	68.2	-20.3	Peak	Vertical
	11531.500	36.0	13.5	49.5	74.0	-24.5	Peak	Vertical
	12271.000	35.4	12.5	47.9	74.0	-26.1	Peak	Vertical
*	14226.000	35.6	15.8	51.4	68.2	-16.8	Peak	Vertical

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

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/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	2023-12-25	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
*	9899.500	36.7	13.0	49.7	68.2	-18.5	Peak	Horizontal
	11438.000	35.2	13.7	48.9	74.0	-25.1	Peak	Horizontal
	12271.000	34.8	12.5	47.3	74.0	-26.7	Peak	Horizontal
*	14659.500	36.8	15.8	52.6	68.2	-15.6	Peak	Horizontal
*	9916.500	35.7	12.9	48.6	68.2	-19.6	Peak	Vertical
	10894.000	36.5	14.0	50.5	74.0	-23.5	Peak	Vertical
	12058.500	33.8	12.5	46.3	74.0	-27.7	Peak	Vertical
*	14107.000	36.6	15.1	51.7	68.2	-16.5	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	2023-12-25	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
*	10188.500	34.5	13.5	48.0	68.2	-20.2	Peak	Horizontal
	11242.500	36.4	13.4	49.8	74.0	-24.2	Peak	Horizontal
	12296.500	34.9	12.2	47.1	74.0	-26.9	Peak	Horizontal
*	14617.000	37.0	16.2	53.2	68.2	-15.0	Peak	Horizontal
*	10214.000	34.1	13.2	47.3	68.2	-20.9	Peak	Vertical
	11497.500	35.6	13.7	49.3	74.0	-24.7	Peak	Vertical
	12322.000	36.1	12.4	48.5	74.0	-25.5	Peak	Vertical
*	14226.000	35.7	15.8	51.5	68.2	-16.7	Peak	Vertical

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

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/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	2023-12-25	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
*	10120.500	34.0	13.1	47.1	68.2	-21.1	Peak	Horizontal
	11336.000	37.0	13.4	50.4	74.0	-23.6	Peak	Horizontal
	12109.500	35.6	12.4	48.0	74.0	-26.0	Peak	Horizontal
*	13937.000	36.6	14.6	51.2	68.2	-17.0	Peak	Horizontal
*	9925.000	35.4	13.0	48.4	68.2	-19.8	Peak	Vertical
	10996.000	35.6	14.4	50.0	74.0	-24.0	Peak	Vertical
	12067.000	35.3	12.4	47.7	74.0	-26.3	Peak	Vertical
*	14251.500	35.6	15.7	51.3	68.2	-16.9	Peak	Vertical

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

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/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	2023-12-25	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
*	10197.000	35.3	13.4	48.7	68.2	-19.5	Peak	Horizontal
	11132.000	37.1	13.5	50.6	74.0	-23.4	Peak	Horizontal
	11939.500	36.7	12.3	49.0	74.0	-25.0	Peak	Horizontal
*	14379.000	36.4	15.9	52.3	68.2	-15.9	Peak	Horizontal
*	9857.000	34.5	12.9	47.4	68.2	-20.8	Peak	Vertical
	10834.500	35.6	14.0	49.6	74.0	-24.4	Peak	Vertical
	11531.500	35.0	13.5	48.5	74.0	-25.5	Peak	Vertical
*	14379.000	36.5	15.9	52.4	68.2	-15.8	Peak	Vertical

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

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

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



Test Site	WZ-AC1	Test Engineer	Carl Jiang
Test Date	2023-12-25	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
*	10197.000	35.0	13.4	48.4	68.2	-19.8	Peak	Horizontal
	11446.500	35.8	13.6	49.4	74.0	-24.6	Peak	Horizontal
	12177.500	33.9	12.3	46.2	74.0	-27.8	Peak	Horizontal
*	14217.500	36.0	15.6	51.6	68.2	-16.6	Peak	Horizontal
*	10188.500	36.2	13.5	49.7	68.2	-18.5	Peak	Vertical
	11225.500	35.5	13.1	48.6	74.0	-25.4	Peak	Vertical
	11905.500	35.0	12.3	47.3	74.0	-26.7	Peak	Vertical
*	13707.500	36.8	14.0	50.8	68.2	-17.4	Peak	Vertical

