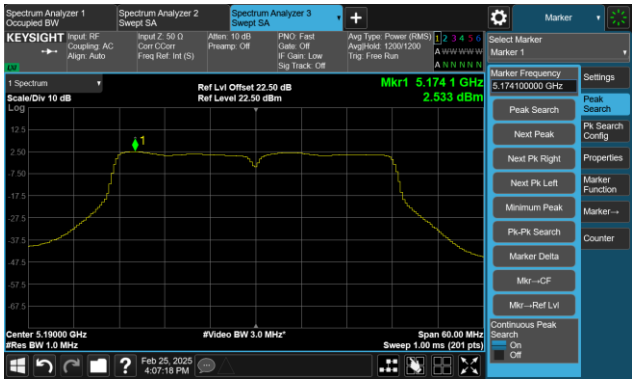
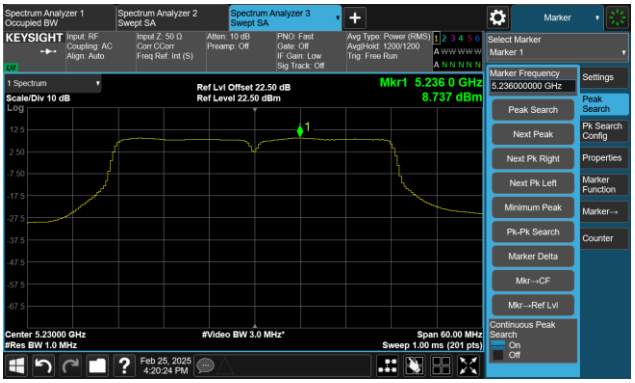
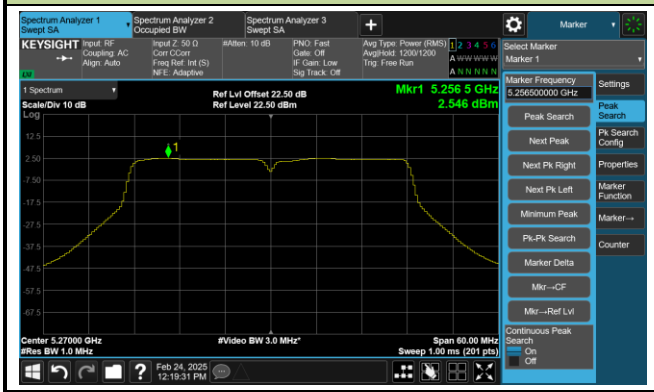
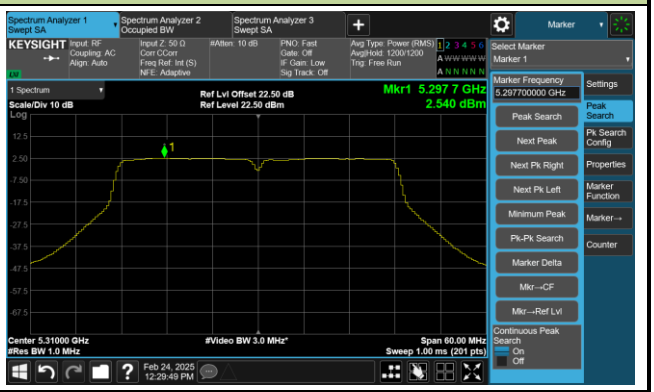
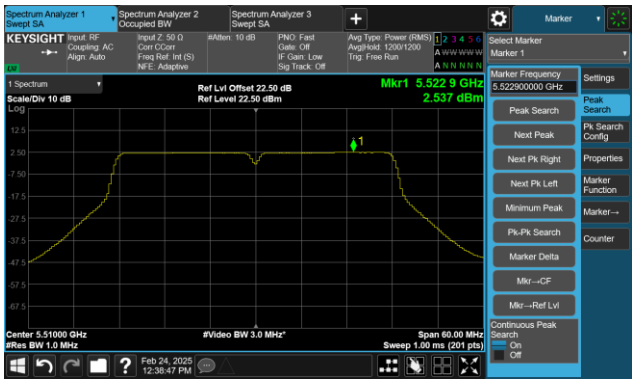
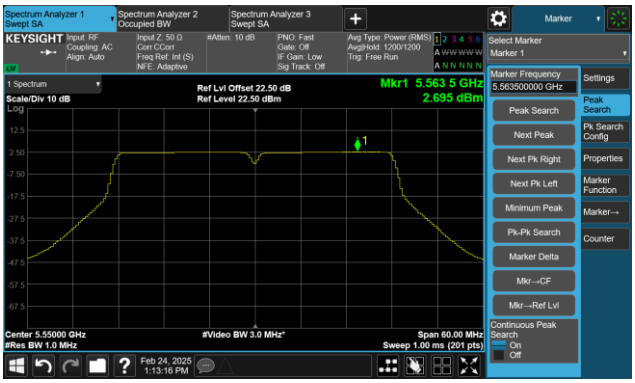
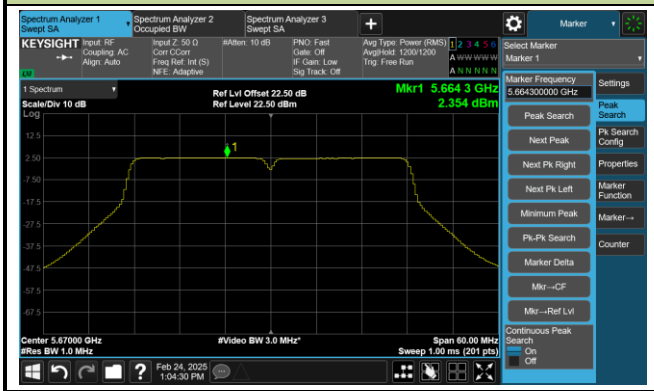
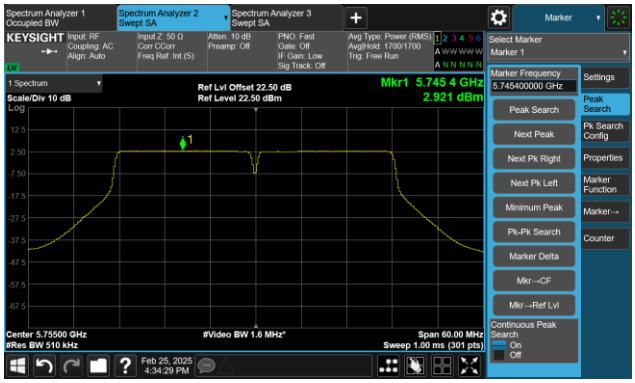
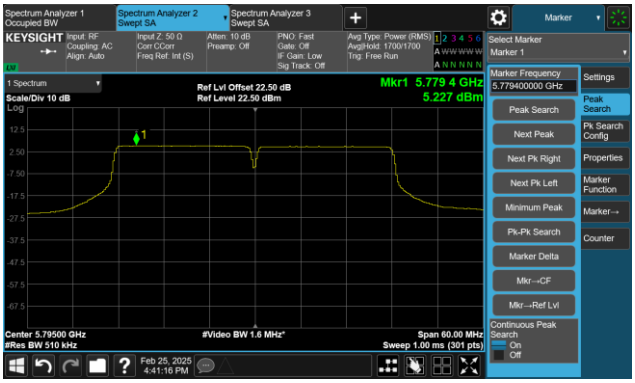
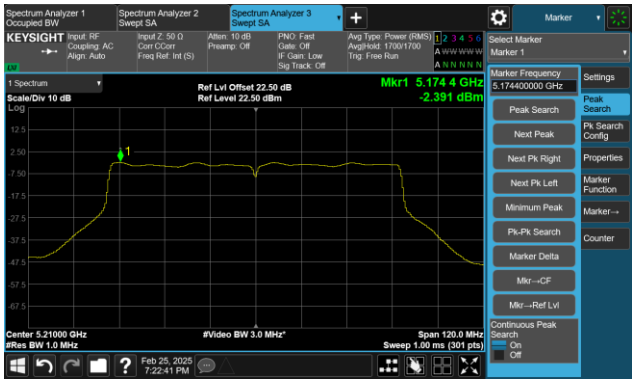
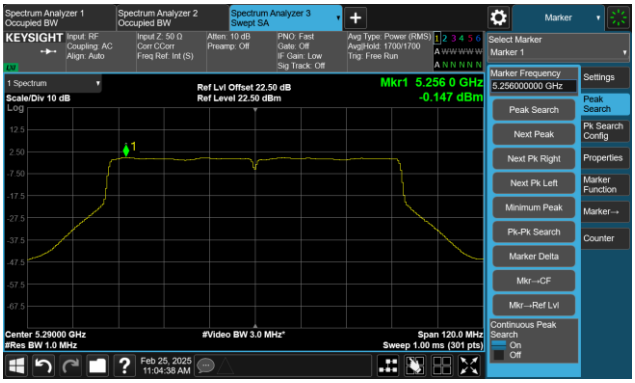
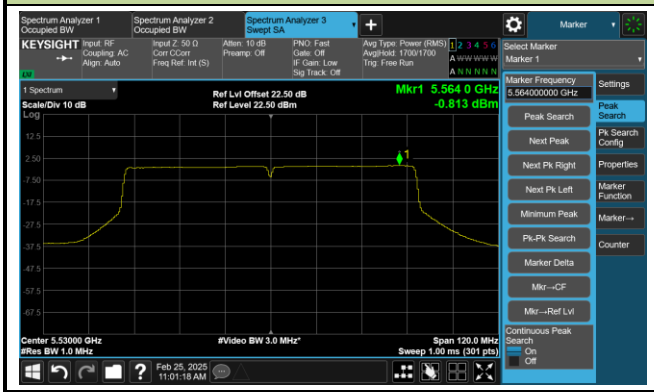
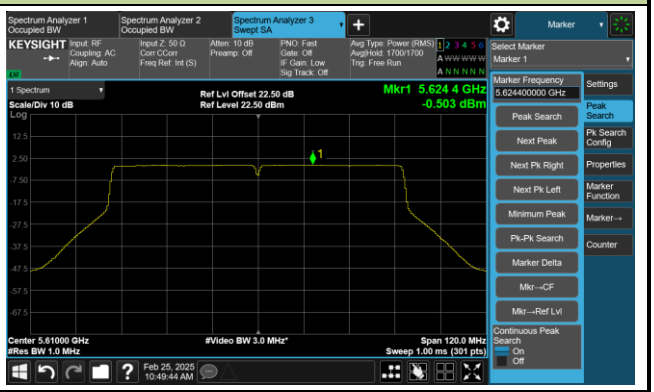
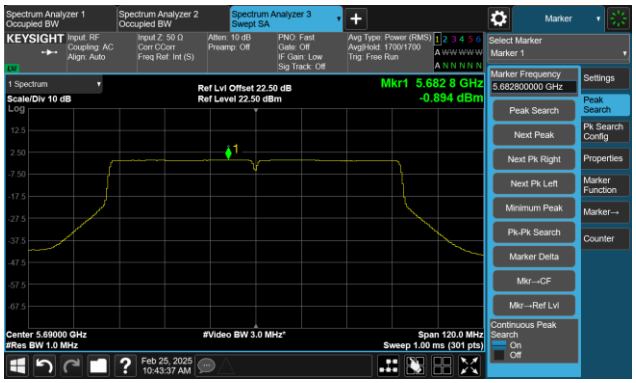
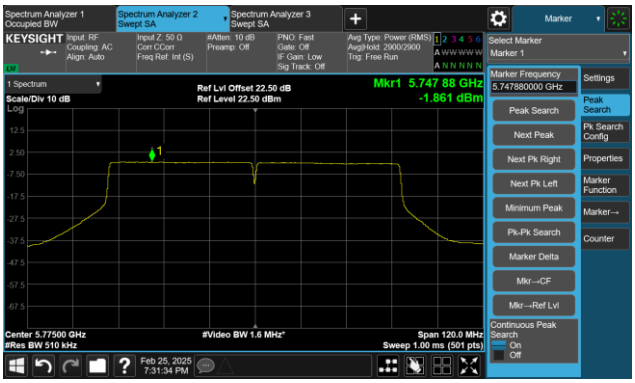
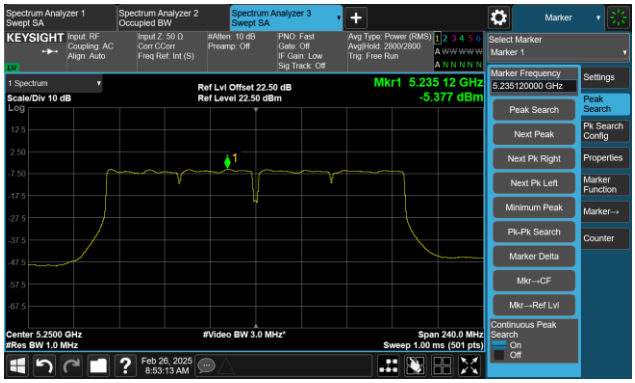
