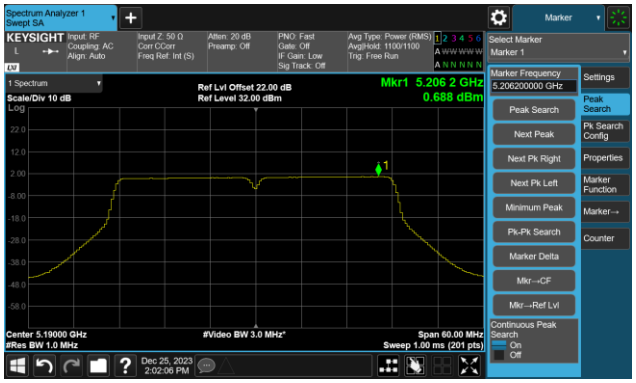
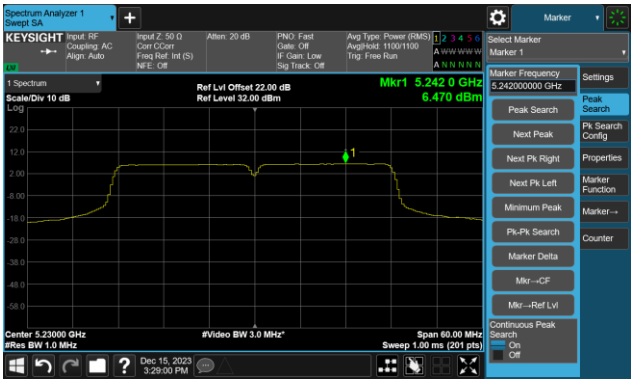
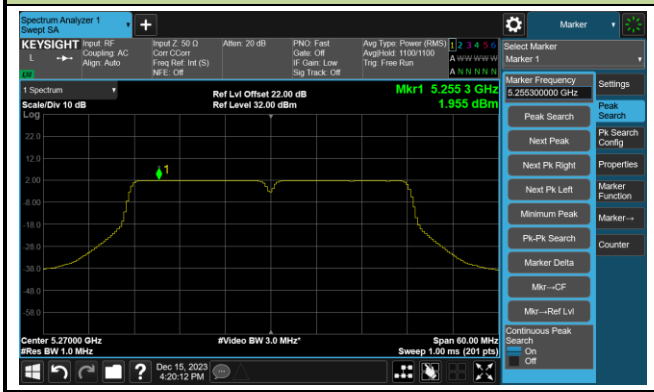
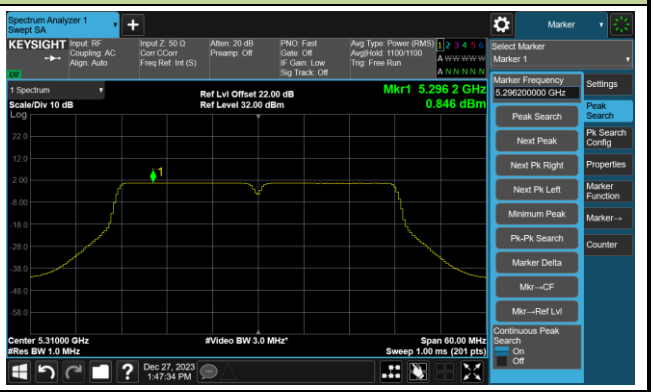
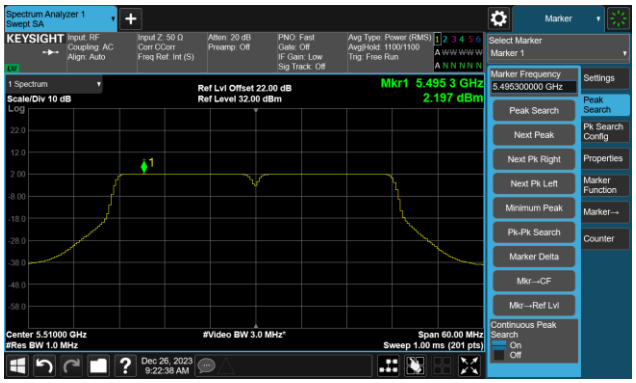
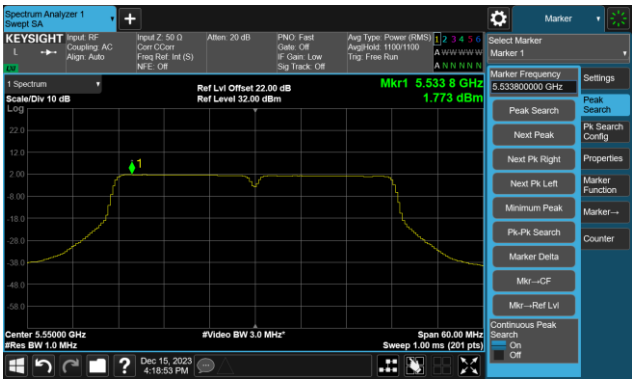
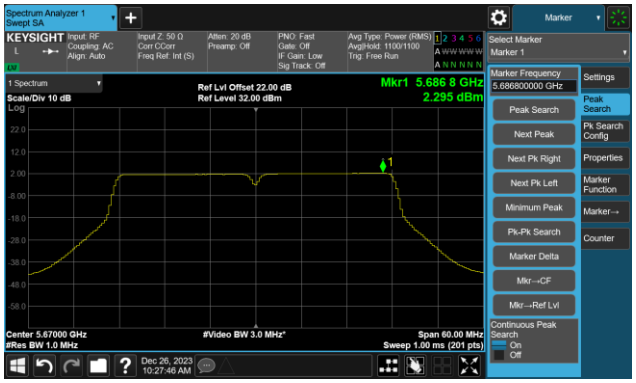
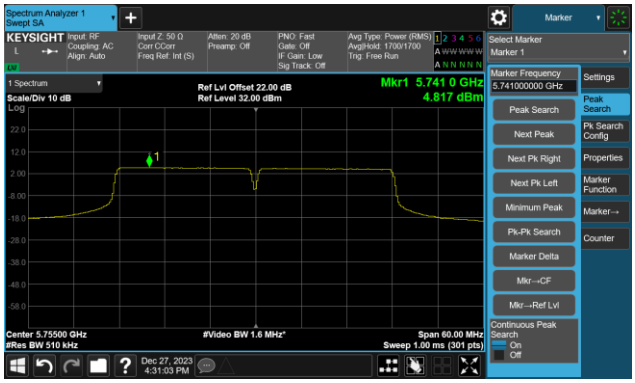
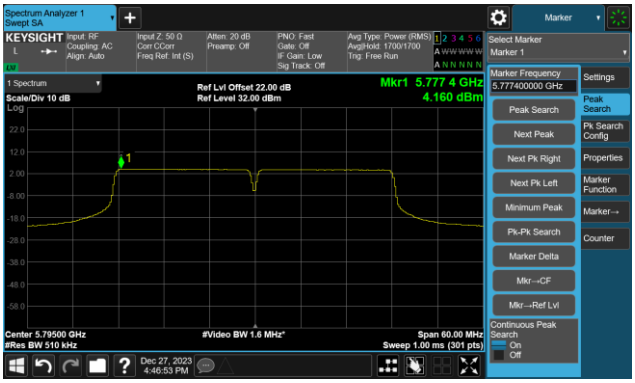
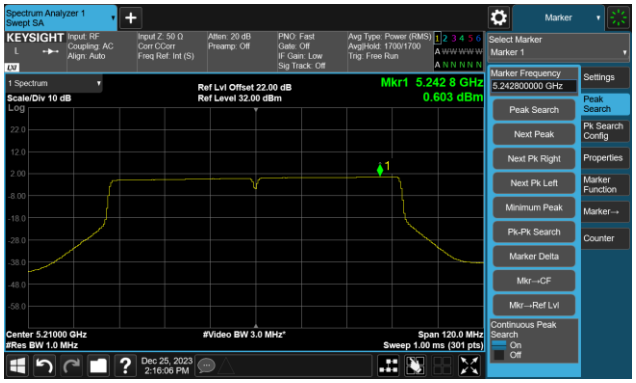