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

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

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



Test Site	WZ-AC1	Test Engineer	Carl Jiang
Test Date	2023-12-25	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
*	10426.500	35.5	13.6	49.1	68.2	-19.1	Peak	Horizontal
	11081.000	35.2	14.0	49.2	74.0	-24.8	Peak	Horizontal
	12169.000	35.1	12.5	47.6	74.0	-26.4	Peak	Horizontal
*	13937.000	35.8	14.6	50.4	68.2	-17.8	Peak	Horizontal
*	9916.500	35.3	12.9	48.2	68.2	-20.0	Peak	Vertical
	11582.500	36.9	13.2	50.1	74.0	-23.9	Peak	Vertical
	12135.000	35.1	12.6	47.7	74.0	-26.3	Peak	Vertical
*	14226.000	35.7	15.8	51.5	68.2	-16.7	Peak	Vertical

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

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/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	2023-12-25	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
*	10486.000	34.6	14.2	48.8	68.2	-19.4	Peak	Horizontal
	11404.000	35.5	13.5	49.0	74.0	-25.0	Peak	Horizontal
	12169.000	33.9	12.5	46.4	74.0	-27.6	Peak	Horizontal
*	14013.500	36.2	14.8	51.0	68.2	-17.2	Peak	Horizontal
*	10477.500	34.5	14.0	48.5	68.2	-19.7	Peak	Vertical
	11438.000	35.8	13.7	49.5	74.0	-24.5	Peak	Vertical
	12135.000	35.1	12.6	47.7	74.0	-26.3	Peak	Vertical
*	14268.500	35.7	15.7	51.4	68.2	-16.8	Peak	Vertical

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

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/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	2023-12-25	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
*	10443.500	34.9	13.7	48.6	68.2	-19.6	Peak	Horizontal
	11506.000	35.7	13.6	49.3	74.0	-24.7	Peak	Horizontal
	12177.500	34.7	12.3	47.0	74.0	-27.0	Peak	Horizontal
*	14081.500	35.3	15.3	50.6	68.2	-17.6	Peak	Horizontal
*	10171.500	34.1	13.3	47.4	68.2	-20.8	Peak	Vertical
	10953.500	36.1	14.1	50.2	74.0	-23.8	Peak	Vertical
	11982.000	35.6	12.3	47.9	74.0	-26.1	Peak	Vertical
*	14081.500	36.2	15.3	51.5	68.2	-16.7	Peak	Vertical

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

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/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	2023-12-25	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
*	9967.500	35.8	13.0	48.8	68.2	-19.4	Peak	Horizontal
	11463.500	35.5	13.5	49.0	74.0	-25.0	Peak	Horizontal
	12118.000	35.0	12.5	47.5	74.0	-26.5	Peak	Horizontal
*	14370.500	35.4	15.8	51.2	68.2	-17.0	Peak	Horizontal
*	9891.000	35.2	13.1	48.3	68.2	-19.9	Peak	Vertical
	11038.500	35.3	14.1	49.4	74.0	-24.6	Peak	Vertical
	11786.500	35.8	12.3	48.1	74.0	-25.9	Peak	Vertical
*	14600.000	35.5	16.2	51.7	68.2	-16.5	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	2023-12-25	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
*	9899.500	35.2	13.0	48.2	68.2	-20.0	Peak	Horizontal
	10928.000	35.3	14.1	49.4	74.0	-24.6	Peak	Horizontal
	11982.000	34.7	12.3	47.0	74.0	-27.0	Peak	Horizontal
*	14753.000	35.1	16.0	51.1	68.2	-17.1	Peak	Horizontal
*	9933.500	35.0	13.1	48.1	68.2	-20.1	Peak	Vertical
	10996.000	34.5	14.4	48.9	74.0	-25.1	Peak	Vertical
	12007.500	35.2	12.4	47.6	74.0	-26.4	Peak	Vertical
*	14226.000	35.6	15.8	51.4	68.2	-16.8	Peak	Vertical