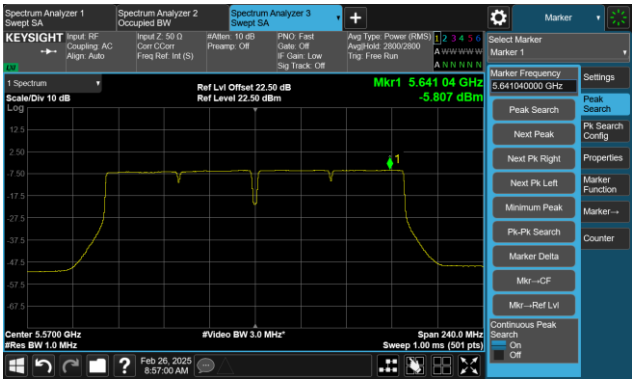
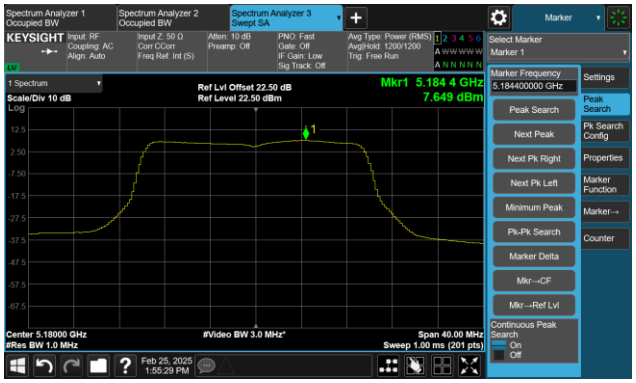
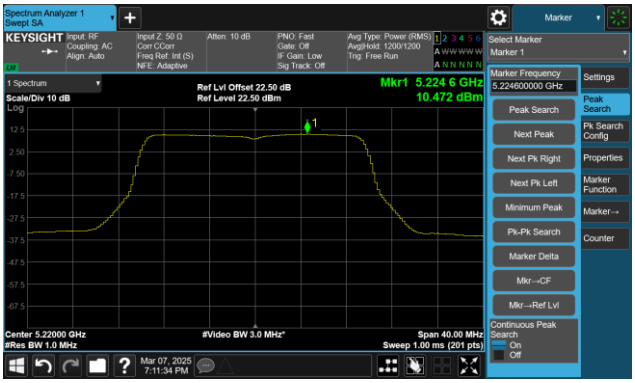
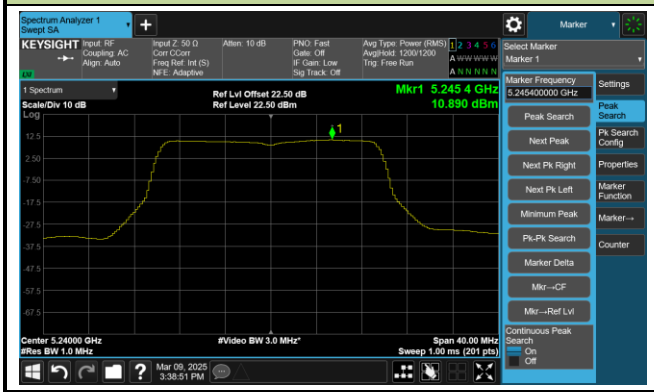
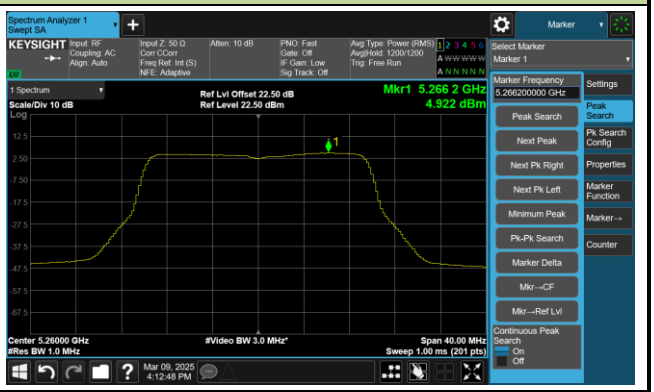
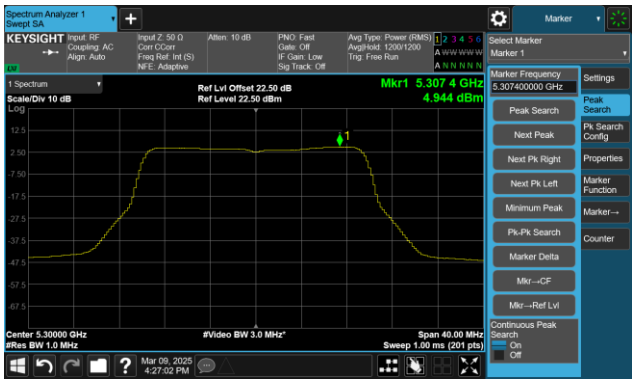
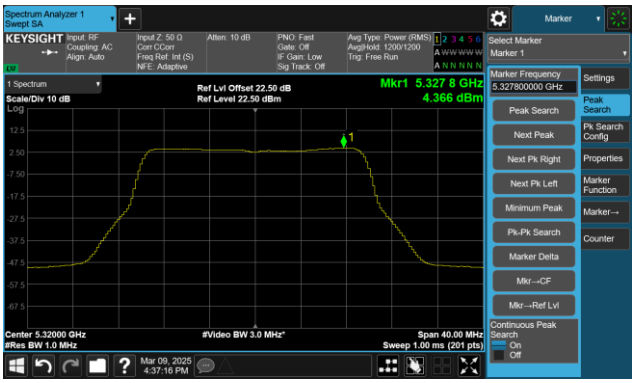
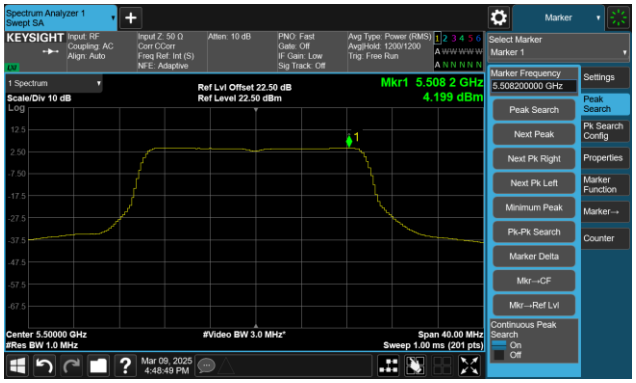
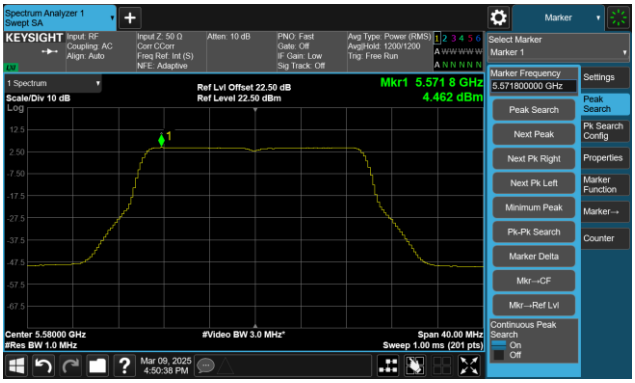
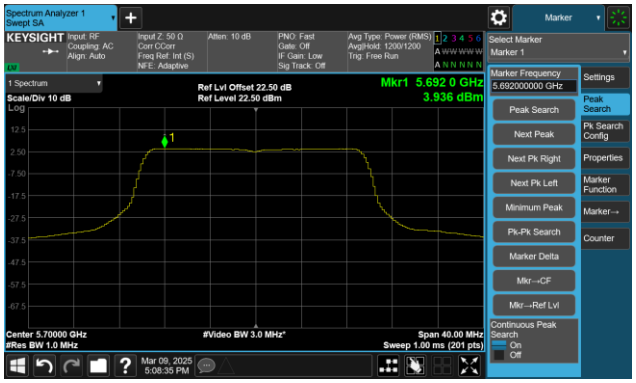
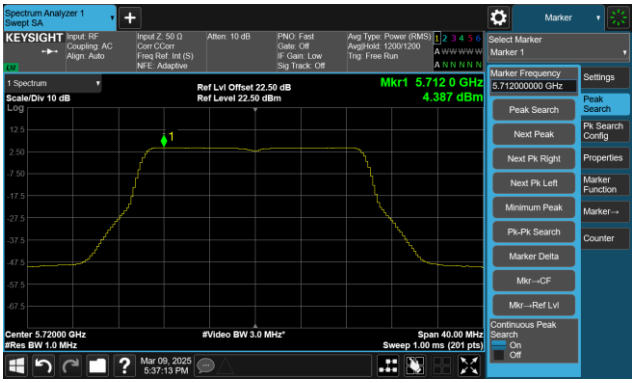
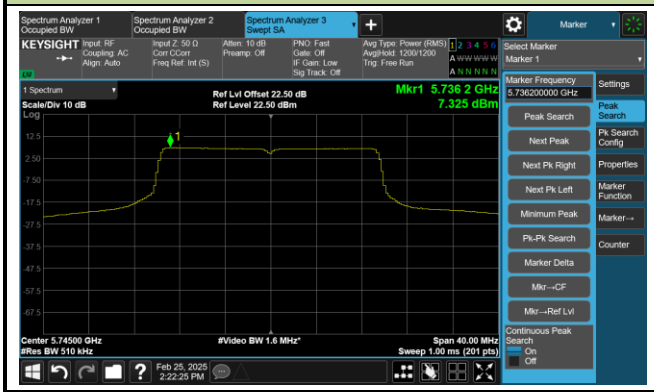
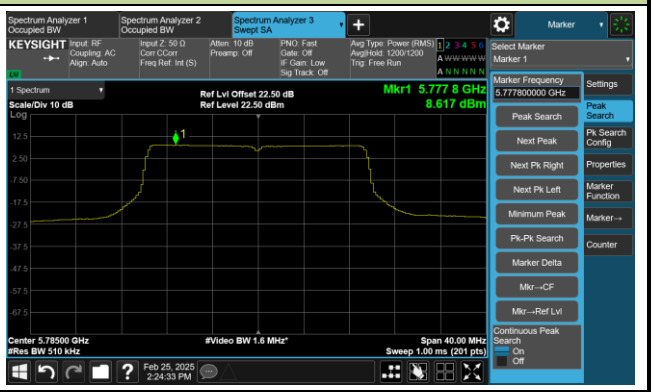
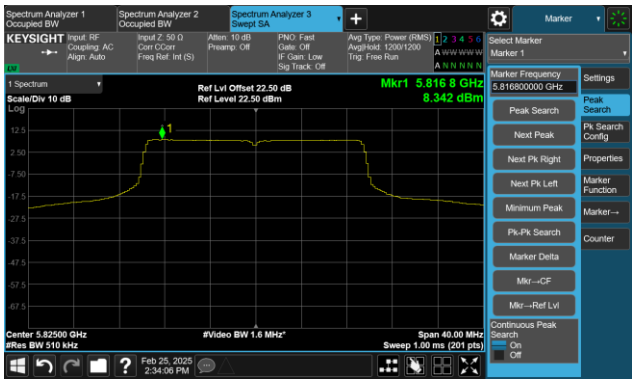
802.11ac-VHT40 Power Spectral Density- Ant 3	
Channel 38 (5190MHz)	Channel 46 (5230MHz)
	