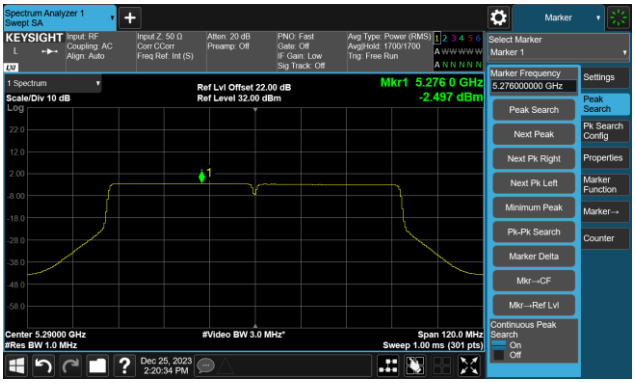
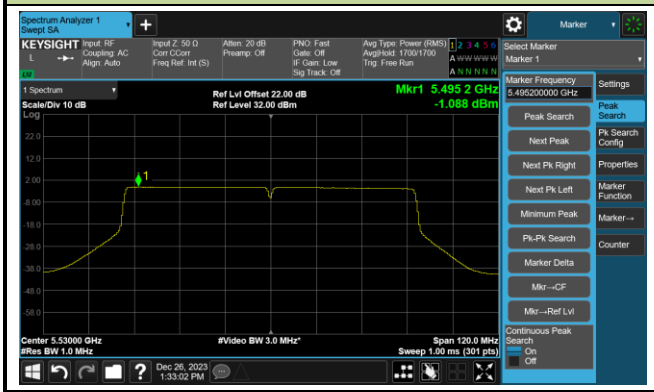
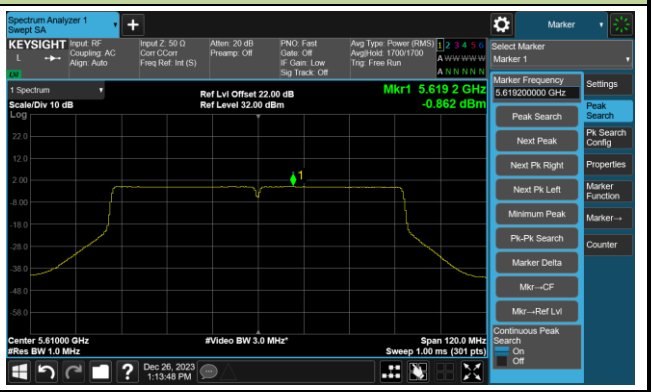
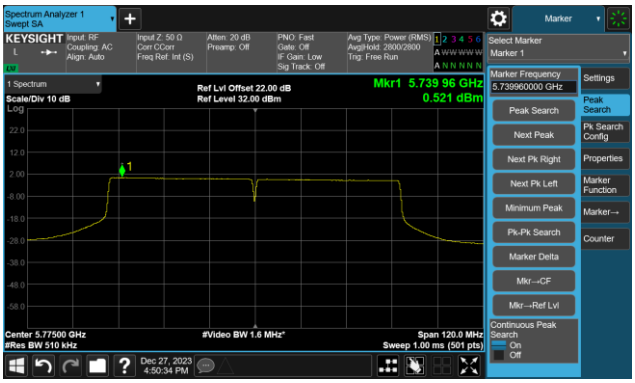
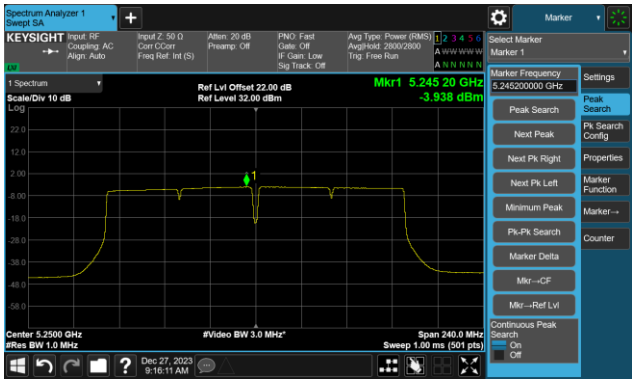
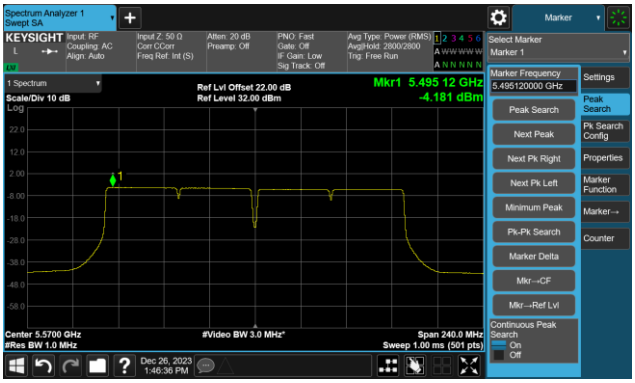
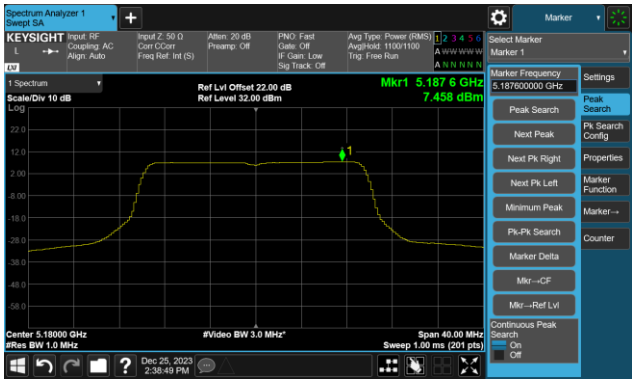
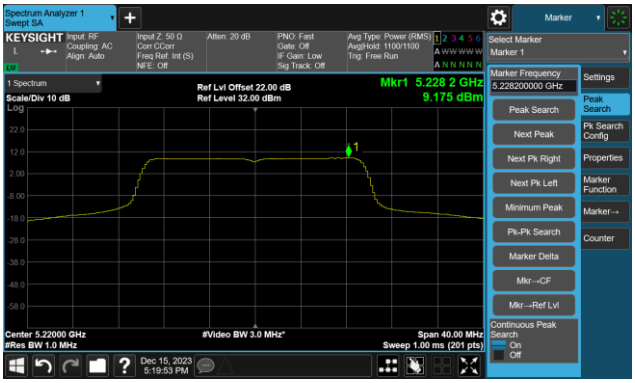
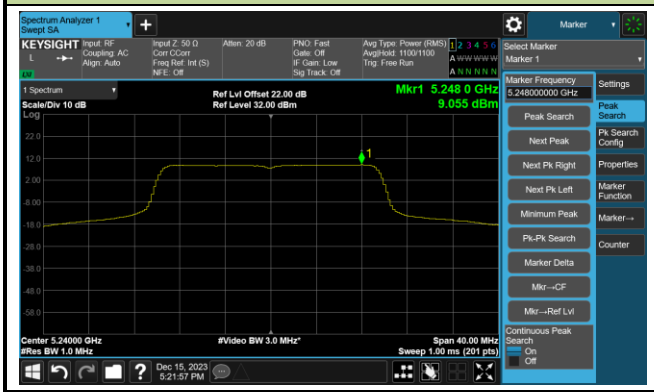
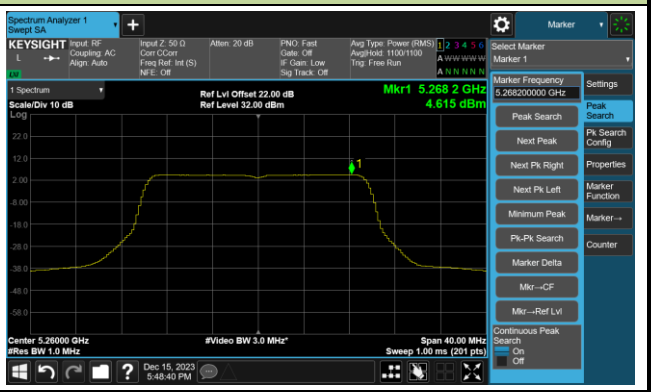
