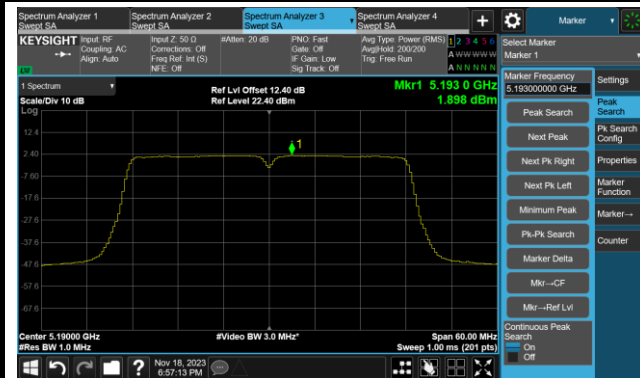
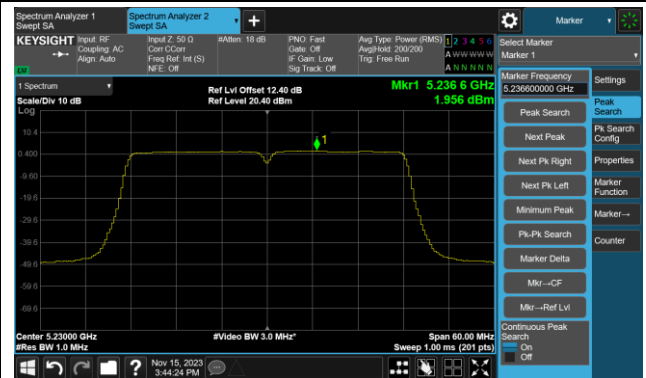


802.11ac-VHT40 Power Spectral Density - Ant 6

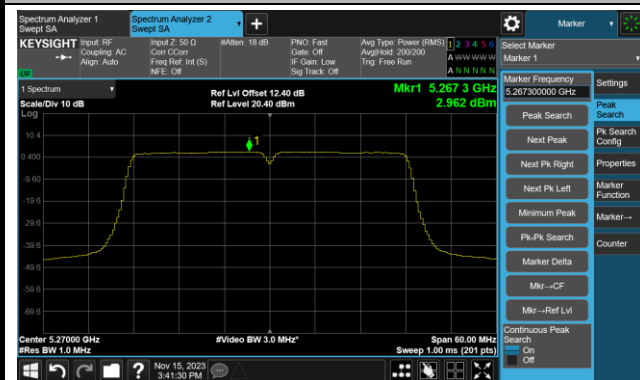
Channel 38 (5190 MHz)



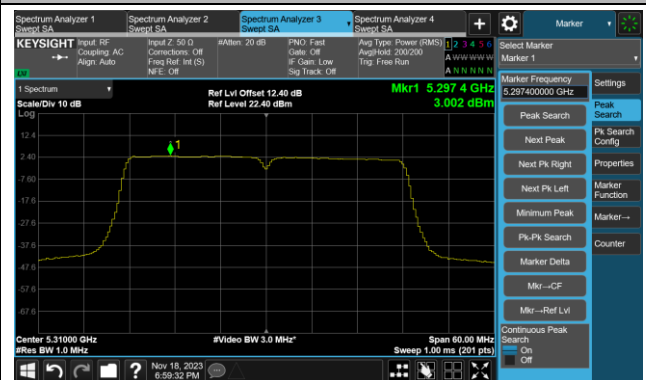
Channel 46 (5230 MHz)



Channel 54 (5270 MHz)

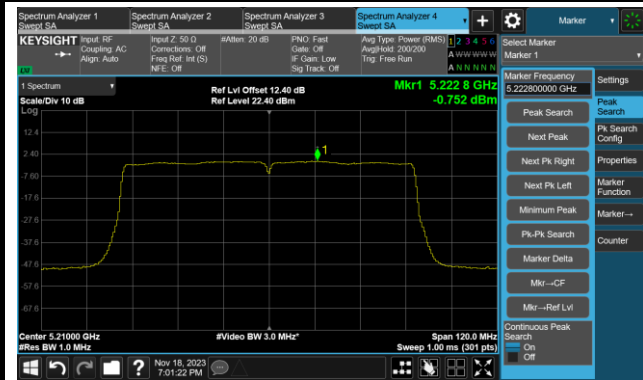


Channel 62 (5310 MHz)

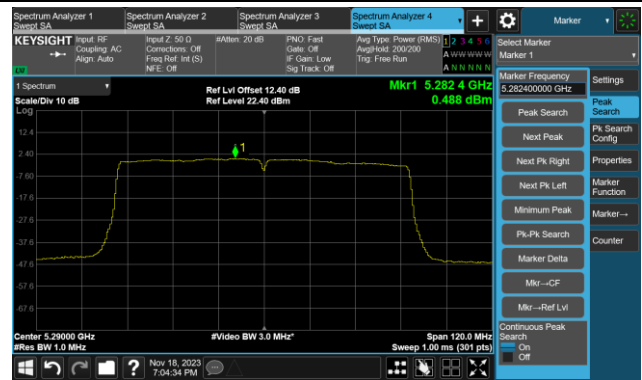


802.11ac-VHT80 Power Spectral Density - Ant 6

Channel 42 (5210 MHz)

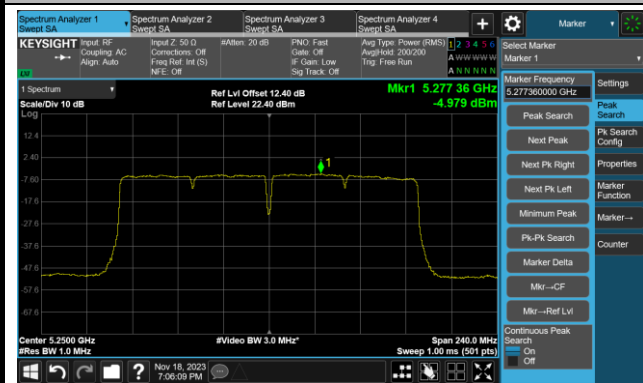


Channel 58 (5290 MHz)



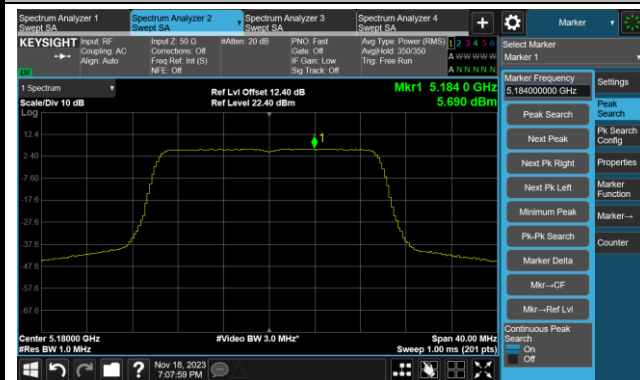
802.11ac-VHT160 Power Spectral Density - Ant 6

Channel 50 (5250 MHz)

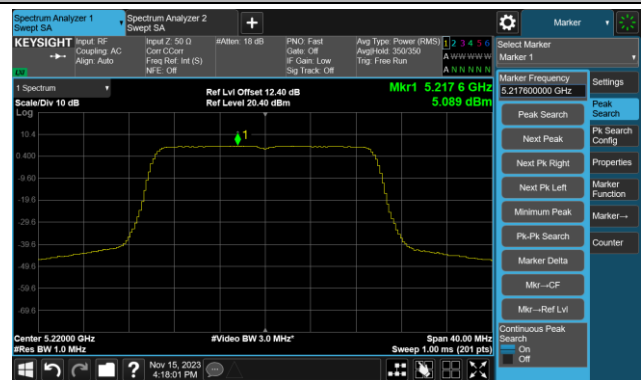


802.11ax-HE20 Power Spectral Density - Ant 6

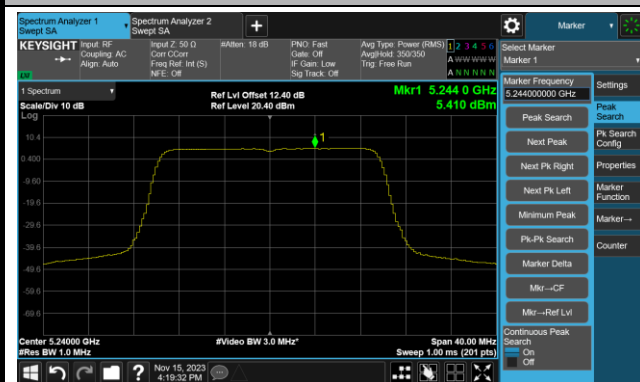
Channel 36 (5180 MHz)



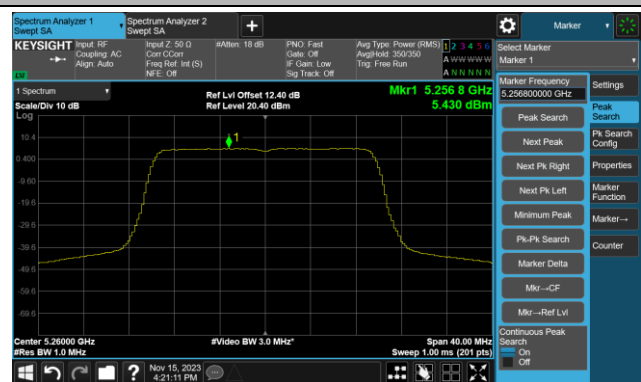
Channel 44 (5220 MHz)



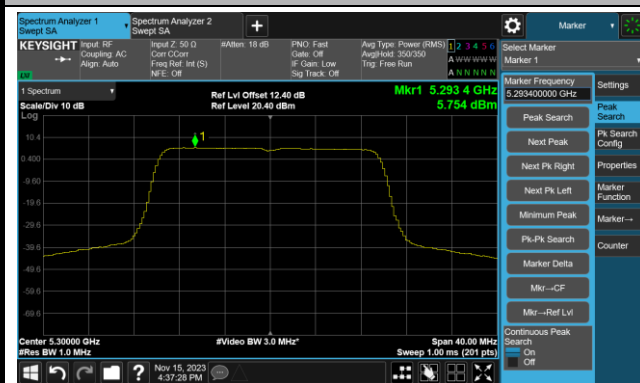
Channel 48 (5240 MHz)