Channel 54 (5270MHz)	Channel 62 (5310MHz)
	
Channel 102 (5510MHz)	Channel 110 (5550MHz)
	
Channel 134 (5670MHz)	Channel 142(5710MHz)
	

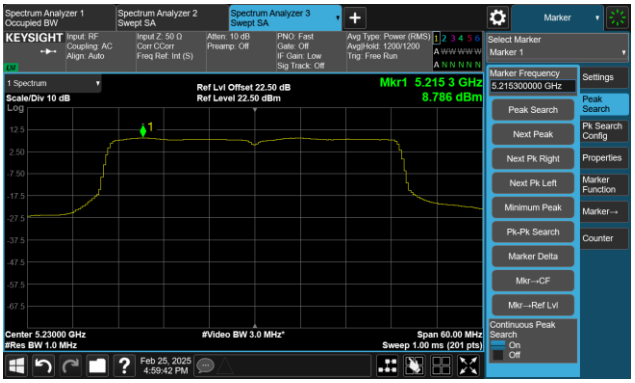
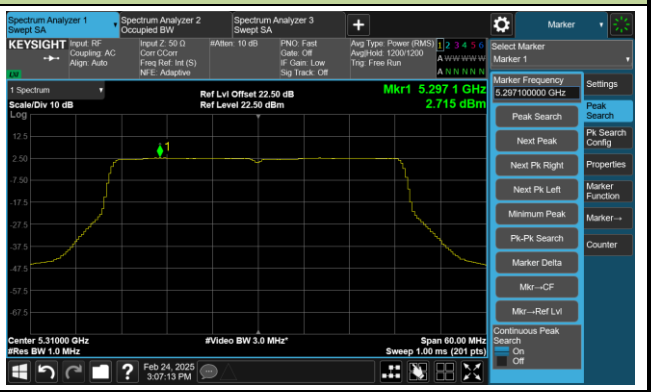
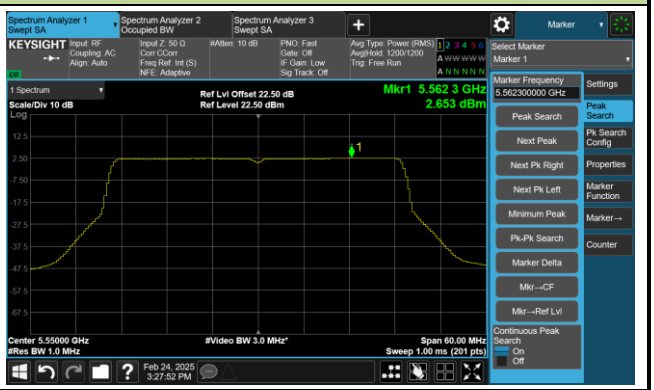
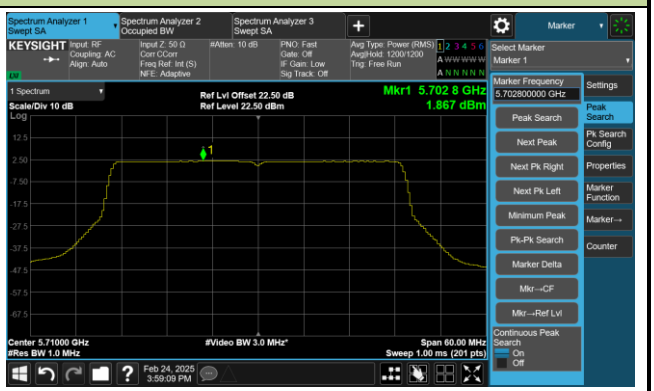
802.11ac-VHT40 Power Spectral Density- Ant 3	
Channel 151 (5755MHz)	Channel 159 (5795MHz)
	

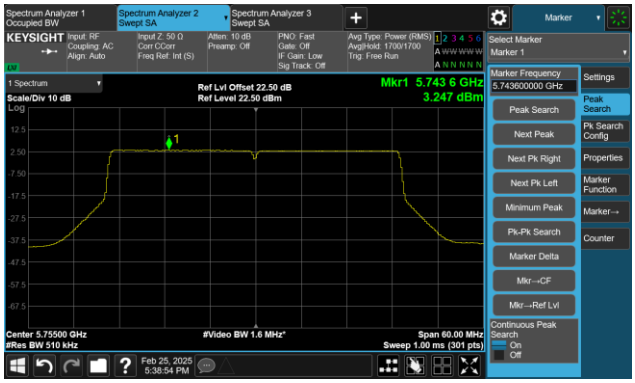
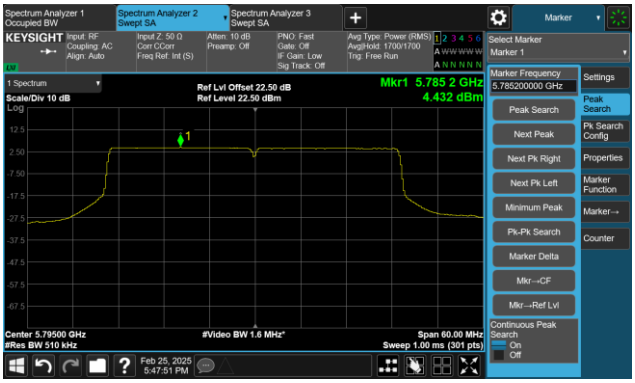
802.11ac-VHT80 Power Spectral Density- Ant 3	
Channel 42 (5210MHz)	Channel 58 (5290MHz)
	
Channel 106 (5530MHz)	Channel 122 (5610MHz)
	
Channel 138 (5690MHz)	Channel 155 (5775MHz)
	

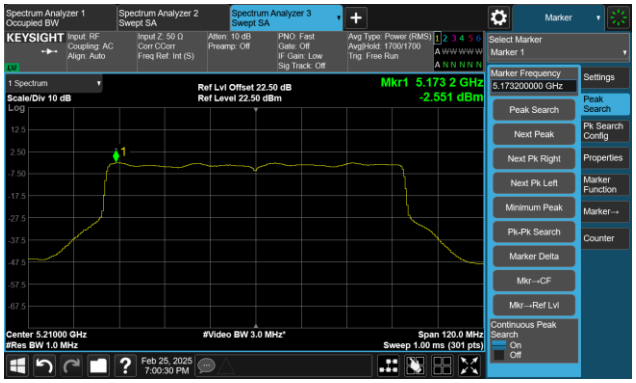
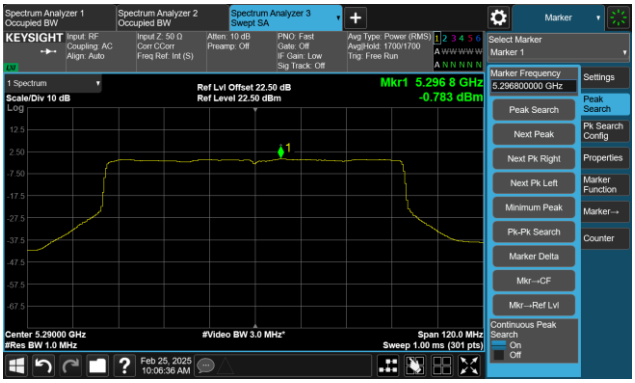
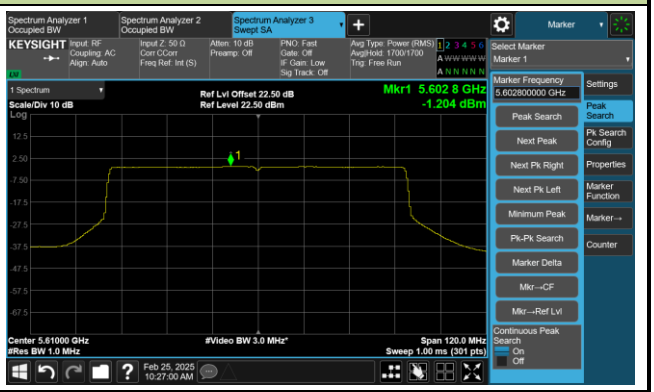
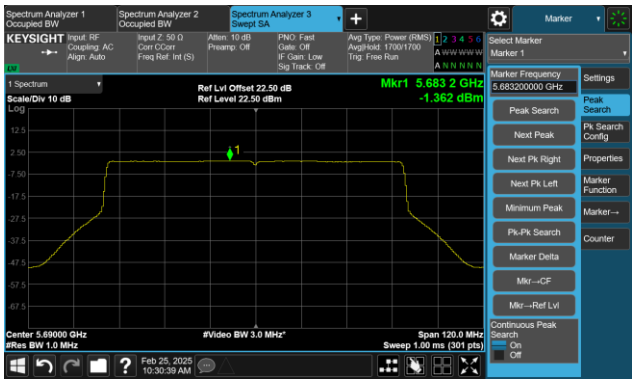
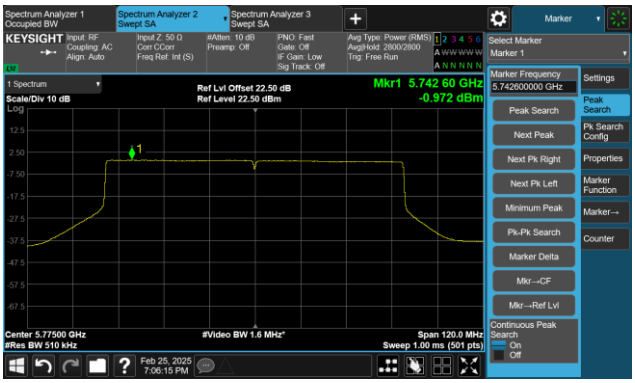
802.11ac-VHT160 Power Spectral Density- Ant 3	
Channel 50 (5250MHz)	Channel 114 (5570MHz)
	