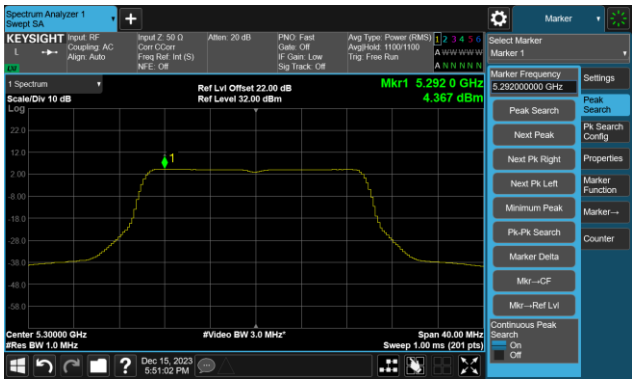
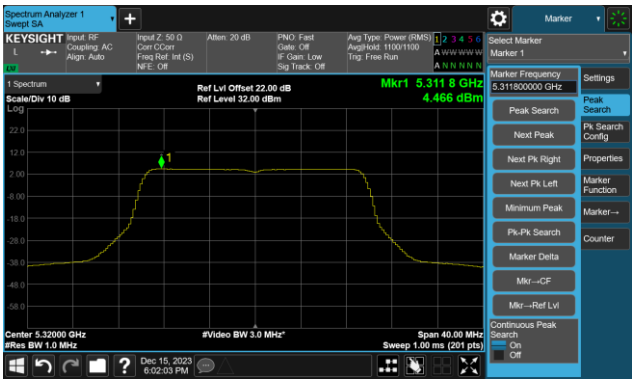
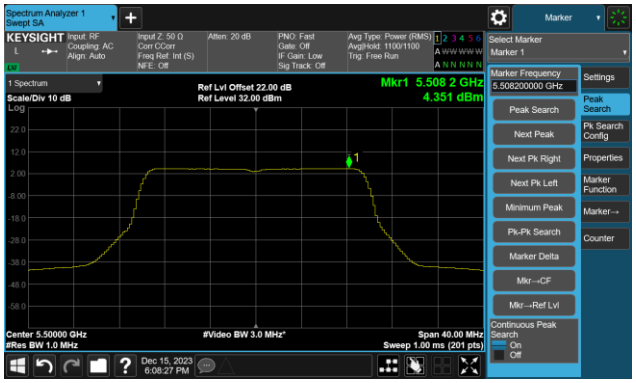
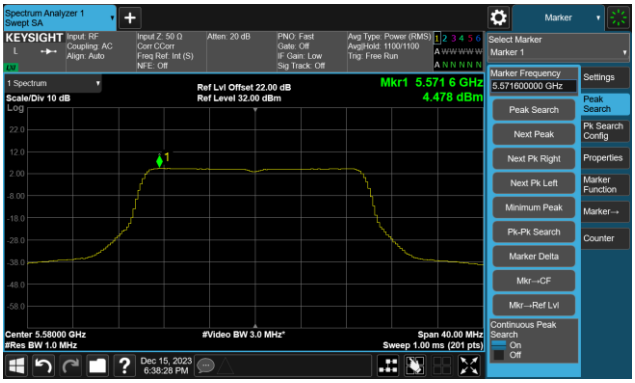
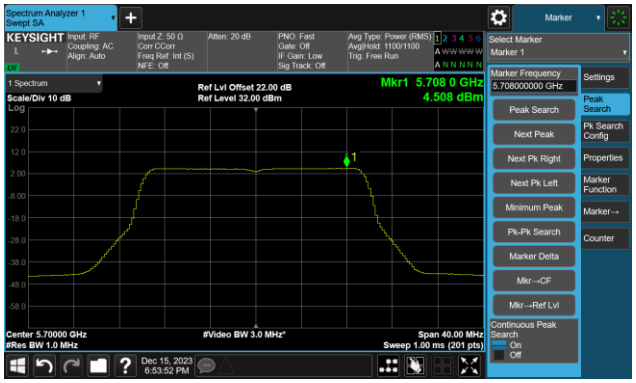
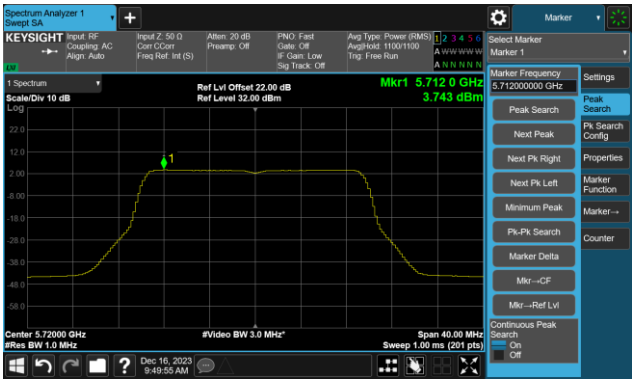
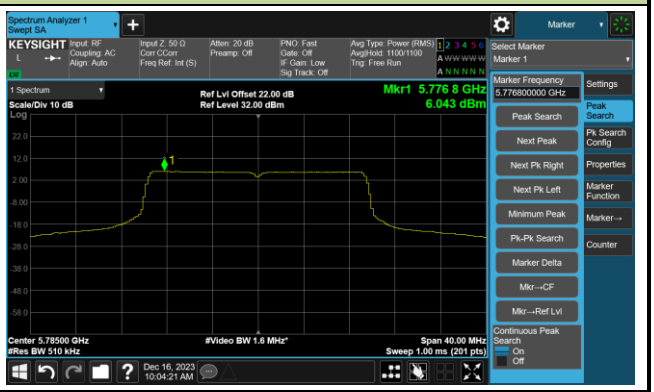
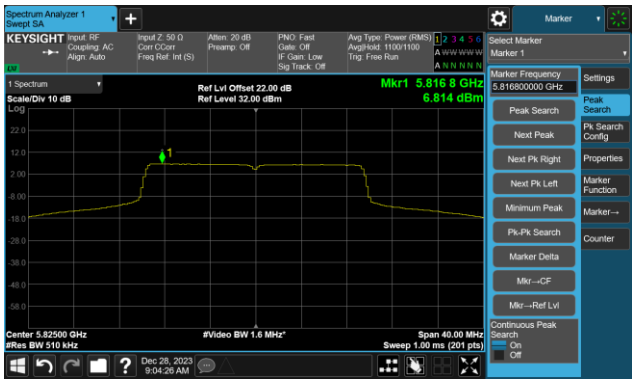
802.11ac-VHT40 Power Spectral Density- Ant 3	
Channel 38 (5190MHz)	Channel 46 (5230MHz)
	