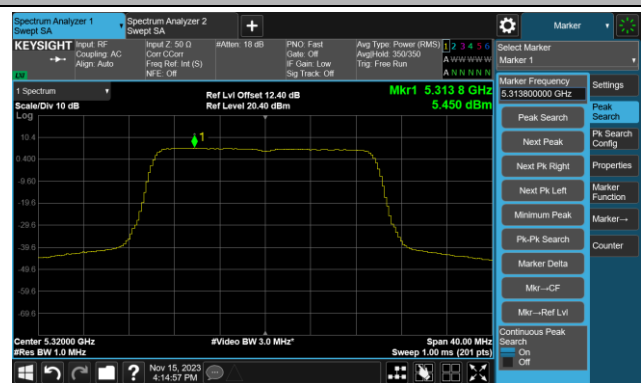
Channel 52 (5260 MHz)



Channel 60 (5300 MHz)

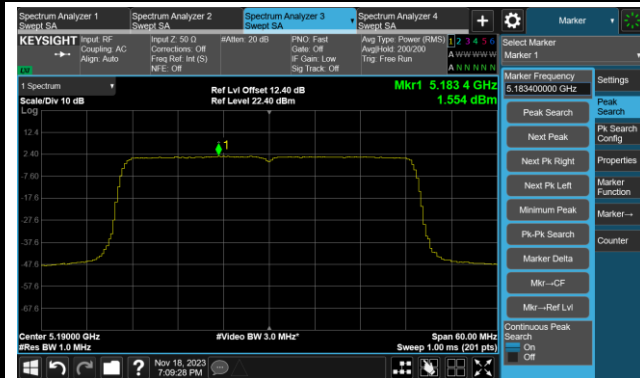


Channel 64 (5320 MHz)

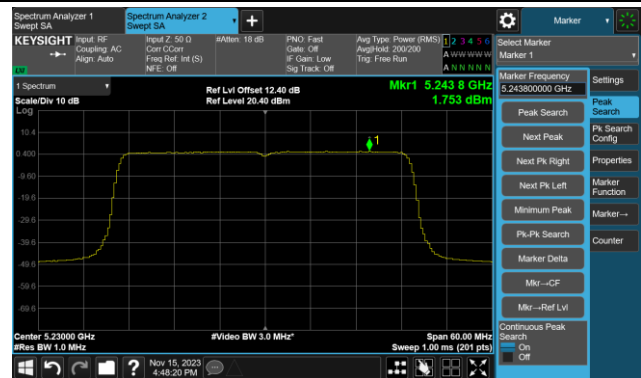


802.11ax-HE40 Power Spectral Density - Ant 6

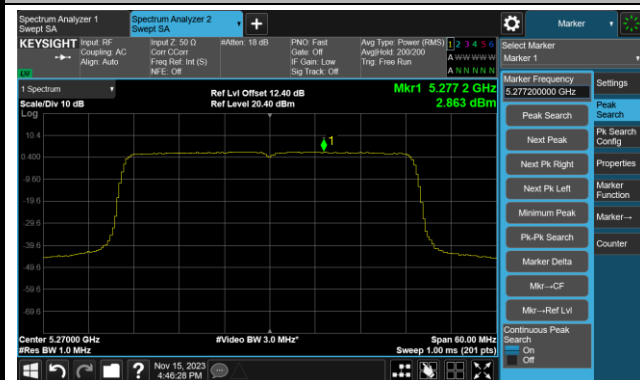
Channel 38 (5190 MHz)



Channel 46 (5230 MHz)



Channel 54 (5270 MHz)

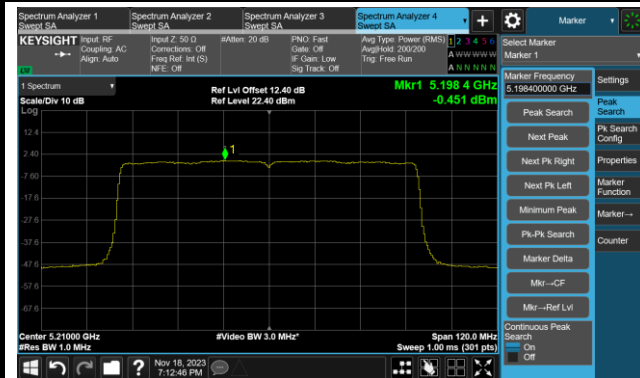


Channel 62 (5310 MHz)

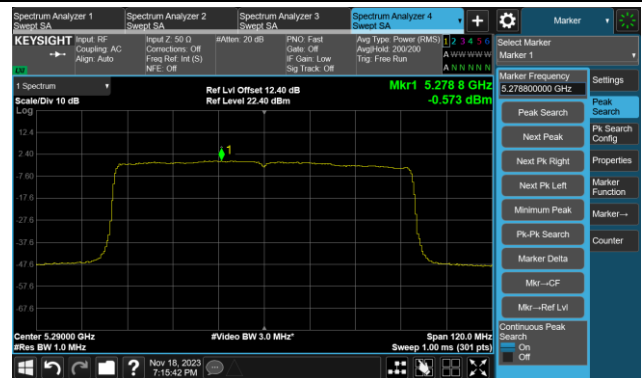


802.11ax-HE80 Power Spectral Density - Ant 6

Channel 42 (5210 MHz)



Channel 58 (5290 MHz)



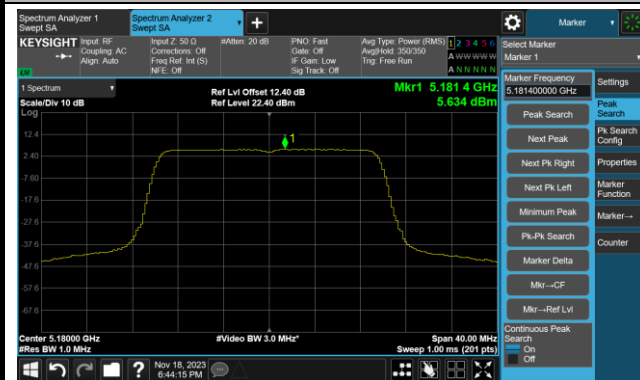
802.11ax-HE160 Power Spectral Density - Ant 6

Channel 50 (5250 MHz)

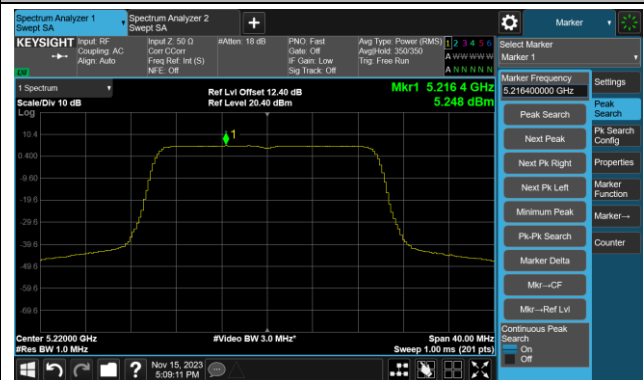


802.11be-EHT20 Power Spectral Density - Ant 6

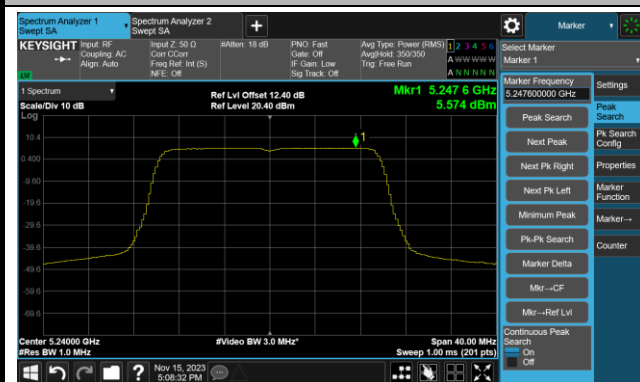
Channel 36 (5180 MHz)



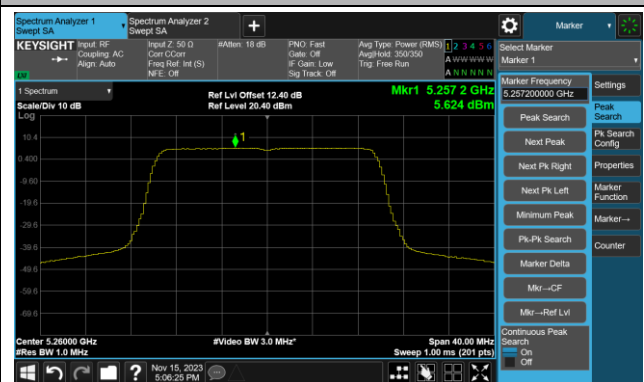
Channel 44 (5220 MHz)



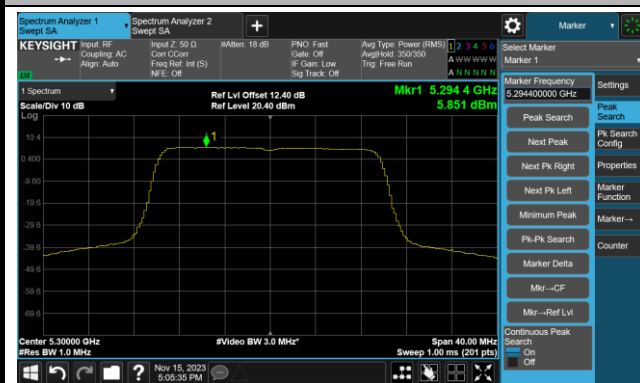
Channel 48 (5240 MHz)