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

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/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	2023-12-25	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
*	9916.500	35.6	12.9	48.5	68.2	-19.7	Peak	Horizontal
	11429.500	36.0	13.6	49.6	74.0	-24.4	Peak	Horizontal
	12092.500	35.4	12.4	47.8	74.0	-26.2	Peak	Horizontal
*	14387.500	35.5	15.8	51.3	68.2	-16.9	Peak	Horizontal
*	10486.000	35.0	14.2	49.2	68.2	-19.0	Peak	Vertical
	11047.000	35.1	14.2	49.3	74.0	-24.7	Peak	Vertical
	11948.000	35.1	12.3	47.4	74.0	-26.6	Peak	Vertical
*	13911.500	34.5	14.5	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-AC1	Test Engineer	Carl Jiang
Test Date	2023-12-25	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
*	10120.500	35.4	13.1	48.5	68.2	-19.7	Peak	Horizontal
	10919.500	35.4	14.0	49.4	74.0	-24.6	Peak	Horizontal
	11888.500	36.0	12.2	48.2	74.0	-25.8	Peak	Horizontal
*	14285.500	35.8	15.7	51.5	68.2	-16.7	Peak	Horizontal
*	10282.000	35.1	13.5	48.6	68.2	-19.6	Peak	Vertical
	11497.500	35.4	13.7	49.1	74.0	-24.9	Peak	Vertical
	12084.000	35.8	12.5	48.3	74.0	-25.7	Peak	Vertical
*	14098.500	35.7	15.2	50.9	68.2	-17.3	Peak	Vertical

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

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

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



Test Site	WZ-AC1	Test Engineer	Carl Jiang
Test Date	2023-12-25	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
*	9984.500	35.2	13.1	48.3	68.2	-19.9	Peak	Horizontal
	11064.000	35.5	13.9	49.4	74.0	-24.6	Peak	Horizontal
	11752.500	35.9	12.4	48.3	74.0	-25.7	Peak	Horizontal
*	14226.000	34.8	15.8	50.6	68.2	-17.6	Peak	Horizontal
*	10010.000	35.1	12.8	47.9	68.2	-20.3	Peak	Vertical
	11047.000	34.4	14.2	48.6	74.0	-25.4	Peak	Vertical
	12313.500	35.2	12.3	47.5	74.0	-26.5	Peak	Vertical
*	14226.000	35.8	15.8	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	Carl Jiang
Test Date	2023-12-25	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
*	9797.500	36.4	13.2	49.6	68.2	-18.6	Peak	Horizontal
	11438.000	36.2	13.7	49.9	74.0	-24.1	Peak	Horizontal
	12024.500	35.6	12.5	48.1	74.0	-25.9	Peak	Horizontal
*	14234.500	35.7	15.8	51.5	68.2	-16.7	Peak	Horizontal
*	9831.500	35.4	13.1	48.5	68.2	-19.7	Peak	Vertical
	11021.500	33.8	14.1	47.9	74.0	-26.1	Peak	Vertical
	11455.000	36.3	13.5	49.8	74.0	-24.2	Peak	Vertical
*	14702.000	36.8	16.0	52.8	68.2	-15.4	Peak	Vertical

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

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/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	2023-12-25	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
*	10392.500	35.0	13.7	48.7	68.2	-19.5	Peak	Horizontal
	11030.000	35.0	14.0	49.0	74.0	-25.0	Peak	Horizontal
	11948.000	35.7	12.3	48.0	74.0	-26.0	Peak	Horizontal
*	14234.500	33.6	15.8	49.4	68.2	-18.8	Peak	Horizontal
*	9933.500	34.9	13.1	48.0	68.2	-20.2	Peak	Vertical
	11472.000	35.6	13.4	49.0	74.0	-25.0	Peak	Vertical
	12109.500	34.3	12.4	46.7	74.0	-27.3	Peak	Vertical
*	14175.000	36.6	15.6	52.2	68.2	-16.0	Peak	Vertical