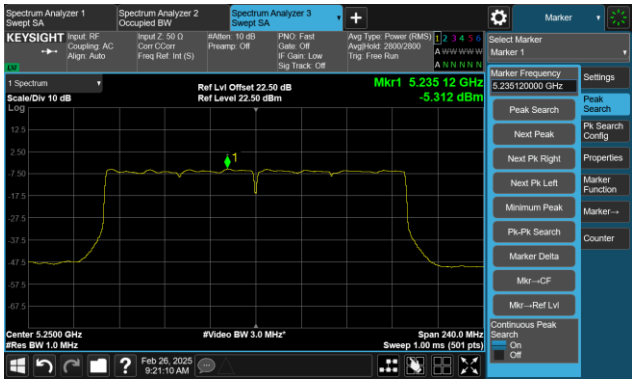
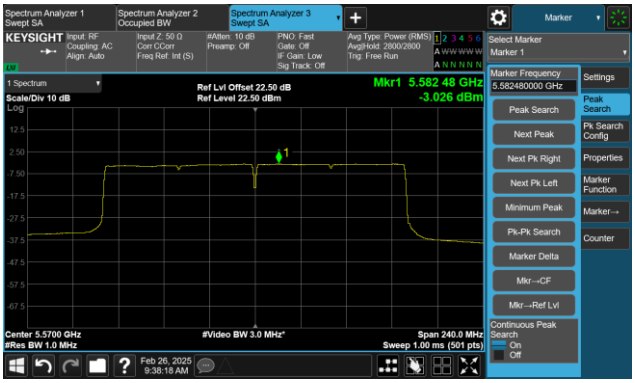
802.11ax-HE20 Power Spectral Density- Ant 3	
Channel 36 (5180MHz)	Channel 44 (5220MHz)
	
Channel 48 (5240MHz)	Channel 52 (5260MHz)
	
Channel 60 (5300MHz)	Channel 64 (5320MHz)
	
Channel 100 (5500MHz)	Channel 116 (5580MHz)
	

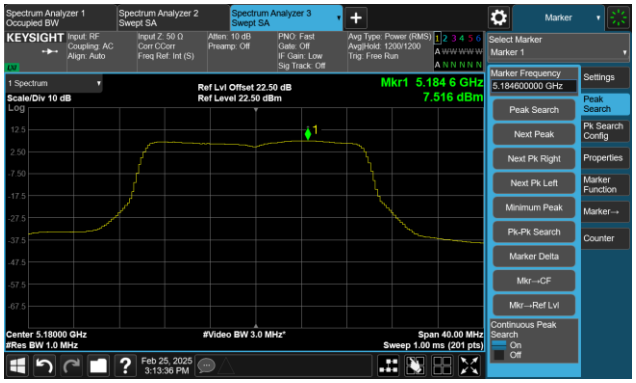
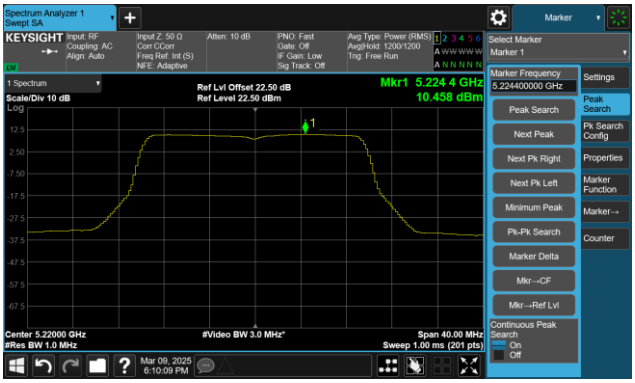
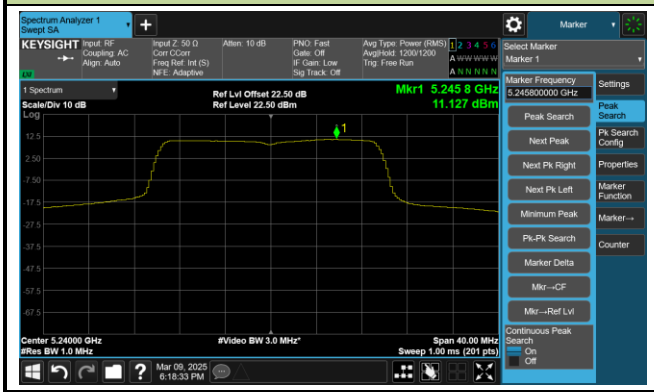
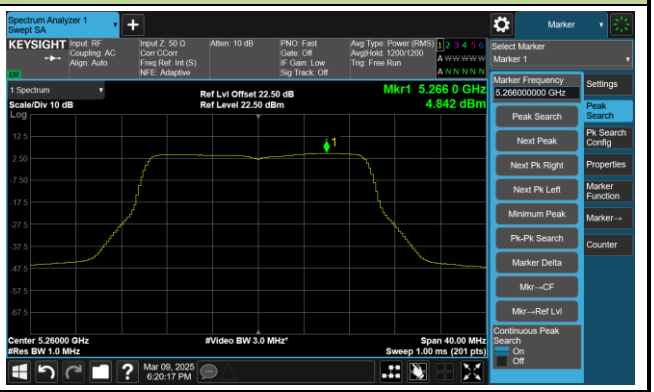
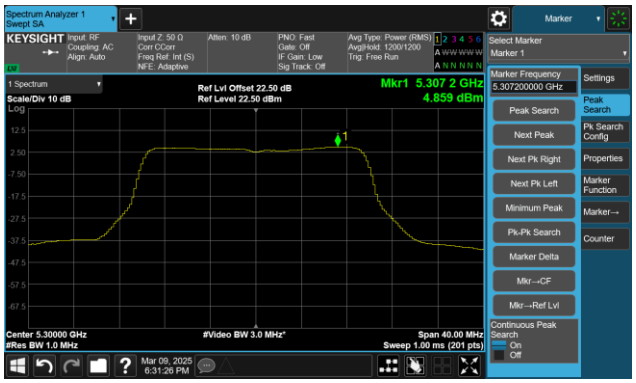
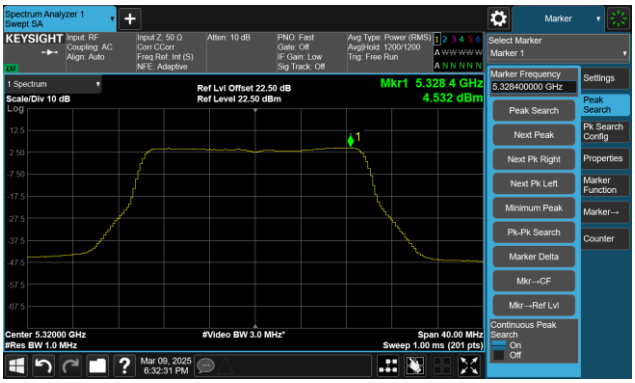
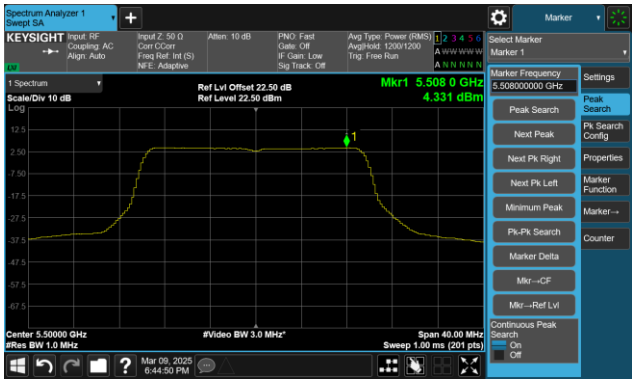
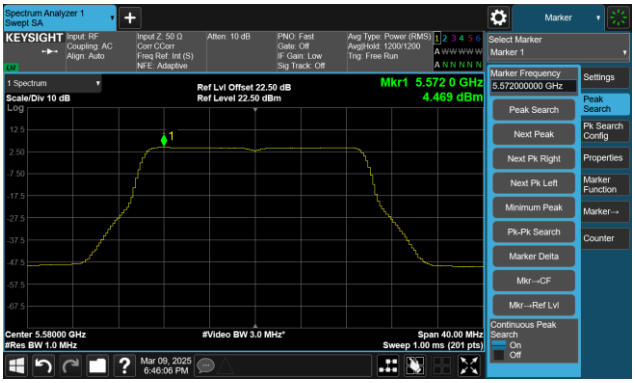
802.11ax-HE20 Power Spectral Density- Ant 3	
Channel 140 (5700MHz)	Channel 144(5720MHz)
	
Channel 149 (5745MHz)	Channel 157 (5785MHz)
	
Channel 165 (5825MHz)	
	