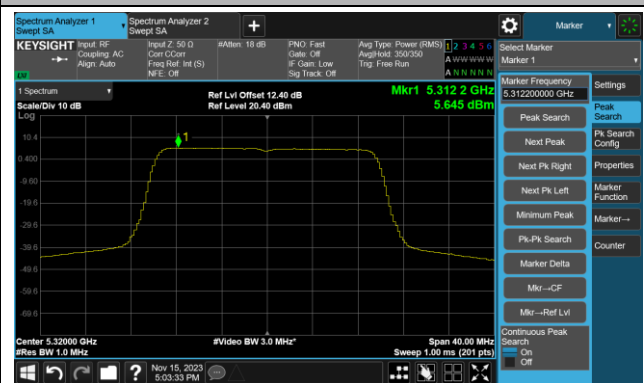
Channel 52 (5260 MHz)



Channel 60 (5300 MHz)

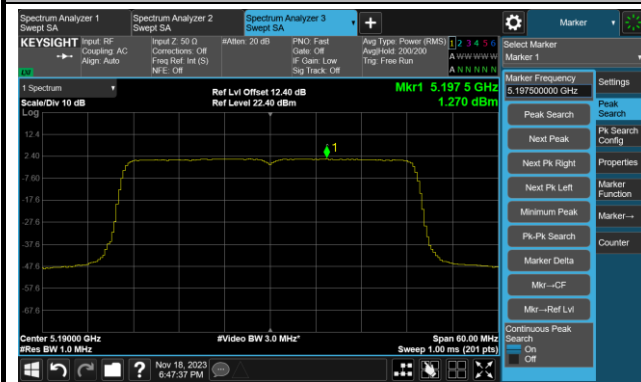


Channel 64 (5320 MHz)

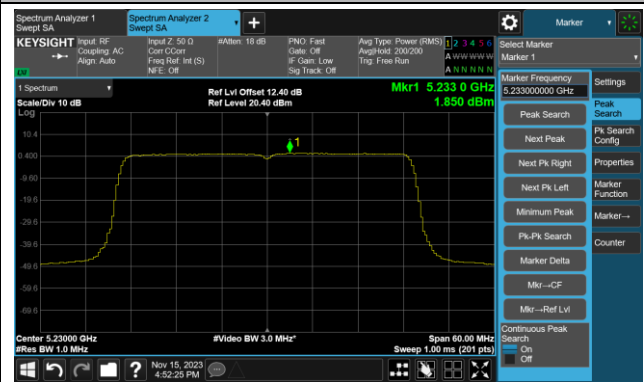


802.11be-EHT40 Power Spectral Density - Ant 6

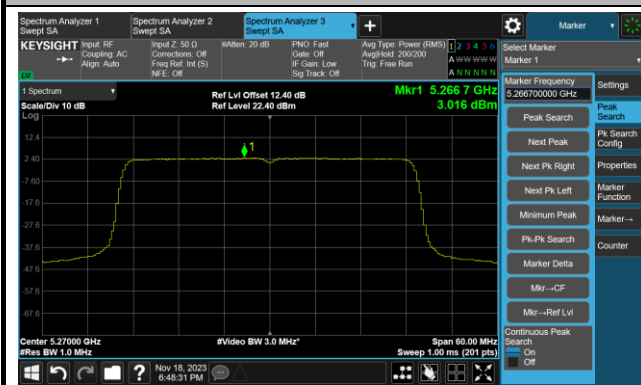
Channel 38 (5190 MHz)



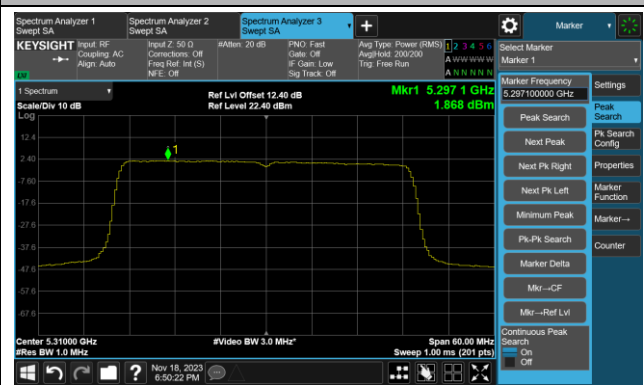
Channel 46 (5230 MHz)



Channel 54 (5270 MHz)

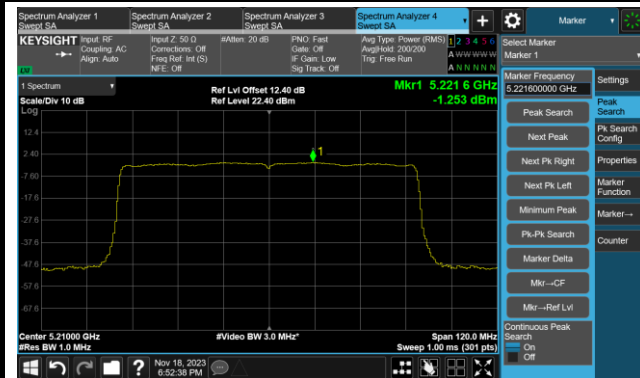


Channel 62 (5310 MHz)

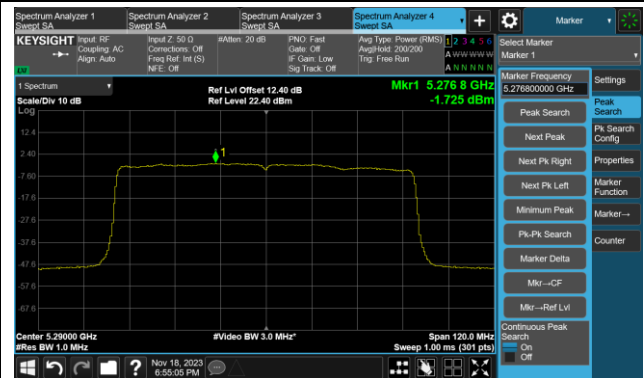


802.11be-EHT80 Power Spectral Density - Ant 6

Channel 42 (5210 MHz)

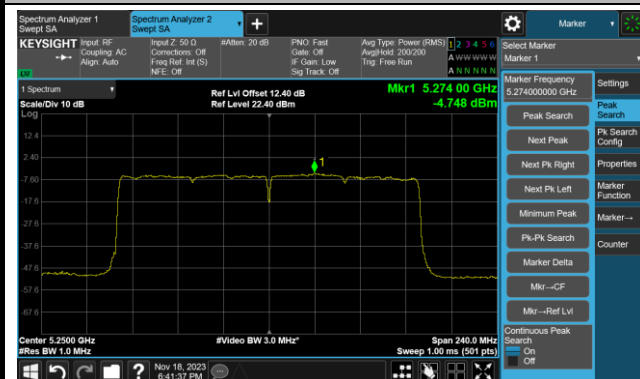


Channel 58 (5290 MHz)



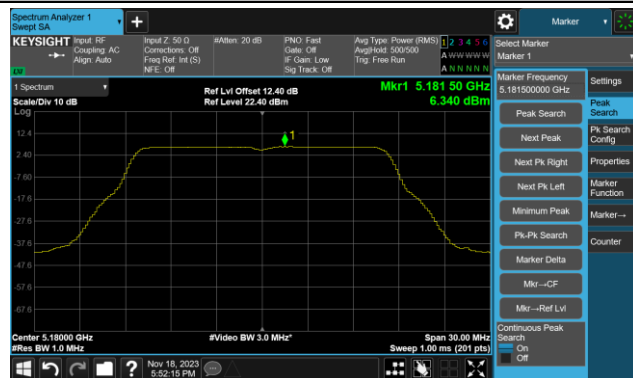
802.11be-EHT160 Power Spectral Density - Ant 6

Channel 50 (5250 MHz)

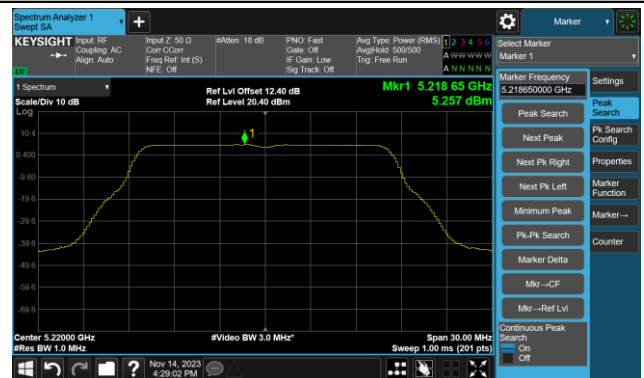


802.11a Power Spectral Density - Ant 3

Channel 36 (5180 MHz)



Channel 44 (5220 MHz)



Channel 48 (5240 MHz)



Channel 52 (5260 MHz)



Channel 60 (5300 MHz)

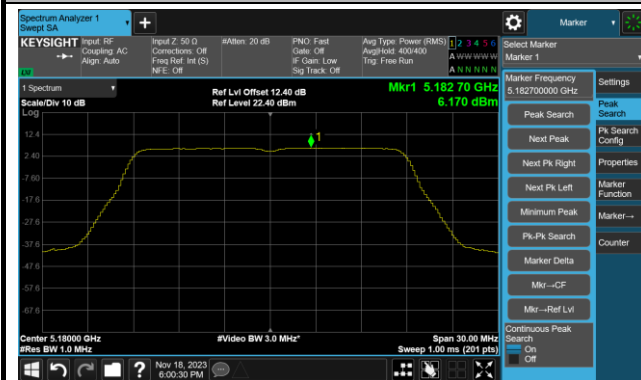


Channel 64 (5320 MHz)