Channel 54 (5270MHz)	Channel 62 (5310MHz)
	
Channel 102 (5510MHz)	Channel 110 (5550MHz)
	
Channel 134 (5670MHz)	Channel 142(5710MHz)
	

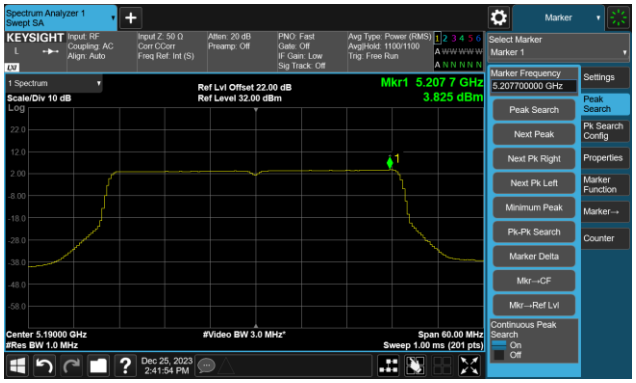
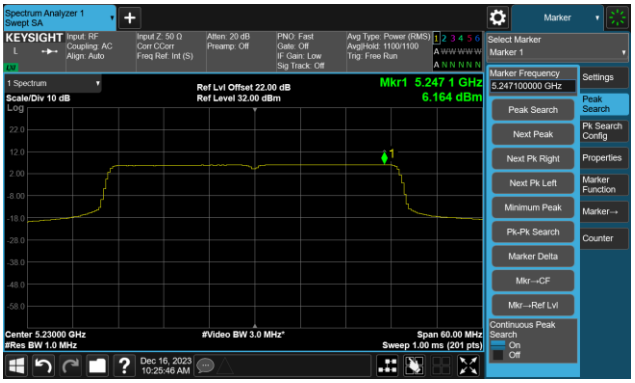
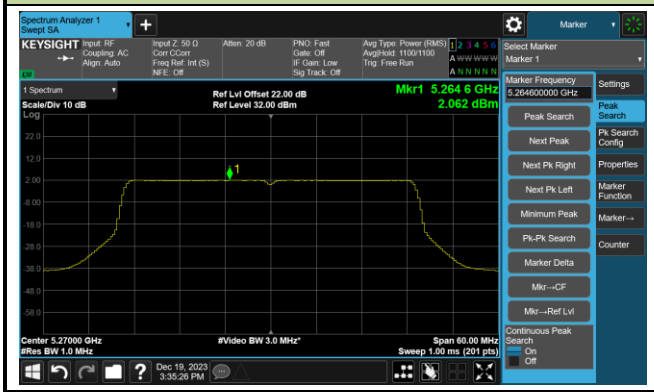
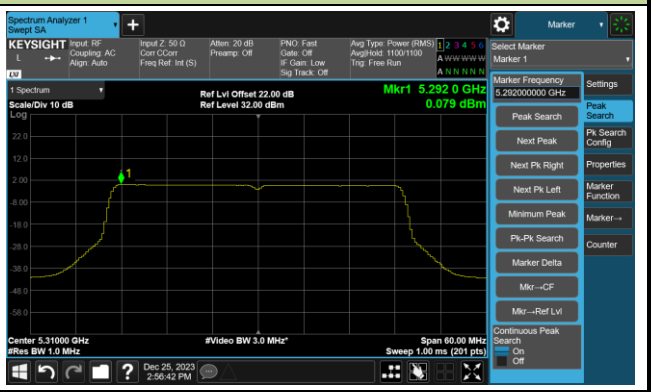
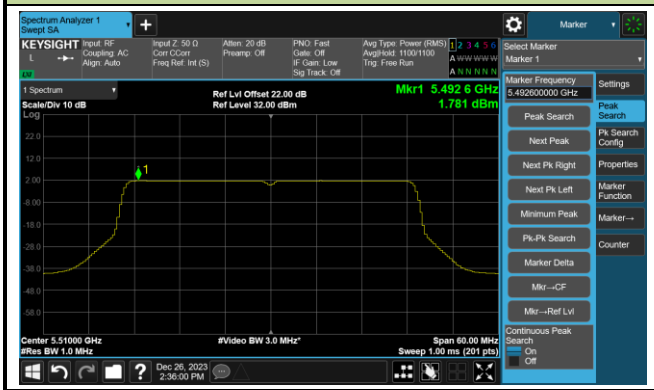
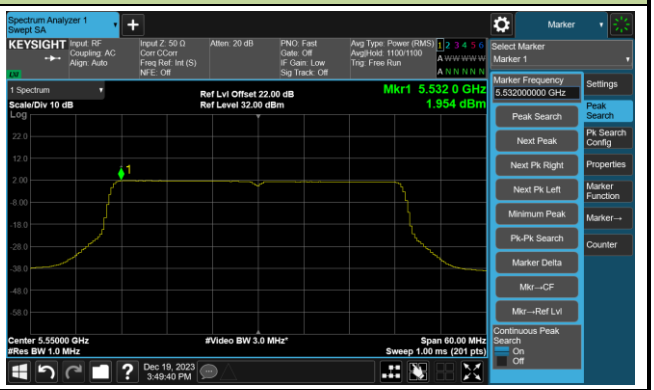
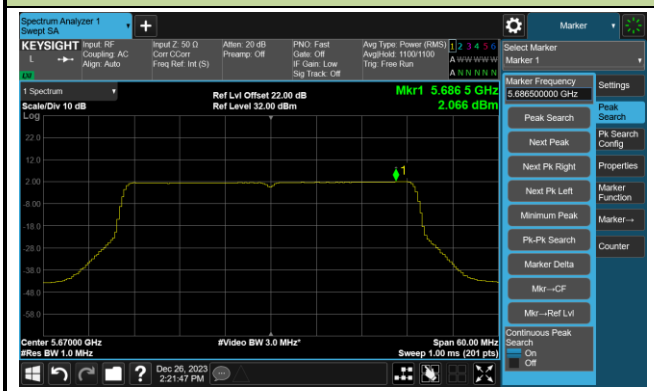
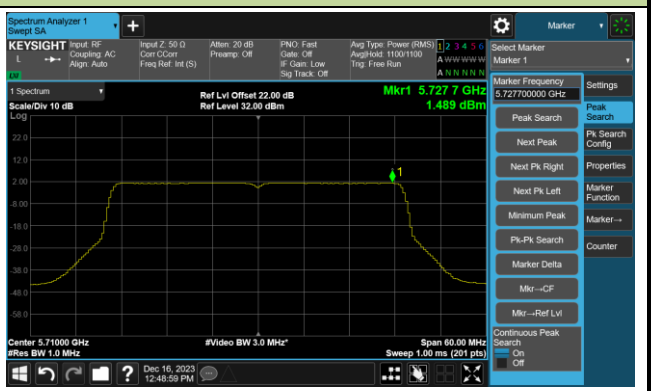
802.11ac-VHT40 Power Spectral Density- Ant 3	
Channel 151 (5755MHz)	Channel 159 (5795MHz)
	

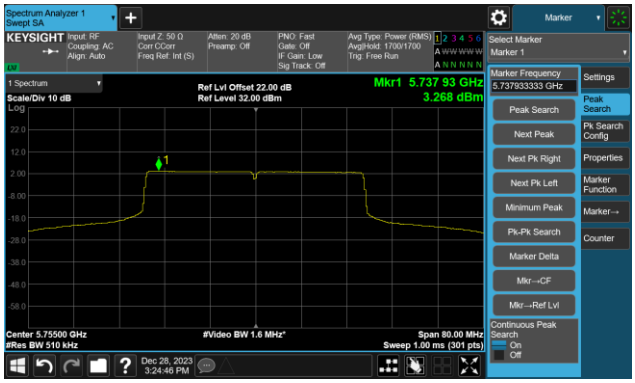
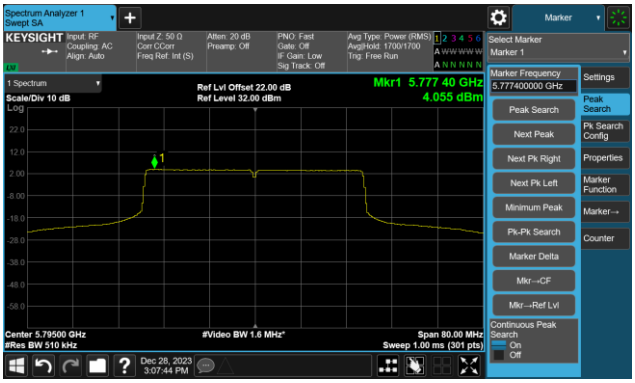
802.11ac-VHT80 Power Spectral Density- Ant 3	
Channel 42 (5210MHz)	Channel 58 (5290MHz)
	