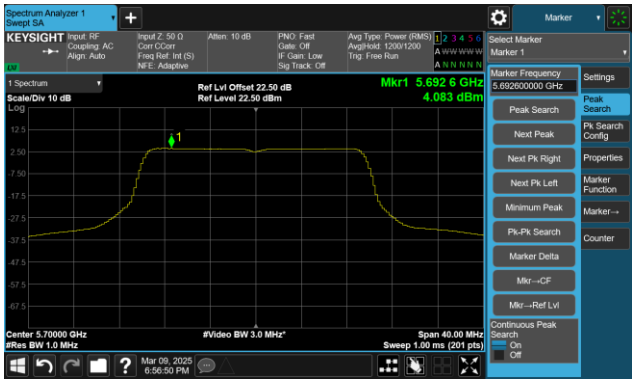
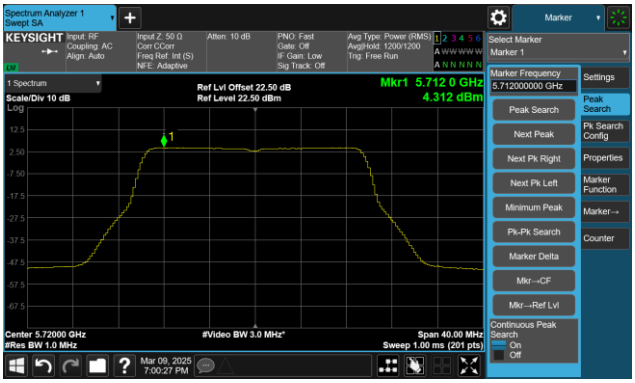
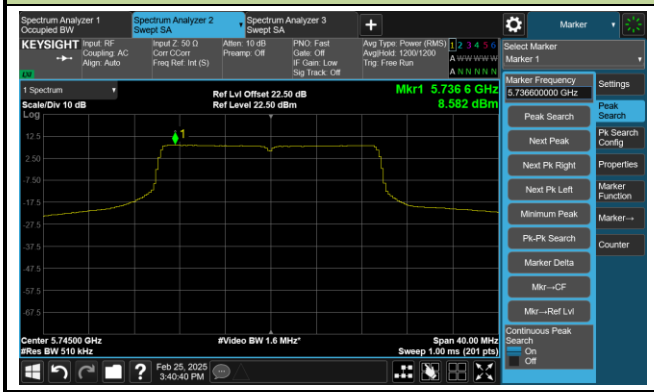
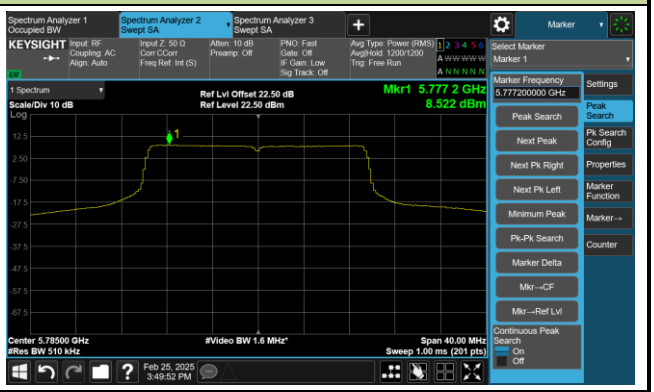
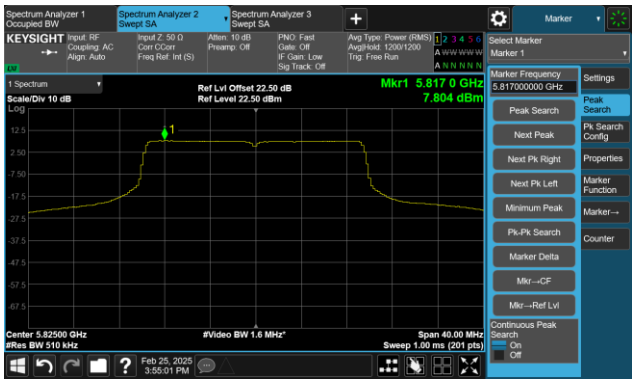
802.11ax-HE40 Power Spectral Density- Ant 3	
Channel 38 (5190MHz)	Channel 46 (5230MHz)
	
Channel 54 (5270MHz)	Channel 62 (5310MHz)
	
Channel 102 (5510MHz)	Channel 110 (5550MHz)
	
Channel 134 (5670MHz)	Channel 142(5710MHz)
	

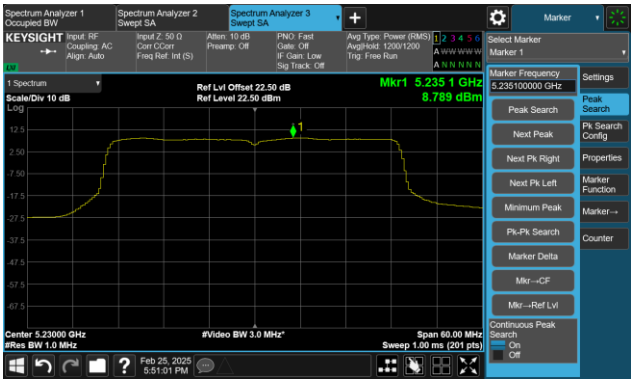
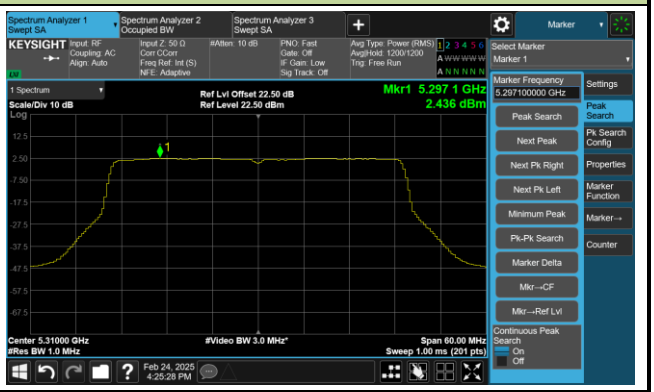
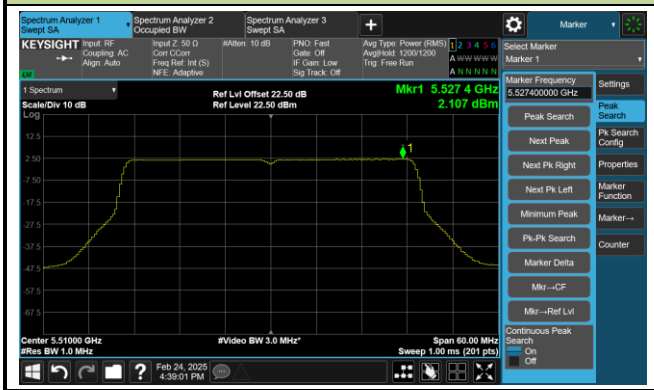
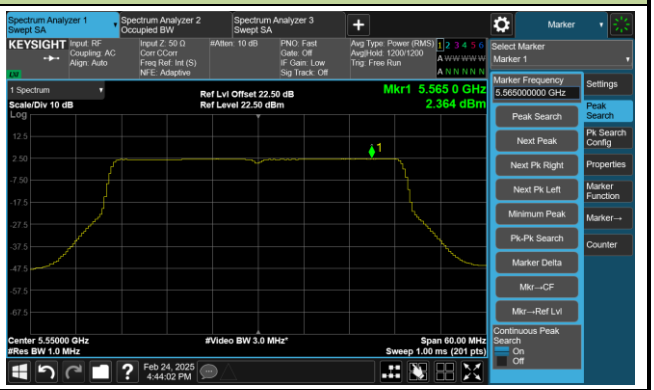
802.11ax-HE40 Power Spectral Density- Ant 3	
Channel 151 (5755MHz)	Channel 159 (5795MHz)
	

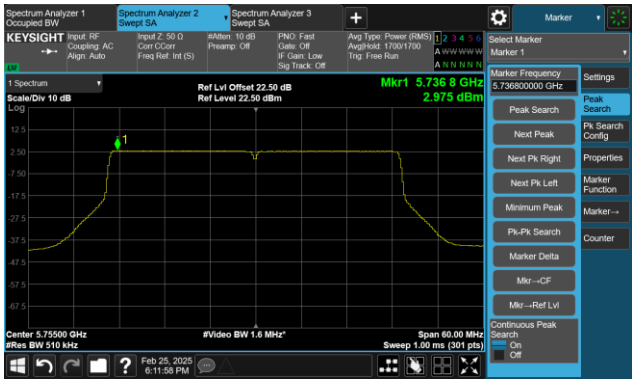
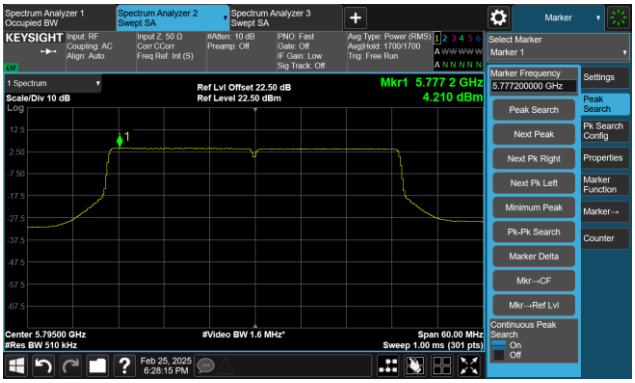
802.11ax-HE80 Power Spectral Density- Ant 3	
Channel 42 (5210MHz)	Channel 58 (5290MHz)
	
Channel 106 (5530MHz)	Channel 122 (5610MHz)
	
Channel 138 (5690MHz)	Channel 155 (5775MHz)
	

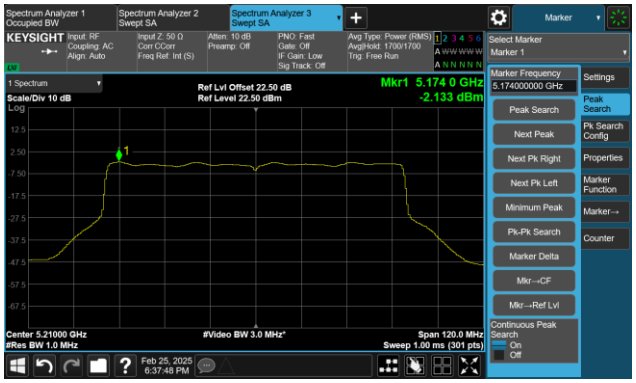
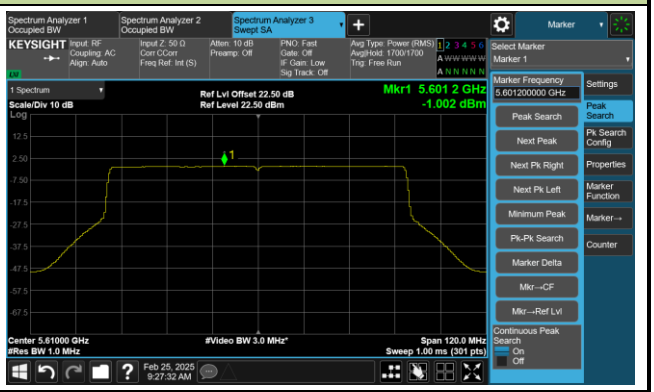
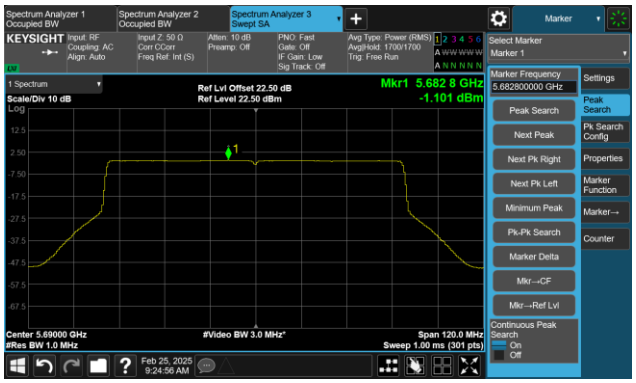
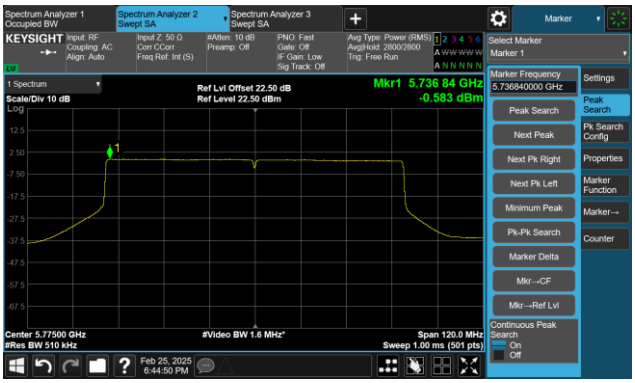
802.11ax-HE160 Power Spectral Density- Ant 3	
Channel 50 (5250MHz)	Channel 114 (5570MHz)
	