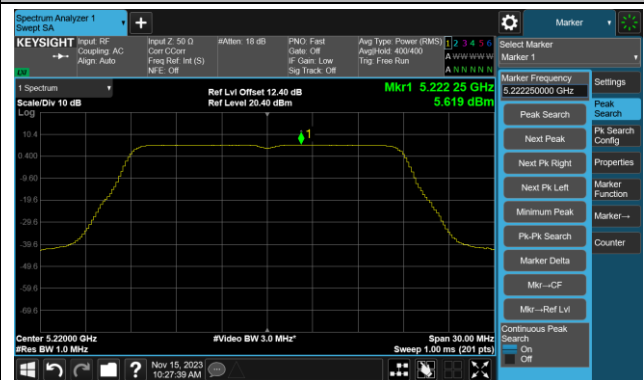


802.11ac-VHT20 Power Spectral Density - Ant 3

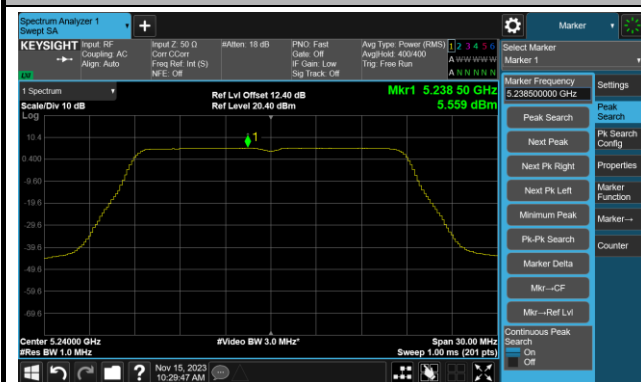
Channel 36 (5180 MHz)



Channel 44 (5220 MHz)



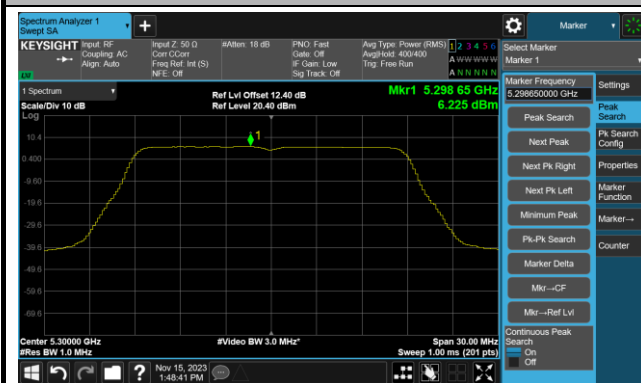
Channel 48 (5240 MHz)



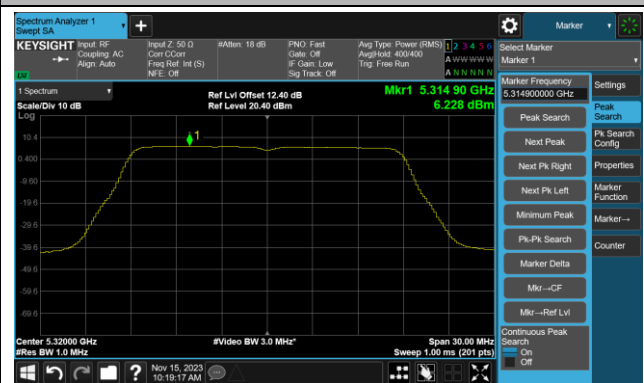
Channel 52 (5260 MHz)



Channel 60 (5300 MHz)

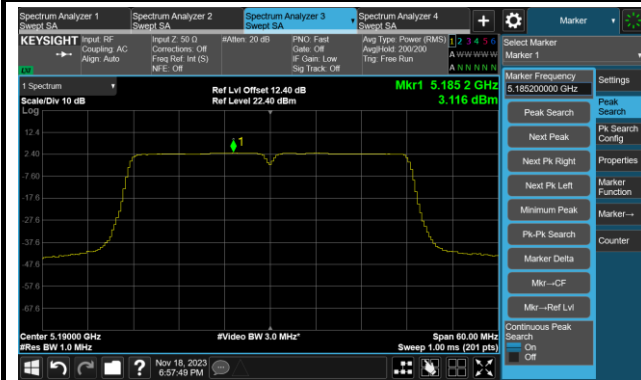


Channel 64 (5320 MHz)

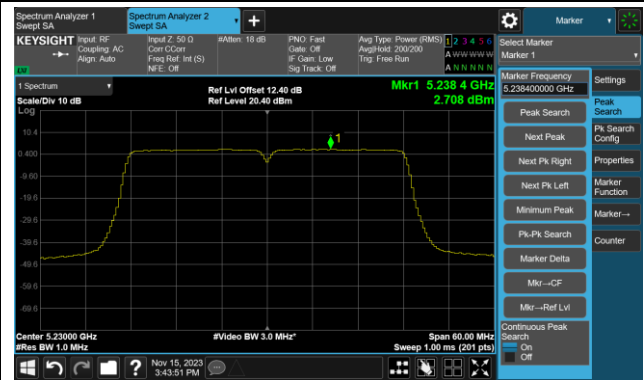


802.11ac-VHT40 Power Spectral Density - Ant 3

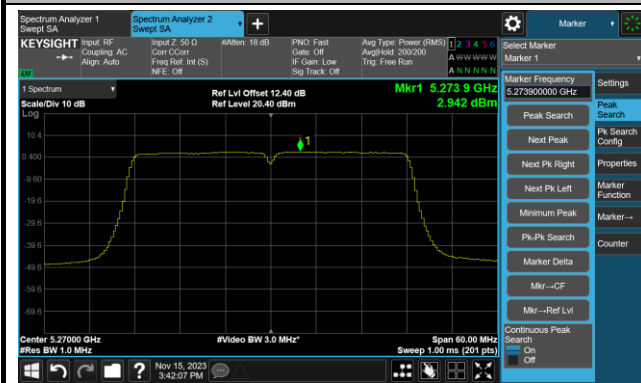
Channel 38 (5190 MHz)



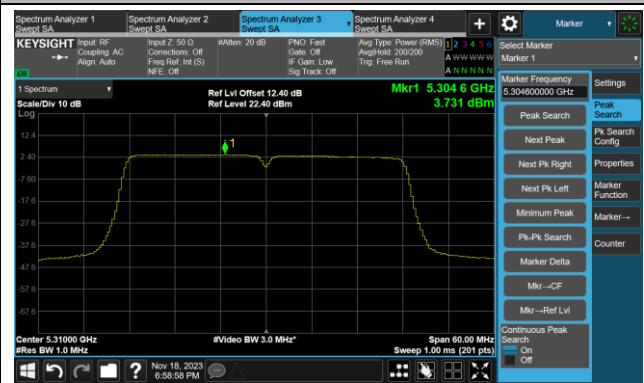
Channel 46 (5230 MHz)



Channel 54 (5270 MHz)

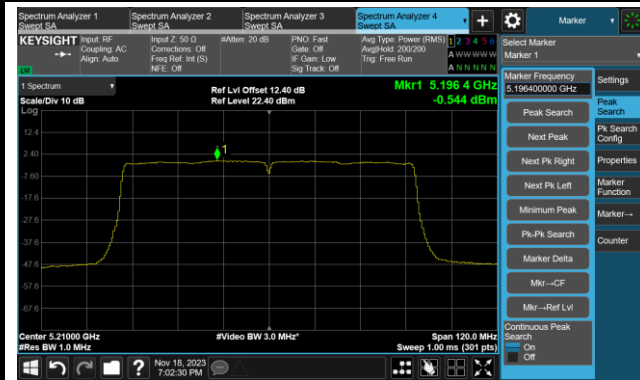


Channel 62 (5310 MHz)

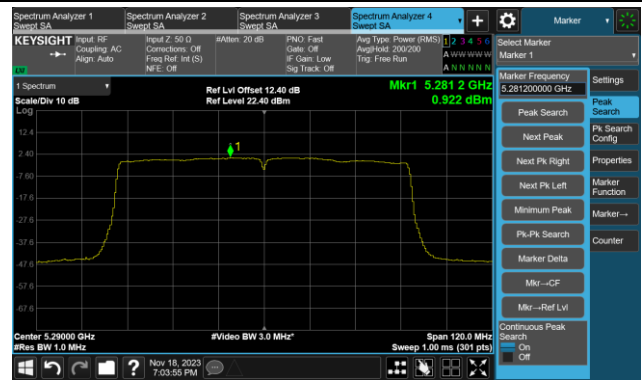


802.11ac-VHT80 Power Spectral Density - Ant 3

Channel 42 (5210 MHz)

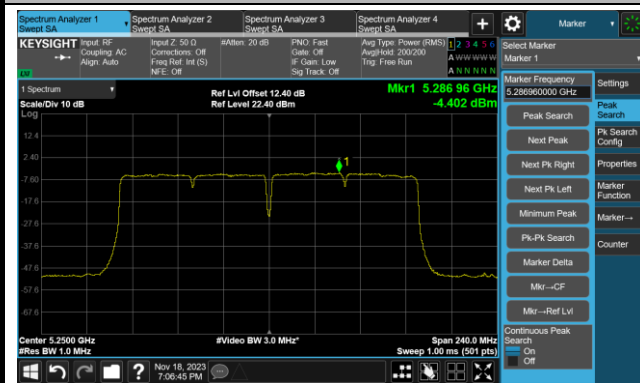


Channel 58 (5290 MHz)



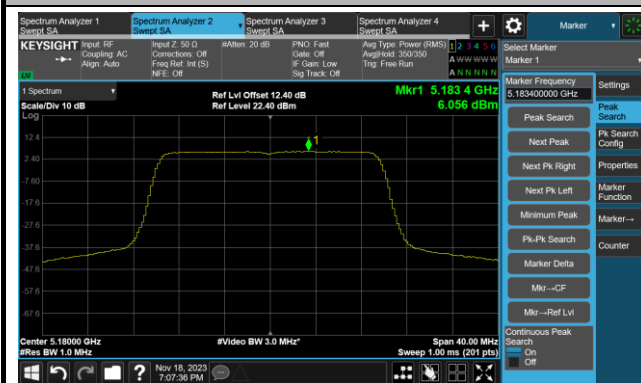
802.11ac-VHT160 Power Spectral Density - Ant 3

Channel 50 (5250 MHz)