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

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

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



Test Site	WZ-AC1	Test Engineer	Carl Jiang
Test Date	2023-12-25	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
*	9933.500	34.9	13.1	48.0	68.2	-20.2	Peak	Horizontal
	11633.500	35.2	12.8	48.0	74.0	-26.0	Peak	Horizontal
	12058.500	35.2	12.5	47.7	74.0	-26.3	Peak	Horizontal
*	14217.500	36.4	15.6	52.0	68.2	-16.2	Peak	Horizontal
*	10137.500	34.9	13.1	48.0	68.2	-20.2	Peak	Vertical
	11072.500	34.4	14.0	48.4	74.0	-25.6	Peak	Vertical
	12067.000	34.9	12.4	47.3	74.0	-26.7	Peak	Vertical
*	14523.500	36.4	16.0	52.4	68.2	-15.8	Peak	Vertical

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

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

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



Test Site	WZ-AC1	Test Engineer	Carl Jiang
Test Date	2023-12-25	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
*	10129.000	35.5	13.2	48.7	68.2	-19.5	Peak	Horizontal
	11344.500	35.3	13.3	48.6	74.0	-25.4	Peak	Horizontal
	12220.000	34.6	12.6	47.2	74.0	-26.8	Peak	Horizontal
*	14166.500	34.4	15.5	49.9	68.2	-18.3	Peak	Horizontal
*	9993.000	33.9	13.0	46.9	68.2	-21.3	Peak	Vertical
	10877.000	35.3	13.9	49.2	74.0	-24.8	Peak	Vertical
	11769.500	36.1	12.5	48.6	74.0	-25.4	Peak	Vertical
*	14226.000	34.9	15.8	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	Carl Jiang
Test Date	2023-12-25	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
*	10137.500	35.1	13.1	48.2	68.2	-20.0	Peak	Horizontal
	11463.500	35.8	13.5	49.3	74.0	-24.7	Peak	Horizontal
	12398.500	35.4	11.9	47.3	74.0	-26.7	Peak	Horizontal
*	13996.500	35.0	14.8	49.8	68.2	-18.4	Peak	Horizontal
*	10486.000	34.5	14.2	48.7	68.2	-19.5	Peak	Vertical
	11429.500	35.5	13.6	49.1	74.0	-24.9	Peak	Vertical
	12067.000	36.1	12.4	48.5	74.0	-25.5	Peak	Vertical
*	14277.000	35.2	15.7	50.9	68.2	-17.3	Peak	Vertical

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

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

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



Test Site	WZ-AC1	Test Engineer	Carl Jiang
Test Date	2023-12-25	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
*	9933.500	35.7	13.1	48.8	68.2	-19.4	Peak	Horizontal
	10928.000	35.8	14.1	49.9	74.0	-24.1	Peak	Horizontal
	11667.500	35.7	12.8	48.5	74.0	-25.5	Peak	Horizontal
*	14090.000	35.6	15.3	50.9	68.2	-17.3	Peak	Horizontal
*	10469.000	35.2	13.9	49.1	68.2	-19.1	Peak	Vertical
	11038.500	36.2	14.1	50.3	74.0	-23.7	Peak	Vertical
	11786.500	34.8	12.3	47.1	74.0	-26.9	Peak	Vertical
*	14141.000	36.3	15.2	51.5	68.2	-16.7	Peak	Vertical

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

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/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	2023-12-25	Test Mode	802.11ac-VHT40 – Channel 46
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10392.500	33.8	13.7	47.5	68.2	-20.7	Peak	Horizontal
	11336.000	35.4	13.4	48.8	74.0	-25.2	Peak	Horizontal
	12143.500	35.1	12.5	47.6	74.0	-26.4	Peak	Horizontal
*	14098.500	35.1	15.2	50.3	68.2	-17.9	Peak	Horizontal
*	10078.000	34.2	13.2	47.4	68.2	-20.8	Peak	Vertical
	11149.000	35.5	13.8	49.3	74.0	-24.7	Peak	Vertical
	12024.500	35.6	12.5	48.1	74.0	-25.9	Peak	Vertical
*	13988.000	36.4	14.9	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)