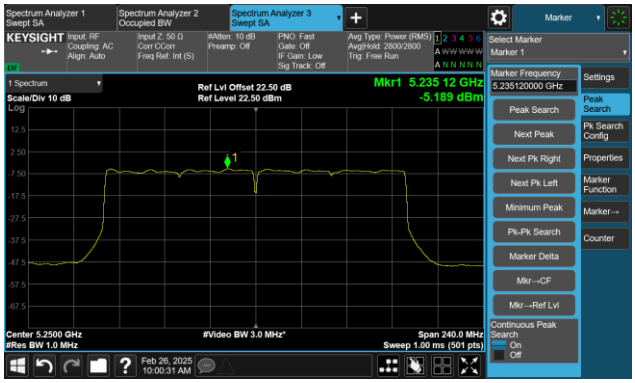
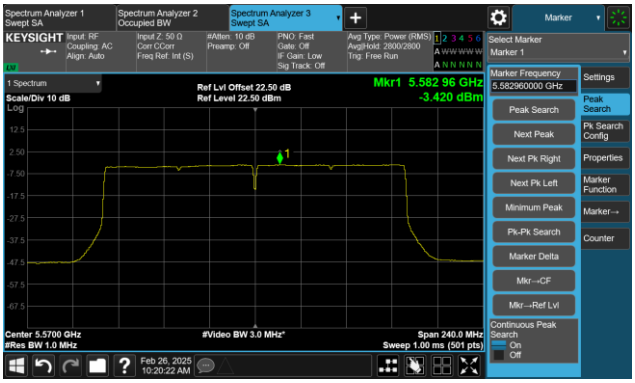
802.11be-EHT20 Power Spectral Density- Ant 3	
Channel 36 (5180MHz)	Channel 44 (5220MHz)
	
Channel 48 (5240MHz)	Channel 52 (5260MHz)
	
Channel 60 (5300MHz)	Channel 64 (5320MHz)
	
Channel 100 (5500MHz)	Channel 116 (5580MHz)
	

802.11be-EHT20 Power Spectral Density- Ant 3	
Channel 140 (5700MHz)	Channel 144(5720MHz)
	
Channel 149 (5745MHz)	Channel 157 (5785MHz)
	
Channel 165 (5825MHz)	
	

802.11be-EHT40 Power Spectral Density- Ant 3	
Channel 38 (5190MHz)	Channel 46 (5230MHz)
	
Channel 54 (5270MHz)	Channel 62 (5310MHz)
	
Channel 102 (5510MHz)	Channel 110 (5550MHz)
	
Channel 134 (5670MHz)	Channel 142(5710MHz)
	

802.11be-EHT40 Power Spectral Density- Ant 3	
Channel 151 (5755MHz)	Channel 159 (5795MHz)
	

802.11be-EHT80 Power Spectral Density- Ant 3	
Channel 42 (5210MHz)	Channel 58 (5290MHz)
	
Channel 106 (5530MHz)	Channel 122 (5610MHz)
	
Channel 138 (5690MHz)	Channel 155 (5775MHz)
	

802.11be-EHT160 Power Spectral Density- Ant 3	
Channel 50 (5250MHz)	Channel 114 (5570MHz)
	

A.6 Frequency Stability Test Result

Test Site	SIP-TR1	Test Engineer	Ryan Wang
Test Date	2025-03-13	Test Mode	5180MHz (Carrier Mode)

Voltage (%)	Power (VAC)	Temp (°C)	Frequency Tolerance (ppm)			
			0 minutes	2 minutes	5 minutes	10 minutes
100%	120	- 30	7.52	-6.07	-6.23	-6.24
		- 20	5.47	5.99	5.83	5.84
		- 10	-25.72	-25.30	-25.65	-25.53
		0	-0.43	-0.33	10.55	1.95
		+ 10	7.21	0.51	-0.14	-1.68
		+ 20	-15.42	-86.74	-13.07	-13.25
		+ 30	-4.26	-8.69	-16.09	-19.81
		+ 40	-20.87	-19.97	-19.64	-19.61
		+ 50	-10.87	-14.66	-14.19	-14.63
115%	138	+ 20	47.32	-19.74	-19.87	-20.14
85%	102	+ 20	-6.30	-6.16	-23.58	-12.83