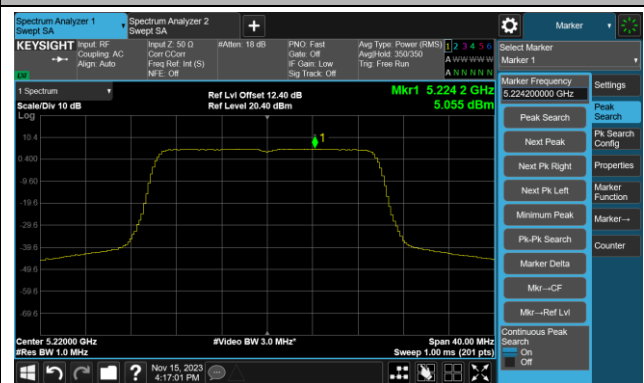


802.11ax-HE20 Power Spectral Density - Ant 3

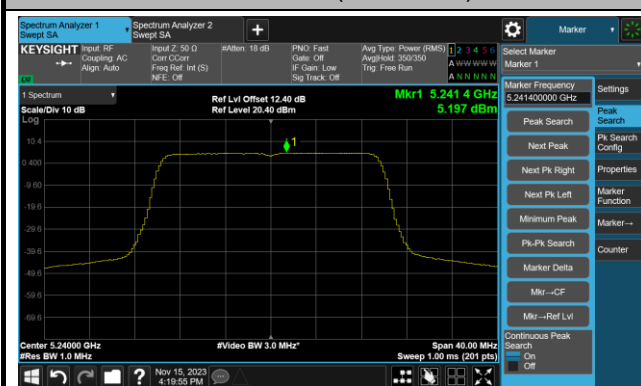
Channel 36 (5180 MHz)



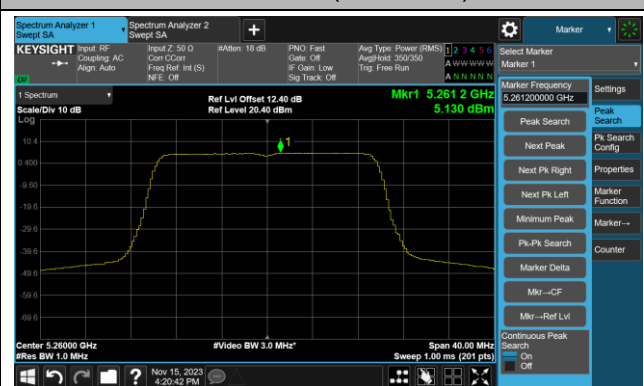
Channel 44 (5220 MHz)



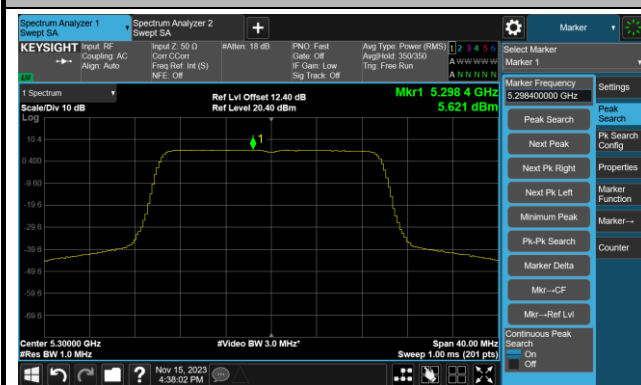
Channel 48 (5240 MHz)



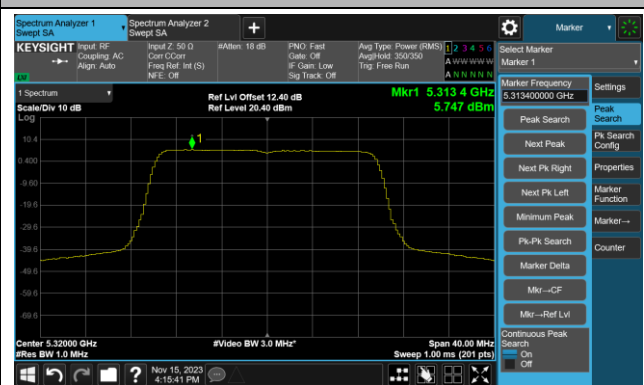
Channel 52 (5260 MHz)



Channel 60 (5300 MHz)

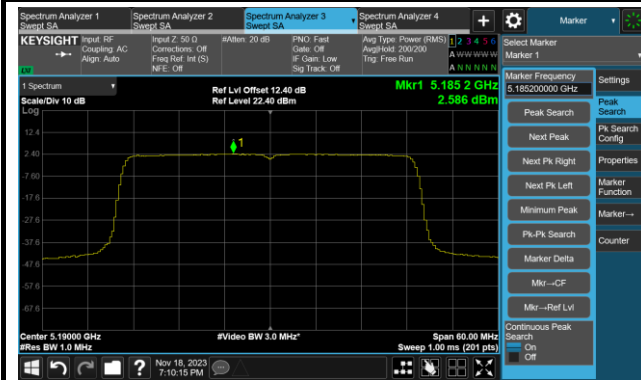


Channel 64 (5320 MHz)

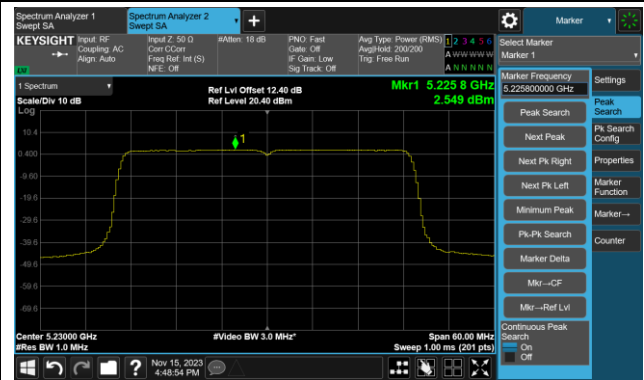


802.11ax-HE40 Power Spectral Density - Ant 3

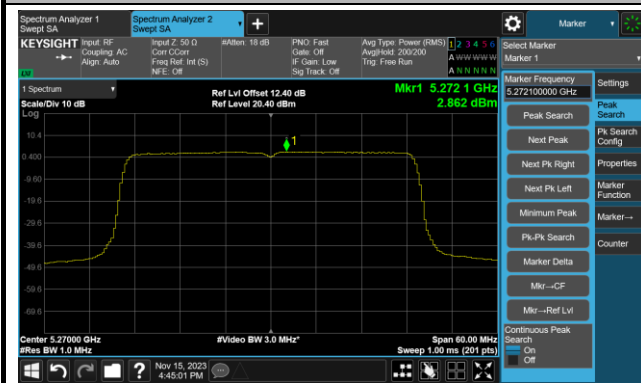
Channel 38 (5190 MHz)



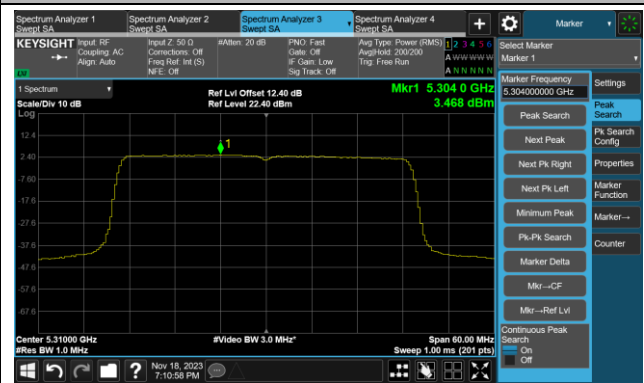
Channel 46 (5230 MHz)



Channel 54 (5270 MHz)

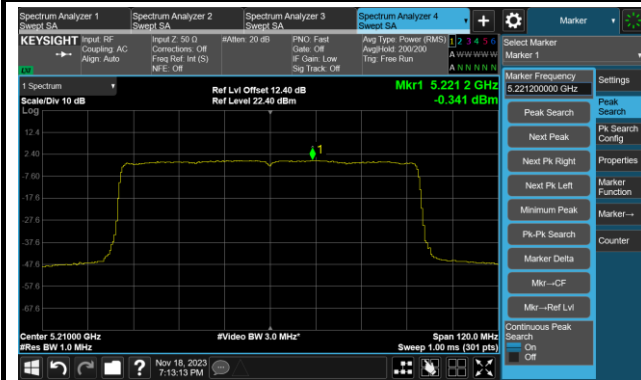


Channel 62 (5310 MHz)

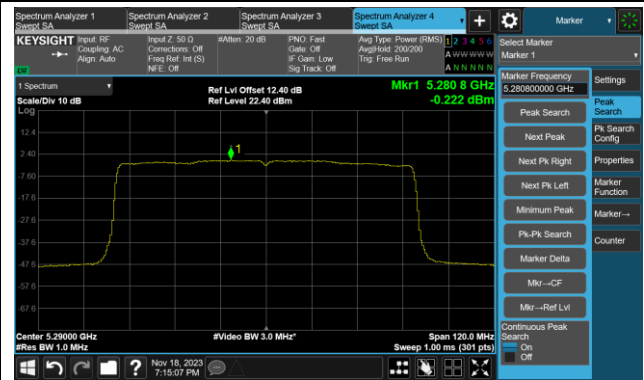


802.11ax-HE80 Power Spectral Density - Ant 3

Channel 42 (5210 MHz)

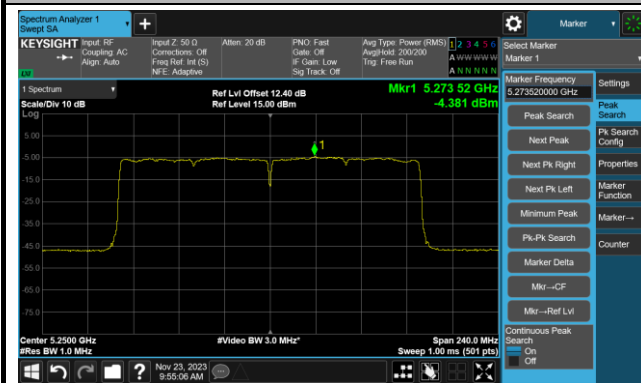


Channel 58 (5290 MHz)