Channel 106 (5530MHz)	Channel 122 (5610MHz)
	
Channel 138 (5690MHz)	Channel 155 (5775MHz)
	

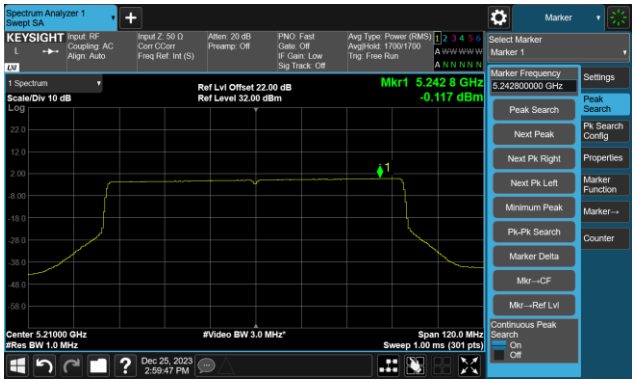
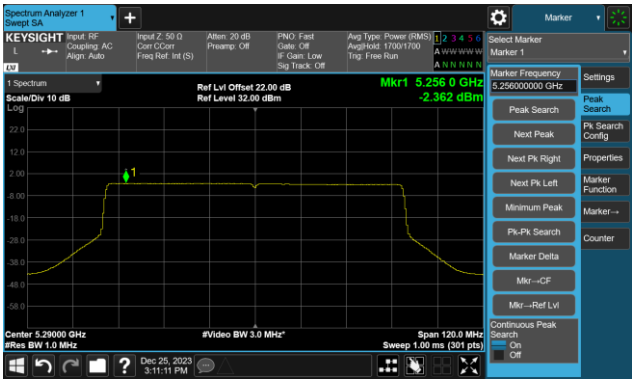
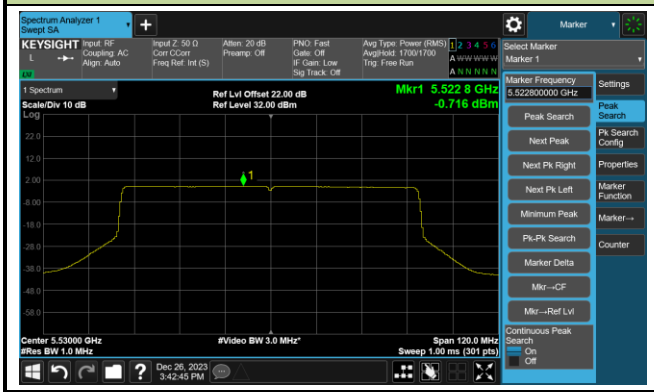
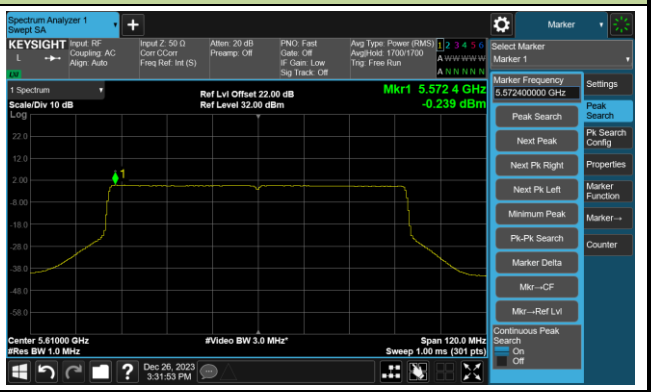
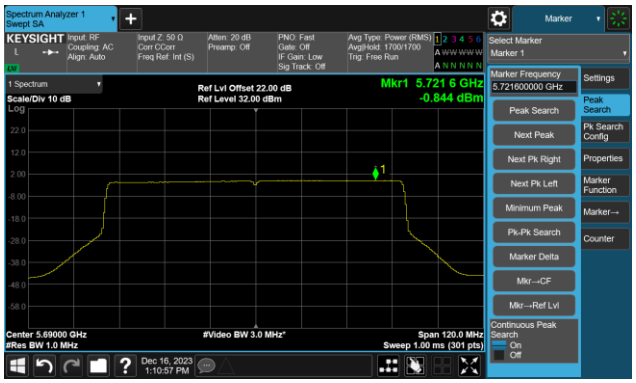
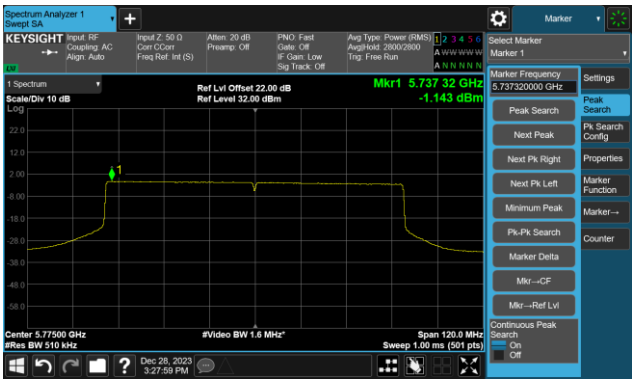
802.11ac-VHT160 Power Spectral Density- Ant 3	
Channel 50 (5250MHz)	Channel 114 (5570MHz)
	

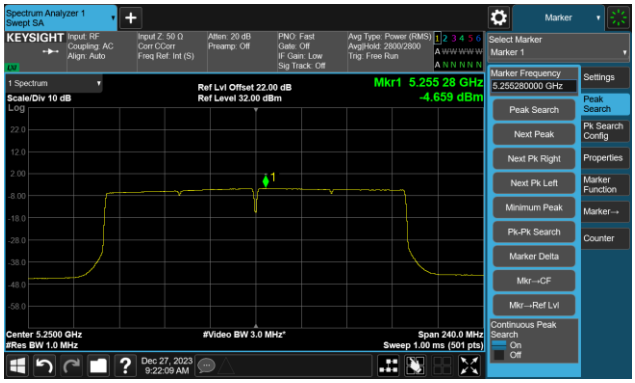
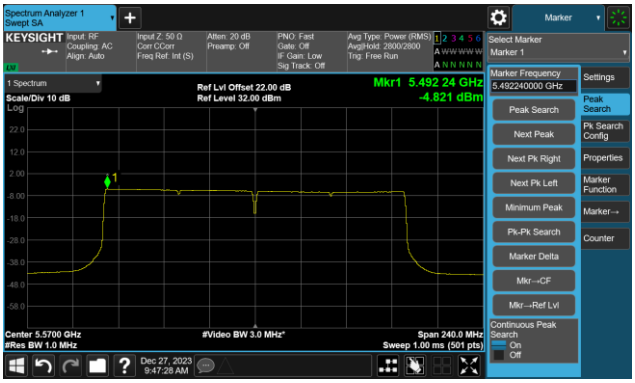
802.11ax-HE20 Power Spectral Density- Ant 3	
Channel 36 (5180MHz)	Channel 44 (5220MHz)
	
Channel 48 (5240MHz)	Channel 52 (5260MHz)
	
Channel 60 (5300MHz)	Channel 64 (5320MHz)
	
Channel 100 (5500MHz)	Channel 116 (5580MHz)
	