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

A.7 Radiated Spurious Emission Test Result

Test Site	SIP-AC2	Test Engineer	Mero Zhou
Test Date	2025-03-10	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
	11332.6	41.9	8.1	50.0	74.0	-24.0	Peak	Horizontal
*	14552.4	40.0	11.7	51.7	68.2	-16.5	Peak	Horizontal
*	17054.8	40.3	12.9	53.2	68.2	-15.0	Peak	Horizontal
	17983.0	24.6	20.2	44.8	54.0	-9.2	Average	Horizontal
	17983.0	39.0	20.2	59.2	74.0	-14.8	Peak	Horizontal
	11070.8	41.9	7.6	49.5	74.0	-24.5	Peak	Vertical
*	14756.4	39.9	11.9	51.8	68.2	-16.4	Peak	Vertical
*	16922.2	39.8	13.1	52.9	68.2	-15.3	Peak	Vertical
	17989.8	24.6	20.6	45.2	54.0	-8.8	Average	Vertical
	17989.8	38.5	20.6	59.1	74.0	-14.9	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	SIP-AC2	Test Engineer	Mero Zhou
Test Date	2025-03-11	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
	8143.4	48.4	-1.6	46.8	74.0	-27.2	Peak	Horizontal
*	14319.5	46.3	4.7	51.0	68.2	-17.2	Peak	Horizontal
	15654.0	41.8	6.6	48.4	54.0	-5.6	Average	Horizontal
	15654.0	49.6	6.6	56.2	74.0	-17.8	Peak	Horizontal
*	17124.5	44.1	10.2	54.3	68.2	-13.9	Peak	Horizontal
	12282.9	47.5	0.6	48.1	74.0	-25.9	Peak	Vertical
*	14630.6	44.5	6.5	51.0	68.2	-17.2	Peak	Vertical
	15654.0	42.0	6.6	48.6	54.0	-5.4	Average	Vertical
	15654.0	50.2	6.6	56.8	74.0	-17.2	Peak	Vertical
*	17058.2	44.7	10.2	54.9	68.2	-13.3	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	SIP-AC2	Test Engineer	Mero Zhou
Test Date	2025-03-11	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
	12366.2	48.4	0.9	49.3	74.0	-24.7	Peak	Horizontal
*	13704.1	47.0	3.9	50.9	68.2	-17.3	Peak	Horizontal
	15727.1	41.9	7.4	49.3	54.0	-4.7	Average	Horizontal
	15727.1	49.5	7.4	56.9	74.0	-17.1	Peak	Horizontal
*	16951.1	44.8	9.6	54.4	68.2	-13.8	Peak	Horizontal
	11589.3	48.2	0.2	48.4	74.0	-25.6	Peak	Vertical
*	14797.2	45.0	6.4	51.4	68.2	-16.8	Peak	Vertical
	15711.8	42.4	7.9	50.3	54.0	-3.7	Average	Vertical
	15711.8	48.2	7.9	56.1	74.0	-17.9	Peak	Vertical
*	16906.9	44.9	9.5	54.4	68.2	-13.8	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	SIP-AC2	Test Engineer	Mero Zhou
Test Date	2025-03-10	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
	11184.7	42.5	7.5	50.0	74.0	-24.0	Peak	Horizontal
*	14783.6	40.7	12.0	52.7	68.2	-15.5	Peak	Horizontal
	15431.3	39.0	10.0	49.0	74.0	-25.0	Peak	Horizontal
*	16935.8	40.4	12.9	53.3	68.2	-14.9	Peak	Horizontal
	11393.8	41.1	8.1	49.2	74.0	-24.8	Peak	Vertical
*	14533.7	39.7	11.8	51.5	68.2	-16.7	Peak	Vertical
	15820.6	39.4	9.6	49.0	74.0	-25.0	Peak	Vertical
*	16927.3	39.2	13.1	52.3	68.2	-15.9	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	SIP-AC2	Test Engineer	Mero Zhou
Test Date	2025-03-10	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
	11312.2	42.3	7.4	49.7	74.0	-24.3	Peak	Horizontal
*	14807.4	40.2	12.6	52.8	68.2	-15.4	Peak	Horizontal
	15548.6	39.6	9.6	49.2	74.0	-24.8	Peak	Horizontal
*	16857.6	38.9	13.1	52.0	68.2	-16.2	Peak	Horizontal
	11473.7	42.1	7.9	50.0	74.0	-24.0	Peak	Vertical
*	14594.9	39.6	12.0	51.6	68.2	-16.6	Peak	Vertical
	15824.0	39.9	9.7	49.6	74.0	-24.4	Peak	Vertical
*	16857.6	39.3	13.1	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	SIP-AC2	Test Engineer	Mero Zhou
Test Date	2025-03-10	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
	11126.9	41.8	7.6	49.4	74.0	-24.6	Peak	Horizontal
*	14574.5	39.8	12.0	51.8	68.2	-16.4	Peak	Horizontal
	15434.7	38.8	10.1	48.9	74.0	-25.1	Peak	Horizontal
*	16871.2	38.4	13.4	51.8	68.2	-16.4	Peak	Horizontal
	11339.4	41.0	8.1	49.1	74.0	-24.9	Peak	Vertical
*	14804.0	38.7	12.9	51.6	68.2	-16.6	Peak	Vertical
	15426.2	39.8	9.4	49.2	74.0	-24.8	Peak	Vertical
*	16940.9	39.4	12.7	52.1	68.2	-16.1	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	SIP-AC2	Test Engineer	Mero Zhou
Test Date	2025-03-10	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
	11555.3	41.5	8.0	49.5	74.0	-24.5	Peak	Horizontal
*	14793.8	39.2	12.5	51.7	68.2	-16.5	Peak	Horizontal
	15424.5	39.6	9.2	48.8	74.0	-25.2	Peak	Horizontal
*	16872.9	38.9	13.5	52.4	68.2	-15.8	Peak	Horizontal
	11414.2	41.4	7.9	49.3	74.0	-24.7	Peak	Vertical
*	14855.0	39.6	12.0	51.6	68.2	-16.6	Peak	Vertical
	15856.3	39.8	9.2	49.0	74.0	-25.0	Peak	Vertical
*	16872.9	39.1	13.5	52.6	68.2	-15.6	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	SIP-AC2	Test Engineer	Mero Zhou
Test Date	2025-03-10	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
	11432.9	41.2	8.2	49.4	74.0	-24.6	Peak	Horizontal
*	14800.6	40.7	12.7	53.4	68.2	-14.8	Peak	Horizontal
	15388.8	39.0	9.8	48.8	74.0	-25.2	Peak	Horizontal
*	16952.8	39.5	12.8	52.3	68.2	-15.9	Peak	Horizontal
	11285.0	41.8	7.6	49.4	74.0	-24.6	Peak	Vertical
*	14780.2	40.2	11.8	52.0	68.2	-16.2	Peak	Vertical
	15468.7	39.5	9.8	49.3	74.0	-24.7	Peak	Vertical
*	16872.9	38.7	13.5	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	SIP-AC2	Test Engineer	Mero Zhou
Test Date	2025-03-10	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
	11426.1	41.6	8.1	49.7	74.0	-24.3	Peak	Horizontal
*	14793.8	40.8	12.5	53.3	68.2	-14.9	Peak	Horizontal
	15380.3	39.0	10.2	49.2	74.0	-24.8	Peak	Horizontal
*	16855.9	40.1	13.1	53.2	68.2	-15.0	Peak	Horizontal
	10990.9	42.4	7.2	49.6	74.0	-24.4	Peak	Vertical
*	14579.6	40.4	12.1	52.5	68.2	-15.7	Peak	Vertical
	15587.7	38.8	10.3	49.1	74.0	-24.9	Peak	Vertical
*	16869.5	39.1	13.4	52.5	68.2	-15.7	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	SIP-AC2	Test Engineer	Mero Zhou
Test Date	2025-03-10	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
	10980.7	42.1	7.5	49.6	74.0	-24.4	Peak	Horizontal
*	14594.9	39.4	12.0	51.4	68.2	-16.8	Peak	Horizontal
	15518.0	39.7	9.5	49.2	74.0	-24.8	Peak	Horizontal
*	16917.1	39.2	13.0	52.2	68.2	-16.0	Peak	Horizontal
	11446.5	41.5	8.1	49.6	74.0	-24.4	Peak	Vertical
*	14800.6	39.5	12.7	52.2	68.2	-16.0	Peak	Vertical
	16062.0	39.5	10.4	49.9	74.0	-24.1	Peak	Vertical
*	16842.3	39.8	12.4	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	SIP-AC2	Test Engineer	Mero Zhou
Test Date	2025-03-10	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
	11487.3	42.4	8.2	50.6	54.0	-3.4	Average	Horizontal
	11487.3	47.3	8.2	55.5	74.0	-18.5	Peak	Horizontal
*	14341.6	40.2	11.7	51.9	68.2	-16.3	Peak	Horizontal
	15584.3	39.2	10.3	49.5	74.0	-24.5	Peak	Horizontal
*	16874.6	38.7	13.5	52.2	68.2	-16.0	Peak	Horizontal
	11500.9	41.1	8.1	49.2	54.0	-4.8	Average	Vertical
	11500.9	47.1	8.1	55.2	74.0	-18.8	Peak	Vertical
*	14751.3	39.6	12.0	51.6	68.2	-16.6	Peak	Vertical
	15591.1	38.9	10.0	48.9	74.0	-25.1	Peak	Vertical
*	17231.6	44.0	11.7	55.7	68.2	-12.5	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	SIP-AC2	Test Engineer	Mero Zhou
Test Date	2025-03-10	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
	11572.3	42.2	7.8	50.0	54.0	-4.0	Average	Horizontal
	11572.3	47.3	7.8	55.1	74.0	-18.9	Peak	Horizontal
*	15181.4	40.4	11.5	51.9	68.2	-16.3	Peak	Horizontal
	15798.5	40.0	8.9	48.9	74.0	-25.1	Peak	Horizontal
*	17354.0	40.6	13.6	54.2	68.2	-14.0	Peak	Horizontal
	11567.2	40.6	7.8	48.4	54.0	-5.6	Average	Vertical
	11567.2	49.8	7.8	57.6	74.0	-16.4	Peak	Vertical
*	14855.0	41.1	12.0	53.1	68.2	-15.1	Peak	Vertical
	15434.7	39.4	10.1	49.5	74.0	-24.5	Peak	Vertical
*	16946.0	39.9	12.5	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	SIP-AC2	Test Engineer	Mero Zhou
Test Date	2025-03-10	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
	11647.1	43.8	7.9	51.7	54.0	-2.3	Average	Horizontal
	11647.1	49.0	7.9	56.9	74.0	-17.1	Peak	Horizontal
*	14802.3	41.0	12.8	53.8	68.2	-14.4	Peak	Horizontal
	15439.8	40.9	9.8	50.7	74.0	-23.3	Peak	Horizontal
*	16923.9	42.0	13.1	55.1	68.2	-13.1	Peak	Horizontal
	11648.8	45.1	7.9	53.0	54.0	-1.0	Average	Vertical
	11648.8	52.2	7.9	60.1	74.0	-13.9	Peak	Vertical
*	14785.3	41.8	12.1	53.9	68.2	-14.3	Peak	Vertical
	15672.7	41.5	9.4	50.9	74.0	-23.1	Peak	Vertical
*	16867.8	41.9	13.4	55.3	68.2	-12.9	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	SIP-AC3	Test Engineer	Justin Guo
Test Date	2025-03-10	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
	8165.5	48.2	-1.5	46.7	74.0	-27.3	Peak	Horizontal
	11694.7	48.1	0.3	48.4	74.0	-25.6	Peak	Horizontal
*	13603.8	46.6	3.8	50.4	68.2	-17.8	Peak	Horizontal
*	17053.1	44.1	10.3	54.4	68.2	-13.8	Peak	Horizontal
	8117.9	48.4	-1.6	46.8	74.0	-27.2	Peak	Vertical
	12333.9	47.4	1.0	48.4	74.0	-25.6	Peak	Vertical
*	14647.6	44.6	6.4	51.0	68.2	-17.2	Peak	Vertical
*	17105.8	43.9	10.1	54.0	68.2	-14.2	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	SIP-AC3	Test Engineer	Justin Guo
Test Date	2025-03-10	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
	11597.8	47.9	0.1	48.0	74.0	-26.0	Peak	Horizontal
*	14873.7	45.3	6.5	51.8	68.2	-16.4	Peak	Horizontal
	15669.3	41.6	7.0	48.6	54.0	-5.4	Average	Horizontal
	15669.3	49.4	7.0	56.4	74.0	-17.6	Peak	Horizontal
*	17087.1	44.7	9.7	54.4	68.2	-13.8	Peak	Horizontal
	12599.1	47.8	0.9	48.7	74.0	-25.3	Peak	Vertical
*	14865.2	45.2	6.6	51.8	68.2	-16.4	Peak	Vertical
	15652.3	41.9	6.6	48.5	54.0	-5.5	Average	Vertical
	15652.3	49.0	6.6	55.6	74.0	-18.4	Peak	Vertical
*	17252.0	44.2	10.0	54.2	68.2	-14.0	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Justin Guo
Test Date	2025-03-10	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
	11701.5	49.3	0.2	49.5	74.0	-24.5	Peak	Horizontal
*	14890.7	45.3	6.1	51.4	68.2	-16.8	Peak	Horizontal
	15710.1	41.1	8.0	49.1	54.0	-4.9	Average	Horizontal
	15710.1	49.8	8.0	57.8	74.0	-16.2	Peak	Horizontal
*	17042.9	44.4	10.1	54.5	68.2	-13.7	Peak	Horizontal