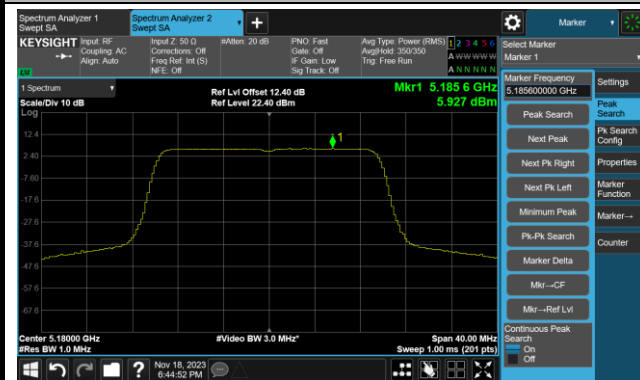
802.11ax-HE160 Power Spectral Density - Ant 3

Channel 50 (5250 MHz)

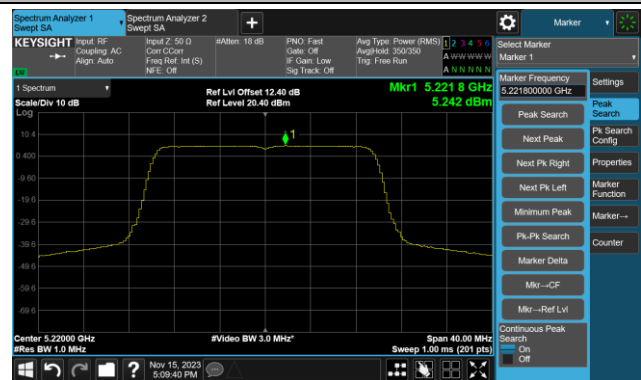


802.11be-EHT20 Power Spectral Density - Ant 3

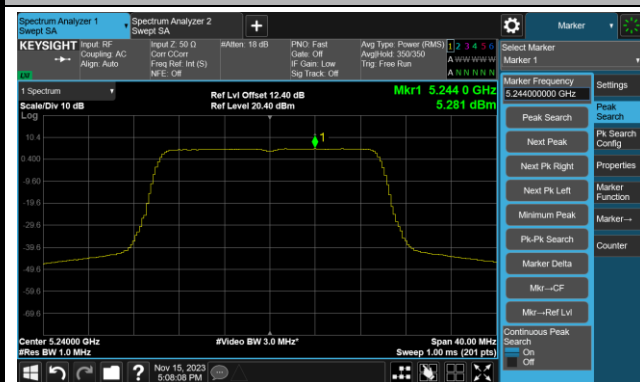
Channel 36 (5180 MHz)



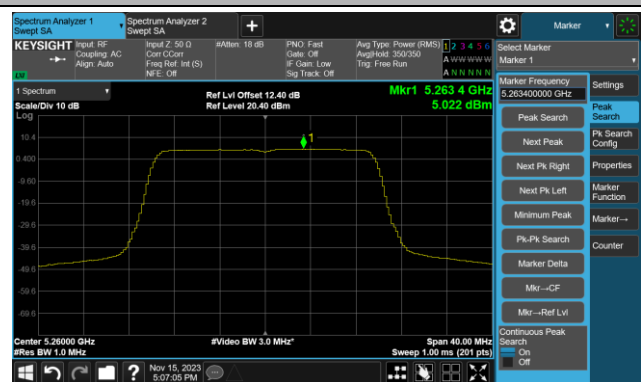
Channel 44 (5220 MHz)



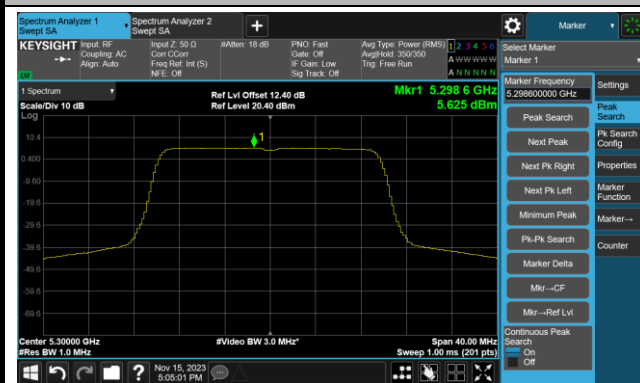
Channel 48 (5240 MHz)



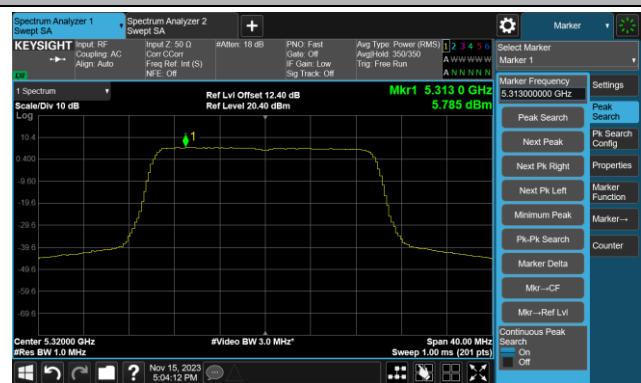
Channel 52 (5260 MHz)



Channel 60 (5300 MHz)

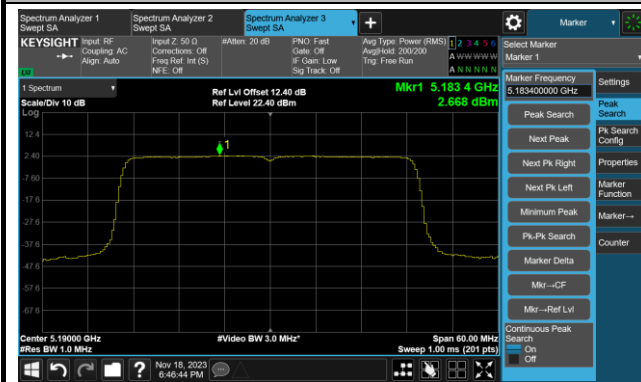


Channel 64 (5320 MHz)

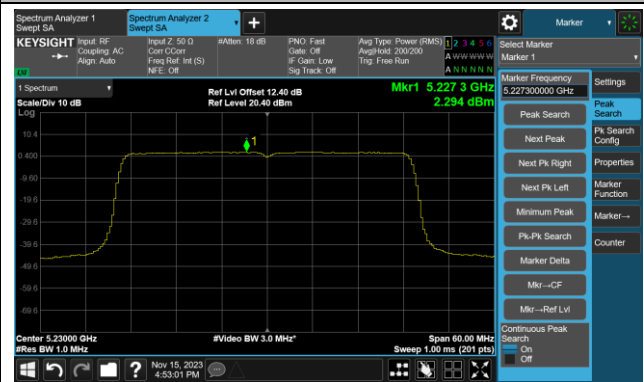


802.11be-EHT40 Power Spectral Density - Ant 3

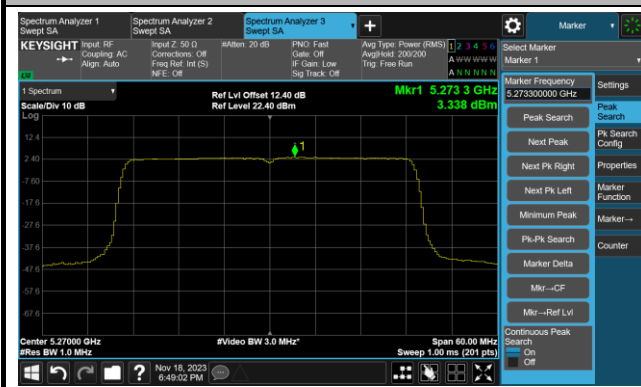
Channel 38 (5190 MHz)



Channel 46 (5230 MHz)



Channel 54 (5270 MHz)

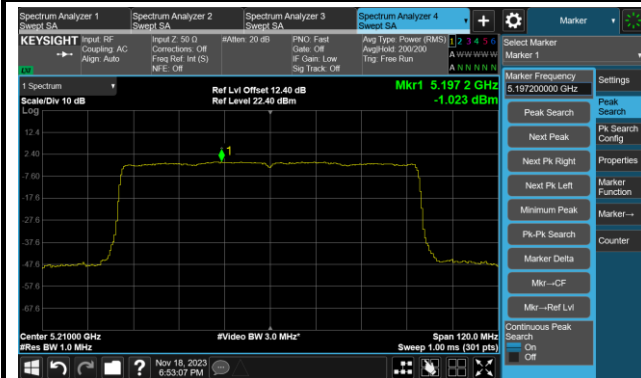


Channel 62 (5310 MHz)

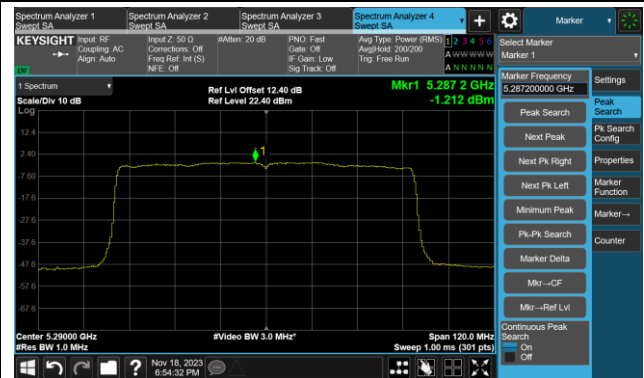


802.11be-EHT80 Power Spectral Density - Ant 3

Channel 42 (5210 MHz)