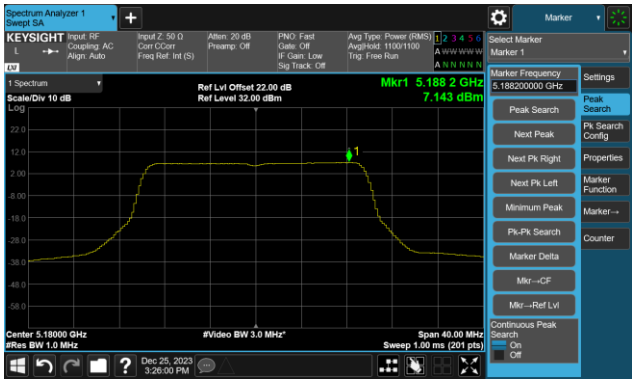
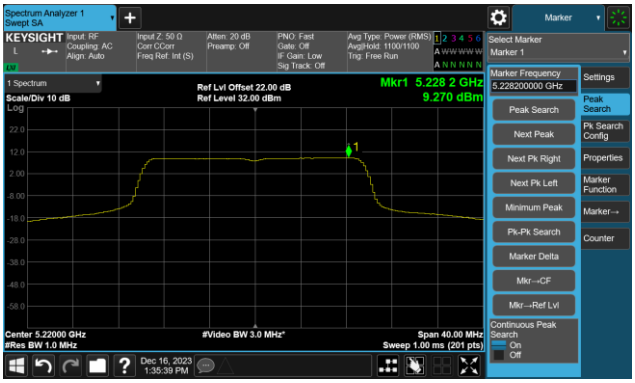
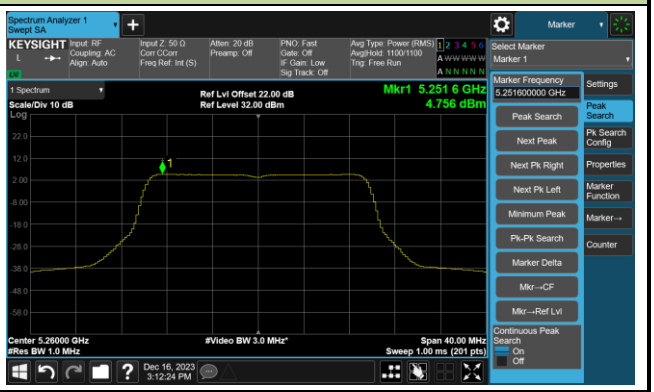
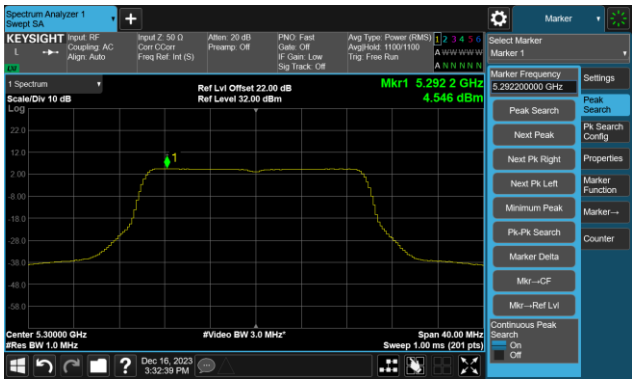
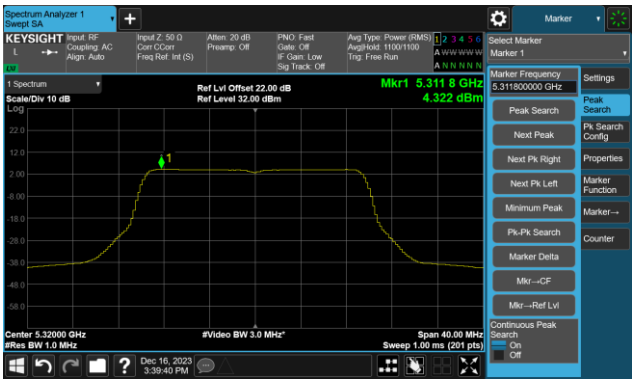
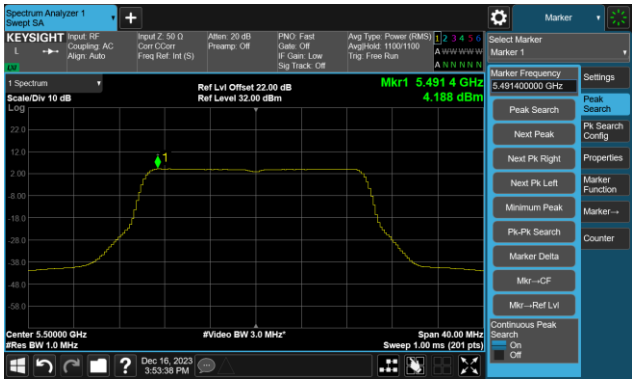
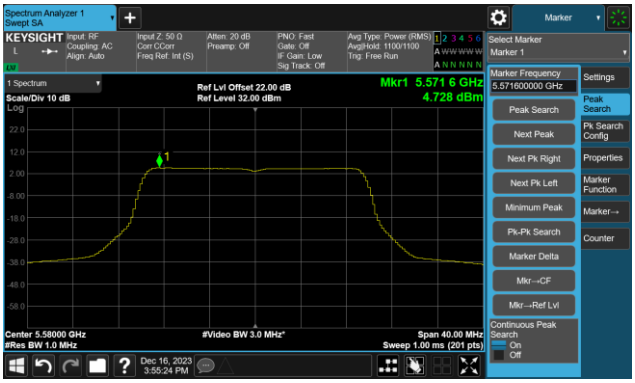
802.11ax-HE20 Power Spectral Density- Ant 3	
Channel 140 (5700MHz)	Channel 144(5720MHz)
	
Channel 149 (5745MHz)	Channel 157 (5785MHz)
	
Channel 165 (5825MHz)	
	

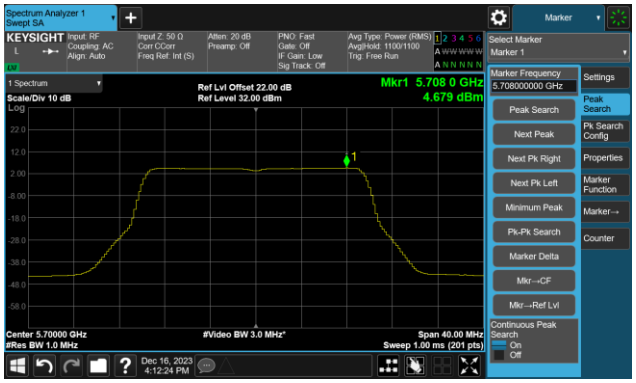
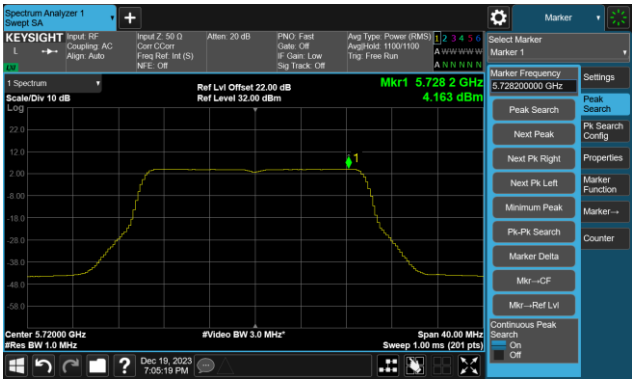
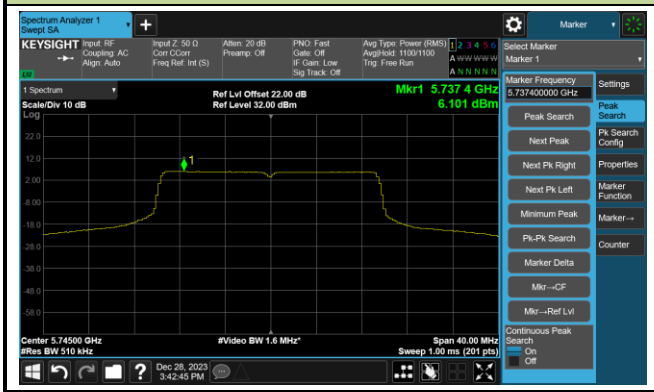
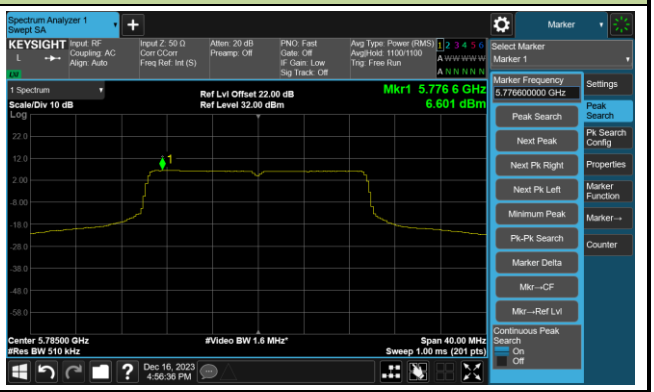
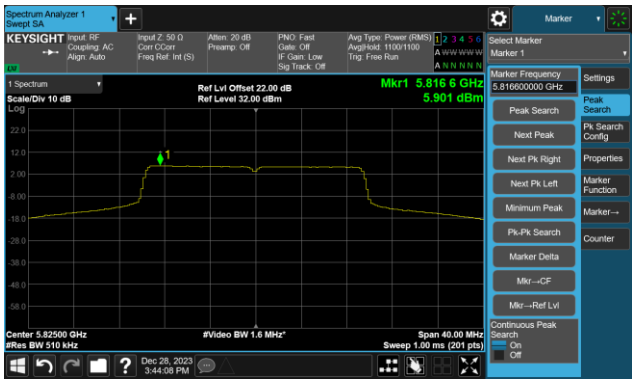
802.11ax-HE40 Power Spectral Density- Ant 3	
Channel 38 (5190MHz)	Channel 46 (5230MHz)
	