	11812.0	48.1	0.1	48.2	74.0	-25.8	Peak	Vertical
*	14421.5	45.4	5.9	51.3	68.2	-16.9	Peak	Vertical
	15711.8	42.0	7.9	49.9	54.0	-4.1	Average	Vertical
	15711.8	48.6	7.9	56.5	74.0	-17.5	Peak	Vertical
*	16981.7	45.0	10.0	55.0	68.2	-13.2	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	SIP-AC3	Test Engineer	Justin Guo
Test Date	2025-03-10	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
	11120.1	47.2	0.3	47.5	74.0	-26.5	Peak	Horizontal
	12167.3	47.6	0.6	48.2	74.0	-25.8	Peak	Horizontal
*	14741.1	45.2	6.6	51.8	68.2	-16.4	Peak	Horizontal
*	16969.8	44.2	9.9	54.1	68.2	-14.1	Peak	Horizontal
	11545.1	47.7	0.2	47.9	74.0	-26.1	Peak	Vertical
	12376.4	47.5	0.8	48.3	74.0	-25.7	Peak	Vertical
*	14423.2	45.1	5.9	51.0	68.2	-17.2	Peak	Vertical
*	17015.7	45.0	9.8	54.8	68.2	-13.4	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	SIP-AC3	Test Engineer	Justin Guo
Test Date	2025-03-10	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
	11551.9	47.9	0.3	48.2	74.0	-25.8	Peak	Horizontal
	12255.7	47.5	0.9	48.4	74.0	-25.6	Peak	Horizontal
*	14713.9	44.6	6.6	51.2	68.2	-17.0	Peak	Horizontal
*	16981.7	43.6	10.0	53.6	68.2	-14.6	Peak	Horizontal
	11873.2	48.9	0.0	48.9	74.0	-25.1	Peak	Vertical
	12259.1	47.8	0.8	48.6	74.0	-25.4	Peak	Vertical
*	14793.8	44.9	6.5	51.4	68.2	-16.8	Peak	Vertical
*	16981.7	44.2	10.0	54.2	68.2	-14.0	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Justin Guo
Test Date	2025-03-10	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
	10922.9	47.3	0.1	47.4	74.0	-26.6	Peak	Horizontal
	12250.6	47.4	0.8	48.2	74.0	-25.8	Peak	Horizontal
*	14873.7	44.9	6.5	51.4	68.2	-16.8	Peak	Horizontal
*	17127.9	44.1	10.1	54.2	68.2	-14.0	Peak	Horizontal
	11149.0	48.2	0.2	48.4	74.0	-25.6	Peak	Vertical
	12362.8	47.6	0.9	48.5	74.0	-25.5	Peak	Vertical
*	14628.9	44.9	6.4	51.3	68.2	-16.9	Peak	Vertical
*	16961.3	44.7	9.8	54.5	68.2	-13.7	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	SIP-AC3	Test Engineer	Justin Guo
Test Date	2025-03-10	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
	11138.8	47.6	0.3	47.9	74.0	-26.1	Peak	Horizontal
	12342.4	48.2	1.0	49.2	74.0	-24.8	Peak	Horizontal
*	14870.3	44.8	6.6	51.4	68.2	-16.8	Peak	Horizontal
*	16828.7	45.5	9.4	54.9	68.2	-13.3	Peak	Horizontal
	11062.3	47.2	0.3	47.5	74.0	-26.5	Peak	Vertical
	11806.9	48.5	0.2	48.7	74.0	-25.3	Peak	Vertical
*	14559.2	44.6	6.5	51.1	68.2	-17.1	Peak	Vertical
*	16905.2	44.8	9.4	54.2	68.2	-14.0	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Justin Guo
Test Date	2025-03-10	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
	10724.0	47.6	0.1	47.7	74.0	-26.3	Peak	Horizontal
	11460.1	48.6	0.2	48.8	74.0	-25.2	Peak	Horizontal
*	13546.0	47.7	3.6	51.3	68.2	-16.9	Peak	Horizontal
*	17010.6	44.6	9.8	54.4	68.2	-13.8	Peak	Horizontal
	11239.1	47.6	0.2	47.8	74.0	-26.2	Peak	Vertical
	12381.5	47.2	0.8	48.0	74.0	-26.0	Peak	Vertical
*	14790.4	44.8	6.5	51.3	68.2	-16.9	Peak	Vertical
*	16901.8	45.7	9.4	55.1	68.2	-13.1	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	SIP-AC3	Test Engineer	Justin Guo
Test Date	2025-03-10	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
	11526.4	48.0	0.1	48.1	74.0	-25.9	Peak	Horizontal
	12284.6	47.6	0.6	48.2	74.0	-25.8	Peak	Horizontal
*	14826.1	45.0	6.3	51.3	68.2	-16.9	Peak	Horizontal
*	16954.5	44.5	9.7	54.2	68.2	-14.0	Peak	Horizontal
	11499.2	49.4	0.1	49.5	74.0	-24.5	Peak	Vertical
	12170.7	47.7	0.6	48.3	74.0	-25.7	Peak	Vertical
*	14237.9	47.1	4.4	51.5	68.2	-16.7	Peak	Vertical
*	17059.9	44.4	10.1	54.5	68.2	-13.7	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	SIP-AC3	Test Engineer	Justin Guo
Test Date	2025-03-10	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
	11478.8	47.7	0.2	47.9	74.0	-26.1	Peak	Horizontal
	12255.7	47.6	0.9	48.5	74.0	-25.5	Peak	Horizontal
*	14382.4	46.3	5.2	51.5	68.2	-16.7	Peak	Horizontal
*	17126.2	44.0	10.1	54.1	68.2	-14.1	Peak	Horizontal
	11531.5	47.4	0.1	47.5	74.0	-26.5	Peak	Vertical
	12262.5	47.6	0.8	48.4	74.0	-25.6	Peak	Vertical
*	14860.1	44.5	6.6	51.1	68.2	-17.1	Peak	Vertical
*	17053.1	44.6	10.3	54.9	68.2	-13.3	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	SIP-AC3	Test Engineer	Justin Guo
Test Date	2025-03-10	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
	11492.4	45.2	0.1	45.3	54.0	-8.7	Average	Horizontal
	11492.4	53.6	0.1	53.7	74.0	-20.3	Peak	Horizontal
	12279.5	47.5	0.6	48.1	74.0	-25.9	Peak	Horizontal
*	14421.5	45.3	5.9	51.2	68.2	-17.0	Peak	Horizontal
*	17099.0	44.4	9.9	54.3	68.2	-13.9	Peak	Horizontal
	11483.9	45.9	0.1	46.0	54.0	-8.0	Average	Vertical
	11483.9	53.6	0.1	53.7	74.0	-20.3	Peak	Vertical
	12350.9	47.7	0.9	48.6	74.0	-25.4	Peak	Vertical
*	14926.4	45.0	6.4	51.4	68.2	-16.8	Peak	Vertical
*	16981.7	44.7	10.0	54.7	68.2	-13.5	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	SIP-AC3	Test Engineer	Justin Guo
Test Date	2025-03-10	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
	11570.6	43.8	0.4	44.2	54.0	-9.8	Average	Horizontal
	11570.6	52.4	0.4	52.8	74.0	-21.2	Peak	Horizontal
	12248.9	47.1	0.8	47.9	74.0	-26.1	Peak	Horizontal
*	14860.1	44.5	6.6	51.1	68.2	-17.1	Peak	Horizontal
*	17046.3	44.0	10.3	54.3	68.2	-13.9	Peak	Horizontal
	11572.3	44.8	0.4	45.2	54.0	-8.8	Average	Vertical
	11572.3	52.6	0.4	53.0	74.0	-21.0	Peak	Vertical
	12534.5	47.0	0.9	47.9	74.0	-26.1	Peak	Vertical
*	14839.7	44.5	6.4	50.9	68.2	-17.3	Peak	Vertical
*	17133.0	44.5	10.0	54.5	68.2	-13.7	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	SIP-AC3	Test Engineer	Justin Guo
Test Date	2025-03-10	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
	11647.1	48.5	0.4	48.9	54.0	-5.1	Average	Horizontal
	11647.1	55.6	0.4	56.0	74.0	-18.0	Peak	Horizontal
	12262.5	47.6	0.8	48.4	74.0	-25.6	Peak	Horizontal
*	14836.3	45.8	6.3	52.1	68.2	-16.1	Peak	Horizontal
*	17473.0	46.8	8.8	55.6	68.2	-12.6	Peak	Horizontal
	11653.9	48.8	0.3	49.1	54.0	-4.9	Average	Vertical
	11653.9	55.5	0.3	55.8	74.0	-18.2	Peak	Vertical
	12257.4	47.6	0.8	48.4	74.0	-25.6	Peak	Vertical
*	14849.9	44.9	6.6	51.5	68.2	-16.7	Peak	Vertical
*	17471.3	46.4	8.8	55.2	68.2	-13.0	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	SIP-AC3	Test Engineer	Justin Guo
Test Date	2025-03-10	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
	11249.3	47.8	0.3	48.1	74.0	-25.9	Peak	Horizontal
	12303.3	47.8	0.6	48.4	74.0	-25.6	Peak	Horizontal
*	14652.7	45.0	6.4	51.4	68.2	-16.8	Peak	Horizontal
*	16974.9	44.8	10.0	54.8	68.2	-13.4	Peak	Horizontal
	11368.3	47.6	0.3	47.9	74.0	-26.1	Peak	Vertical
	12177.5	47.7	0.5	48.2	74.0	-25.8	Peak	Vertical
*	14691.8	44.5	6.5	51.0	68.2	-17.2	Peak	Vertical
*	17326.8	45.4	9.7	55.1	68.2	-13.1	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	SIP-AC3	Test Engineer	Justin Guo
Test Date	2025-03-10	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
	12323.7	48.2	0.9	49.1	74.0	-24.9	Peak	Horizontal
*	14635.7	44.5	6.5	51.0	68.2	-17.2	Peak	Horizontal
	15703.3	40.7	8.1	48.8	54.0	-5.2	Average	Horizontal
	15703.3	40.0	8.1	48.1	74.0	-25.9	Peak	Horizontal
*	17061.6	43.9	10.1	54.0	68.2	-14.2	Peak	Horizontal
	11630.1	47.9	0.2	48.1	74.0	-25.9	Peak	Vertical
*	13656.5	47.5	3.8	51.3	68.2	-16.9	Peak	Vertical
	15703.3	41.1	8.1	49.2	54.0	-4.8	Average	Vertical
	15703.3	49.2	8.1	57.3	74.0	-16.7	Peak	Vertical
*	16998.7	44.8	9.6	54.4	68.2	-13.8	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	SIP-AC3	Test Engineer	Justin Guo
Test Date	2025-03-10	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
	11444.8	48.3	0.1	48.4	74.0	-25.6	Peak	Horizontal
	12310.1	48.3	0.7	49.0	74.0	-25.0	Peak	Horizontal
*	14788.7	44.8	6.5	51.3	68.2	-16.9	Peak	Horizontal
*	16889.9	44.7	9.2	53.9	68.2	-14.3	Peak	Horizontal
	10994.3	47.4	0.0	47.4	74.0	-26.6	Peak	Vertical
	11817.1	48.0	0.1	48.1	74.0	-25.9	Peak	Vertical
*	14797.2	44.6	6.4	51.0	68.2	-17.2	Peak	Vertical
*	17010.6	44.8	9.8	54.6	68.2	-13.6	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Justin Guo
Test Date	2025-03-10	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
	10615.2	48.9	0.0	48.9	74.0	-25.1	Peak	Horizontal
	12318.6	47.7	0.8	48.5	74.0	-25.5	Peak	Horizontal
*	13666.7	46.7	4.1	50.8	68.2	-17.4	Peak	Horizontal
*	14866.9	44.8	6.6	51.4	68.2	-16.8	Peak	Horizontal
	11123.5	48.4	0.3	48.7	74.0	-25.3	Peak	Vertical
	12417.2	47.0	0.9	47.9	74.0	-26.1	Peak	Vertical
*	13665.0	46.7	4.1	50.8	68.2	-17.4	Peak	Vertical
*	16905.2	44.4	9.4	53.8	68.2	-14.4	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	SIP-AC3	Test Engineer	Justin Guo
Test Date	2025-03-10	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
	11019.8	49.8	0.0	49.8	74.0	-24.2	Peak	Horizontal
	11652.2	48.1	0.3	48.4	74.0	-25.6	Peak	Horizontal
*	14632.3	45.4	6.5	51.9	68.2	-16.3	Peak	Horizontal
*	17053.1	44.7	10.3	55.0	68.2	-13.2	Peak	Horizontal
	10877.0	47.4	0.1	47.5	74.0	-26.5	Peak	Vertical
	12344.1	47.4	1.0	48.4	74.0	-25.6	Peak	Vertical
*	14407.9	45.6	5.9	51.5	68.2	-16.7	Peak	Vertical
*	16997.0	45.4	9.6	55.0	68.2	-13.2	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	SIP-AC3	Test Engineer	Justin Guo
Test Date	2025-03-10	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
	11069.1	48.9	0.2	49.1	74.0	-24.9	Peak	Horizontal
	12272.7	47.8	0.7	48.5	74.0	-25.5	Peak	Horizontal
*	14858.4	44.9	6.7	51.6	68.2	-16.6	Peak	Horizontal
*	16935.8	44.9	9.4	54.3	68.2	-13.9	Peak	Horizontal
	11242.5	47.7	0.2	47.9	74.0	-26.1	Peak	Vertical
	12461.4	46.9	1.4	48.3	74.0	-25.7	Peak	Vertical
*	14423.2	45.0	5.9	50.9	68.2	-17.3	Peak	Vertical
*	16993.6	44.4	9.7	54.1	68.2	-14.1	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)