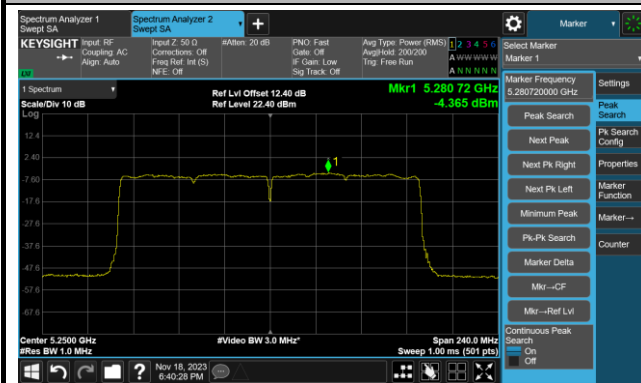


Channel 58 (5290 MHz)



802.11be-EHT160 Power Spectral Density - Ant 3

Channel 50 (5250 MHz)



A.5 Frequency Stability Test Result

Test Site	WZ-TR3	Test Engineer	Dandy Li
Test Date	2023-12-06	Test Mode	5180 MHz (Carrier Mode)

Voltage (%)	Power (VAC)	Temp (°C)	Frequency Tolerance (ppm)			
			0 minutes	2 minutes	5 minutes	10 minutes
100	120	- 30	13.89	13.99	14.04	14.08
		- 20	15.20	15.20	15.20	15.20
		- 10	14.47	14.45	14.43	14.42
		0	11.19	11.22	11.25	11.28
		+ 10	8.28	8.20	8.16	8.13
		+ 20	4.86	4.81	4.78	4.75
		+ 30	-0.58	-0.49	-0.38	-0.30
		+ 40	-3.06	-3.11	-3.14	-3.17
		+ 50	-4.47	-4.64	-4.69	-4.74
115	138	+ 20	2.31	2.25	2.23	2.21
85	102	+ 20	2.20	2.20	2.19	2.19

Note: Frequency Tolerance (ppm) = {[Measured Frequency (Hz) - Declared Frequency (Hz)] / Declared Frequency (Hz)} × 10⁶.