Channel 54 (5270MHz)	Channel 62 (5310MHz)
	
Channel 102 (5510MHz)	Channel 110 (5550MHz)
	
Channel 134 (5670MHz)	Channel 142(5710MHz)
	

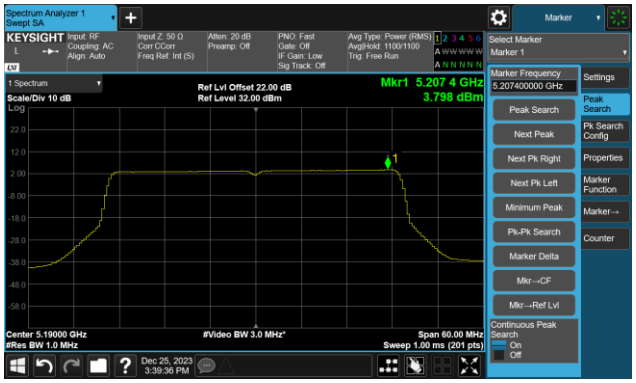
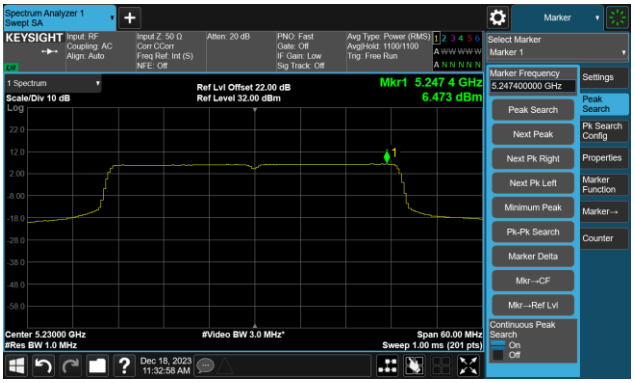
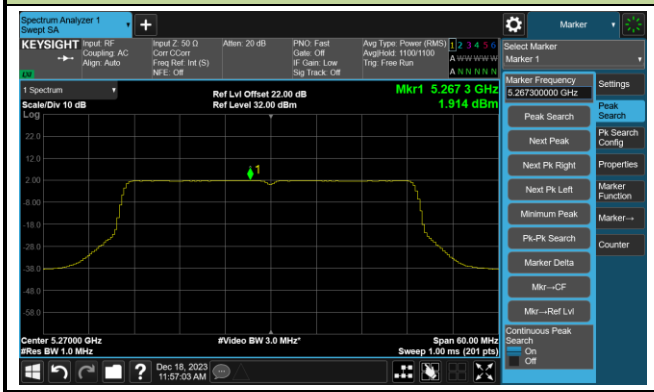
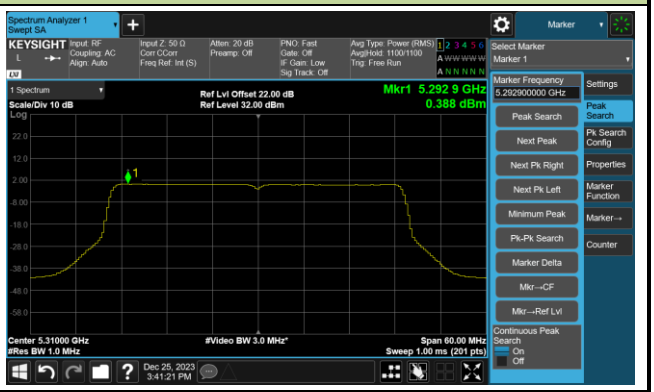
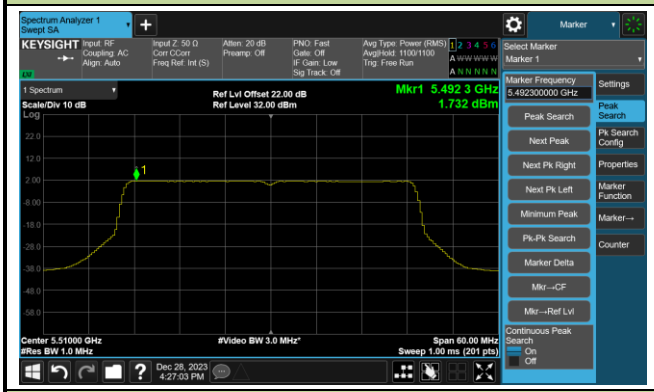
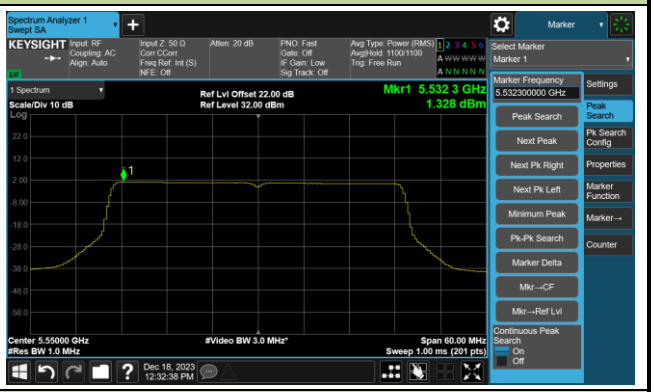
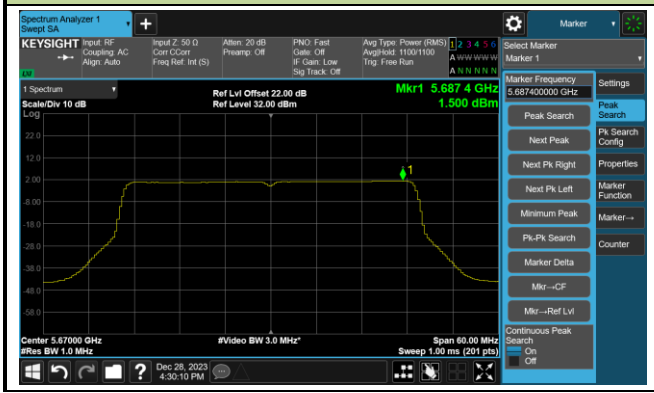
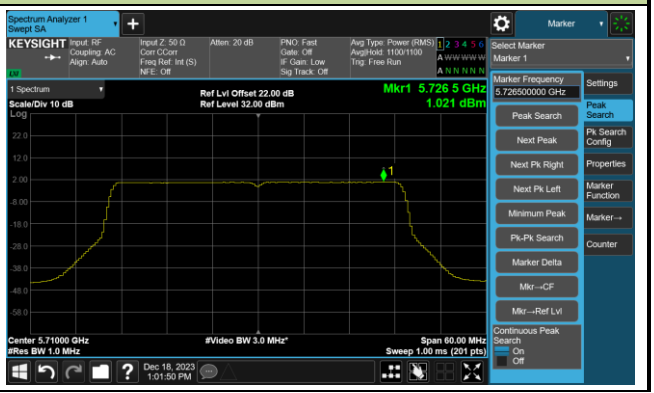
802.11ax-HE40 Power Spectral Density- Ant 3	
Channel 151 (5755MHz)	Channel 159 (5795MHz)
	