A.6 Radiated Spurious Emission Test Result

Test Site	WZ-AC2	Test Engineer	Dick Shen
Test Date	2023-11-18	Test Mode	802.11a – Channel 36
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20 dB below limit line within 1-18 GHz, 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
	8225.0	33.3	11.0	44.3	74.0	-29.7	Peak	Horizontal
*	9721.0	33.3	13.5	46.8	68.2	-21.4	Peak	Horizontal
	11557.0	31.4	17.9	49.3	74.0	-24.7	Peak	Horizontal
*	13945.5	31.4	19.6	51.0	68.2	-17.2	Peak	Horizontal
	7443.0	30.9	12.1	43.0	74.0	-31.0	Peak	Vertical
*	7978.5	33.4	11.6	45.0	68.2	-23.2	Peak	Vertical
*	10069.5	32.3	13.7	46.0	68.2	-22.2	Peak	Vertical
	11540.0	30.5	17.6	48.1	74.0	-25.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27 dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2 dB to the EIRP limit of -27 dBm/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	Dick Shen
Test Date	2023-11-18	Test Mode	802.11a – Channel 44
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20 dB below limit line within 1-18 GHz, 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
	7366.5	31.2	11.5	42.7	74.0	-31.3	Peak	Horizontal
*	9721.0	33.7	13.5	47.2	68.2	-21.0	Peak	Horizontal
	11514.5	31.8	17.3	49.1	74.0	-24.9	Peak	Horizontal
*	14447.0	31.6	20.4	52.0	68.2	-16.2	Peak	Horizontal
	7502.5	29.8	12.0	41.8	74.0	-32.2	Peak	Vertical
*	9653.0	34.1	13.5	47.6	68.2	-20.6	Peak	Vertical
	11514.5	31.3	17.3	48.6	74.0	-25.4	Peak	Vertical
*	15025.0	32.6	19.1	51.7	68.2	-16.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27 dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2 dB to the EIRP limit of -27 dBm/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	Dick Shen
Test Date	2023-11-18	Test Mode	802.11a – Channel 48
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20 dB below limit line within 1-18 GHz, 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
	7366.5	31.6	11.5	43.1	74.0	-30.9	Peak	Horizontal
*	9738.0	32.9	13.5	46.4	68.2	-21.8	Peak	Horizontal
	11820.5	31.6	17.5	49.1	74.0	-24.9	Peak	Horizontal
*	14965.5	32.5	18.9	51.4	68.2	-16.8	Peak	Horizontal
	7621.5	32.1	11.7	43.8	74.0	-30.2	Peak	Vertical
*	10384.0	32.0	15.1	47.1	68.2	-21.1	Peak	Vertical
	11642.0	31.8	17.9	49.7	74.0	-24.3	Peak	Vertical
*	14455.5	31.0	20.3	51.3	68.2	-16.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27 dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2 dB to the EIRP limit of -27 dBm/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	Dick Shen
Test Date	2023-11-18	Test Mode	802.11a – Channel 52
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20 dB below limit line within 1-18 GHz, 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
	8131.5	32.1	11.9	44.0	74.0	-30.0	Peak	Horizontal
*	9840.0	32.6	13.5	46.1	68.2	-22.1	Peak	Horizontal
	11506.0	31.9	17.4	49.3	74.0	-24.7	Peak	Horizontal
*	14030.5	31.3	19.8	51.1	68.2	-17.1	Peak	Horizontal
	8123.0	31.8	12.0	43.8	74.0	-30.2	Peak	Vertical
*	9755.0	32.7	13.4	46.1	68.2	-22.1	Peak	Vertical
	11727.0	31.3	17.9	49.2	74.0	-24.8	Peak	Vertical
*	14659.5	32.5	19.4	51.9	68.2	-16.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27 dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2 dB to the EIRP limit of -27 dBm/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	Dick Shen
Test Date	2023-11-18	Test Mode	802.11a – Channel 60
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20 dB below limit line within 1-18 GHz, 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
	7502.5	31.6	12.0	43.6	74.0	-30.4	Peak	Horizontal
*	9967.5	32.8	13.9	46.7	68.2	-21.5	Peak	Horizontal
	11548.5	32.0	17.7	49.7	74.0	-24.3	Peak	Horizontal
*	13860.5	29.8	19.0	48.8	68.2	-19.4	Peak	Horizontal
	7409.0	31.7	11.7	43.4	74.0	-30.6	Peak	Vertical
*	9738.0	32.7	13.5	46.2	68.2	-22.0	Peak	Vertical
	11497.5	31.0	17.6	48.6	74.0	-25.4	Peak	Vertical
*	14039.0	31.3	19.9	51.2	68.2	-17.0	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27 dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2 dB to the EIRP limit of -27 dBm/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	Dick Shen
Test Date	2023-11-18	Test Mode	802.11a – Channel 64
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20 dB below limit line within 1-18 GHz, 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
	7545.0	31.7	12.0	43.7	74.0	-30.3	Peak	Horizontal
*	9925.0	32.4	13.7	46.1	68.2	-22.1	Peak	Horizontal
	11548.5	31.3	17.7	49.0	74.0	-25.0	Peak	Horizontal
*	15008.0	32.9	19.4	52.3	68.2	-15.9	Peak	Horizontal
	7451.5	31.5	12.2	43.7	74.0	-30.3	Peak	Vertical
*	10078.0	30.9	13.7	44.6	68.2	-23.6	Peak	Vertical
	11565.5	31.4	17.8	49.2	74.0	-24.8	Peak	Vertical
*	13639.5	31.3	19.1	50.4	68.2	-17.8	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27 dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2 dB to the EIRP limit of -27 dBm/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	Dick Shen
Test Date	2023-11-18	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 20 dB below limit line within 1-18 GHz, 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
	7536.5	31.4	11.9	43.3	74.0	-30.7	Peak	Horizontal
*	9993.0	32.7	13.7	46.4	68.2	-21.8	Peak	Horizontal
	11548.5	31.4	17.7	49.1	74.0	-24.9	Peak	Horizontal
*	14948.5	32.7	19.4	52.1	68.2	-16.1	Peak	Horizontal
	7468.5	31.2	12.1	43.3	74.0	-30.7	Peak	Vertical
*	10027.0	32.8	13.9	46.7	68.2	-21.5	Peak	Vertical
	11489.0	31.7	17.7	49.4	74.0	-24.6	Peak	Vertical
*	14047.5	30.7	20.0	50.7	68.2	-17.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27 dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2 dB to the EIRP limit of -27 dBm/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	Dick Shen
Test Date	2023-11-18	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 20 dB below limit line within 1-18 GHz, 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
	7358.0	32.3	11.4	43.7	74.0	-30.3	Peak	Horizontal
*	10324.5	32.2	15.1	47.3	68.2	-20.9	Peak	Horizontal
	11557.0	31.2	17.9	49.1	74.0	-24.9	Peak	Horizontal
*	14124.0	31.3	19.9	51.2	68.2	-17.0	Peak	Horizontal
	7468.5	29.3	12.1	41.4	74.0	-32.6	Peak	Vertical
*	9678.5	31.8	13.5	45.3	68.2	-22.9	Peak	Vertical
	11506.0	31.5	17.4	48.9	74.0	-25.1	Peak	Vertical
*	14124.0	31.2	19.9	51.1	68.2	-17.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27 dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2 dB to the EIRP limit of -27 dBm/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	Dick Shen
Test Date	2023-11-18	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 20 dB below limit line within 1-18 GHz, 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
	8148.5	32.9	11.6	44.5	74.0	-29.5	Peak	Horizontal
*	9976.0	32.6	13.8	46.4	68.2	-21.8	Peak	Horizontal
	11676.0	32.1	17.3	49.4	74.0	-24.6	Peak	Horizontal
*	14166.5	32.2	19.8	52.0	68.2	-16.2	Peak	Horizontal
	7604.5	31.1	11.6	42.7	74.0	-31.3	Peak	Vertical
*	7995.5	33.2	11.6	44.8	68.2	-23.4	Peak	Vertical
*	9993.0	32.5	13.7	46.2	68.2	-22.0	Peak	Vertical
	11574.0	31.1	17.7	48.8	74.0	-25.2	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27 dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2 dB to the EIRP limit of -27 dBm/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	Dick Shen
Test Date	2023-11-18	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 20 dB below limit line within 1-18 GHz, 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
	7511.0	32.0	11.9	43.9	74.0	-30.1	Peak	Horizontal
*	9738.0	32.6	13.5	46.1	68.2	-22.1	Peak	Horizontal
	11540.0	31.1	17.6	48.7	74.0	-25.3	Peak	Horizontal
*	14141.0	31.3	20.0	51.3	68.2	-16.9	Peak	Horizontal
	7443.0	31.4	12.1	43.5	74.0	-30.5	Peak	Vertical
*	10010.0	33.1	13.8	46.9	68.2	-21.3	Peak	Vertical
	11557.0	30.8	17.9	48.7	74.0	-25.3	Peak	Vertical
*	15025.0	32.3	19.1	51.4	68.2	-16.8	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27 dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2 dB to the EIRP limit of -27 dBm/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	Dick Shen
Test Date	2023-11-18	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 20 dB below limit line within 1-18 GHz, 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
	7392.0	31.5	11.8	43.3	74.0	-30.7	Peak	Horizontal
*	10010.0	33.4	13.8	47.2	68.2	-21.0	Peak	Horizontal
	11463.5	31.8	17.5	49.3	74.0	-24.7	Peak	Horizontal
*	14651.0	32.0	19.4	51.4	68.2	-16.8	Peak	Horizontal
	7536.5	31.8	11.9	43.7	74.0	-30.3	Peak	Vertical
*	8888.0	31.9	12.8	44.7	68.2	-23.5	Peak	Vertical
*	9789.0	32.2	13.6	45.8	68.2	-22.4	Peak	Vertical
	11523.0	32.1	17.2	49.3	74.0	-24.7	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27 dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2 dB to the EIRP limit of -27 dBm/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	Dick Shen
Test Date	2023-11-18	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 20 dB below limit line within 1-18 GHz, 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
	7383.5	31.8	11.7	43.5	74.0	-30.5	Peak	Horizontal
*	9636.0	32.8	13.4	46.2	68.2	-22.0	Peak	Horizontal
	11540.0	31.1	17.6	48.7	74.0	-25.3	Peak	Horizontal
*	14234.5	31.1	20.0	51.1	68.2	-17.1	Peak	Horizontal
	7545.0	31.3	12.0	43.3	74.0	-30.7	Peak	Vertical
*	9712.5	33.5	13.5	47.0	68.2	-21.2	Peak	Vertical
	11157.5	31.7	16.7	48.4	74.0	-25.6	Peak	Vertical
*	13716.0	31.8	19.3	51.1	68.2	-17.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27 dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2 dB to the EIRP limit of -27 dBm/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	Dick Shen
Test Date	2023-11-18	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 20 dB below limit line within 1-18 GHz, 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
	7545.0	31.6	12.0	43.6	74.0	-30.4	Peak	Horizontal
*	10307.5	32.1	14.9	47.0	68.2	-21.2	Peak	Horizontal
	11548.5	31.0	17.7	48.7	74.0	-25.3	Peak	Horizontal
*	14251.5	31.8	19.9	51.7	68.2	-16.5	Peak	Horizontal
	7366.5	31.5	11.5	43.0	74.0	-31.0	Peak	Vertical
*	10426.5	33.3	15.4	48.7	68.2	-19.5	Peak	Vertical
	11540.0	31.6	17.6	49.2	74.0	-24.8	Peak	Vertical
*	14549.0	31.1	19.7	50.8	68.2	-17.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27 dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2 dB to the EIRP limit of -27 dBm/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	Dick Shen
Test Date	2023-11-18	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 20 dB below limit line within 1-18 GHz, 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
	8199.5	32.7	11.4	44.1	74.0	-29.9	Peak	Horizontal
*	10333.0	32.2	15.1	47.3	68.2	-20.9	Peak	Horizontal
	11463.5	31.1	17.5	48.6	74.0	-25.4	Peak	Horizontal
*	15008.0	32.2	19.4	51.6	68.2	-16.6	Peak	Horizontal
	7647.0	31.9	11.4	43.3	74.0	-30.7	Peak	Vertical
*	9976.0	33.3	13.8	47.1	68.2	-21.1	Peak	Vertical
	11548.5	31.6	17.7	49.3	74.0	-24.7	Peak	Vertical
*	14328.0	31.5	20.2	51.7	68.2	-16.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27 dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2 dB to the EIRP limit of -27 dBm/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	Dick Shen
Test Date	2023-11-18	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 20 dB below limit line within 1-18 GHz, 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
	7485.5	32.2	12.0	44.2	74.0	-29.8	Peak	Horizontal
*	9976.0	33.6	13.8	47.4	68.2	-20.8	Peak	Horizontal
	11565.5	31.6	17.8	49.4	74.0	-24.6	Peak	Horizontal
*	14455.5	32.9	20.3	53.2	68.2	-15.0	Peak	Horizontal
	7536.5	32.0	11.9	43.9	74.0	-30.1	Peak	Vertical
*	9857.0	32.5	13.5	46.0	68.2	-22.2	Peak	Vertical
	11548.5	32.3	17.7	50.0	74.0	-24.0	Peak	Vertical
*	14387.5	33.0	19.8	52.8	68.2	-15.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27 dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2 dB to the EIRP limit of -27 dBm/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	Dick Shen
Test Date	2023-11-18	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 20 dB below limit line within 1-18 GHz, 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
	8344.0	32.4	11.1	43.5	74.0	-30.5	Peak	Horizontal
*	9925.0	33.1	13.7	46.8	68.2	-21.4	Peak	Horizontal
	11565.5	31.5	17.8	49.3	74.0	-24.7	Peak	Horizontal
*	14464.0	31.7	20.2	51.9	68.2	-16.3	Peak	Horizontal
	7502.5	31.8	12.0	43.8	74.0	-30.2	Peak	Vertical
*	9746.5	32.7	13.4	46.1	68.2	-22.1	Peak	Vertical
	11625.0	31.0	17.6	48.6	74.0	-25.4	Peak	Vertical
*	14583.0	32.0	19.4	51.4	68.2	-16.8	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27 dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2 dB to the EIRP limit of -27 dBm/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	Dick Shen
Test Date	2023-11-18	Test Mode	802.11ac-VHT80 – Channel 42
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20 dB below limit line within 1-18 GHz, 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
	7477.0	31.8	12.1	43.9	74.0	-30.1	Peak	Horizontal
*	9942.0	32.0	13.8	45.8	68.2	-22.4	Peak	Horizontal
	11489.0	31.5	17.7	49.2	74.0	-24.8	Peak	Horizontal
*	14464.0	32.2	20.2	52.4	68.2	-15.8	Peak	Horizontal
	7536.5	31.6	11.9	43.5	74.0	-30.5	Peak	Vertical
*	10027.0	32.3	13.9	46.2	68.2	-22.0	Peak	Vertical
	11506.0	31.5	17.4	48.9	74.0	-25.1	Peak	Vertical
*	14124.0	31.5	19.9	51.4	68.2	-16.8	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27 dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2 dB to the EIRP limit of -27 dBm/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	Dick Shen
Test Date	2023-11-18	Test Mode	802.11ac-VHT80 – Channel 58
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20 dB below limit line within 1-18 GHz, 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
	7545.0	32.1	12.0	44.1	74.0	-29.9	Peak	Horizontal
*	9687.0	33.3	13.5	46.8	68.2	-21.4	Peak	Horizontal
	11642.0	31.3	17.9	49.2	74.0	-24.8	Peak	Horizontal
*	14591.5	32.8	19.5	52.3	68.2	-15.9	Peak	Horizontal
	8140.0	32.8	11.7	44.5	74.0	-29.5	Peak	Vertical
*	9746.5	34.1	13.4	47.5	68.2	-20.7	Peak	Vertical
	11455.0	32.2	17.4	49.6	74.0	-24.4	Peak	Vertical
*	17073.5	34.1	22.2	56.3	68.2	-11.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27 dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2 dB to the EIRP limit of -27 dBm/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	Dick Shen
Test Date	2023-11-18	Test Mode	802.11ac-VHT160 – Channel 50
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20 dB below limit line within 1-18 GHz, 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
	7630.0	32.3	11.7	44.0	74.0	-30.0	Peak	Horizontal
*	9738.0	33.3	13.5	46.8	68.2	-21.4	Peak	Horizontal
	11548.5	31.5	17.7	49.2	74.0	-24.8	Peak	Horizontal
*	17065.0	33.5	22.3	55.8	68.2	-12.4	Peak	Horizontal
	7638.5	33.4	11.5	44.9	74.0	-29.1	Peak	Vertical
*	9746.5	33.6	13.4	47.0	68.2	-21.2	Peak	Vertical
	11557.0	31.2	17.9	49.1	74.0	-24.9	Peak	Vertical
*	14370.5	31.6	20.2	51.8	68.2	-16.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27 dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2 dB to the EIRP limit of -27 dBm/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	Dick Shen
Test Date	2023-11-18	Test Mode	802.11ax-HE20 – Channel 36
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20 dB below limit line within 1-18 GHz, 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
	7579.0	32.0	11.5	43.5	74.0	-30.5	Peak	Horizontal
*	10418.0	31.8	15.2	47.0	68.2	-21.2	Peak	Horizontal
	11548.5	30.8	17.7	48.5	74.0	-25.5	Peak	Horizontal
*	16920.5	32.8	21.8	54.6	68.2	-13.6	Peak	Horizontal
	7409.0	31.9	11.7	43.6	74.0	-30.4	Peak	Vertical
*	9933.5	33.3	13.8	47.1	68.2	-21.1	Peak	Vertical
	11557.0	31.4	17.9	49.3	74.0	-24.7	Peak	Vertical
*	14166.5	31.6	19.8	51.4	68.2	-16.8	Peak	Vertical

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