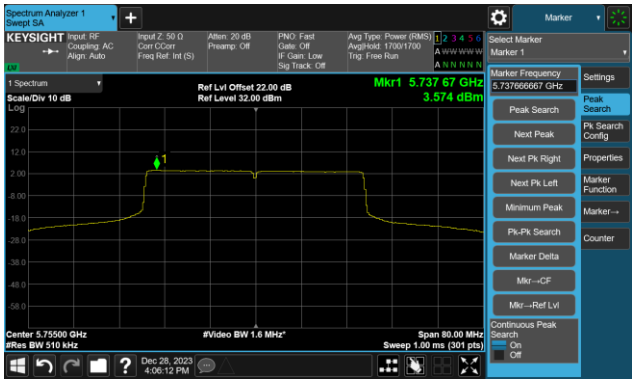
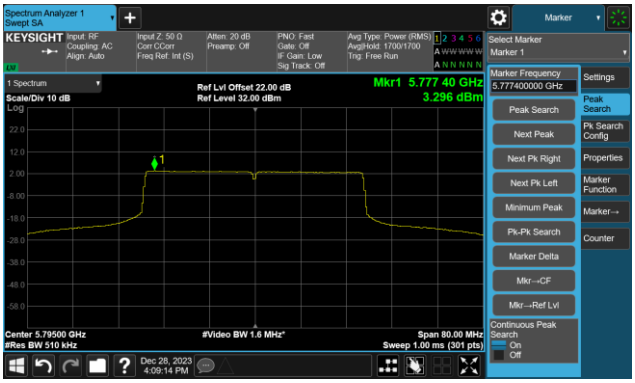
802.11ax-HE80 Power Spectral Density- Ant 3	
Channel 42 (5210MHz)	Channel 58 (5290MHz)
	
Channel 106 (5530MHz)	Channel 122 (5610MHz)
	
Channel 138 (5690MHz)	Channel 155 (5775MHz)
	

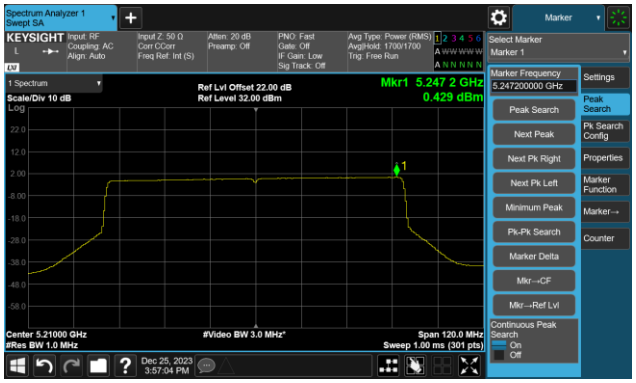
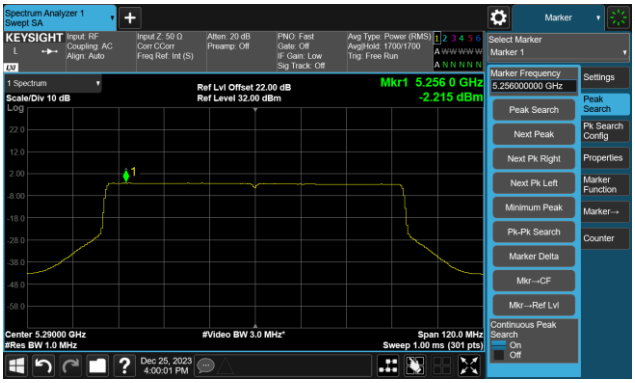
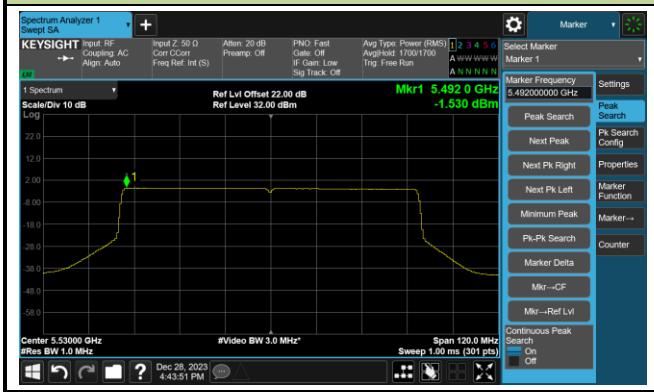
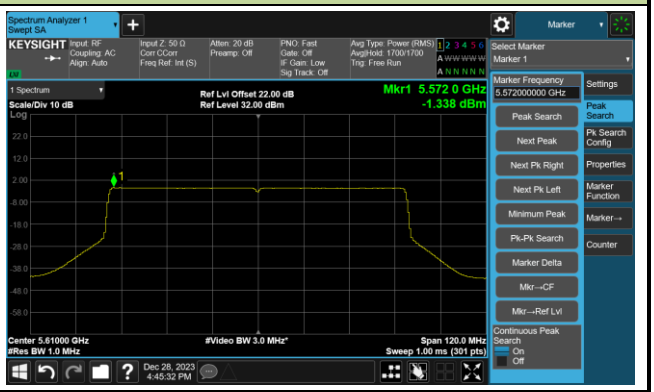
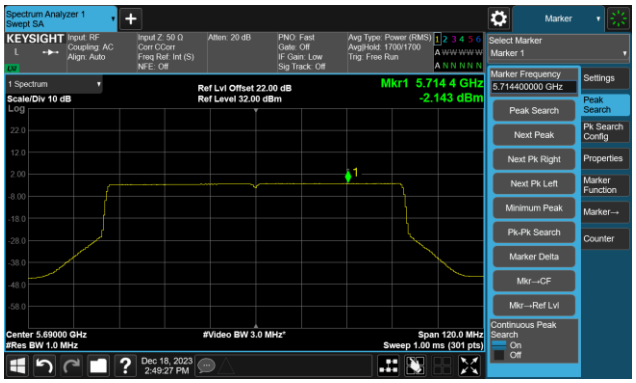
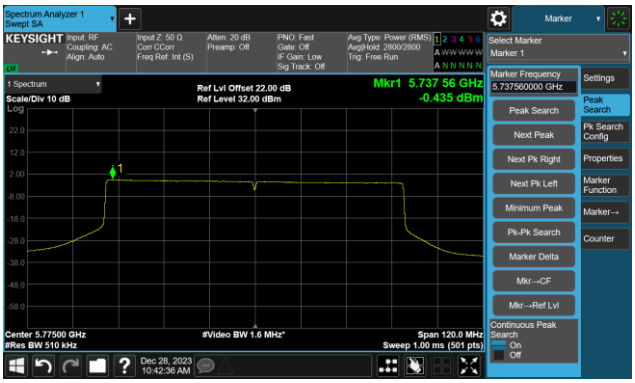
802.11ax-HE160 Power Spectral Density- Ant 3	
Channel 50 (5250MHz)	Channel 114 (5570MHz)
	

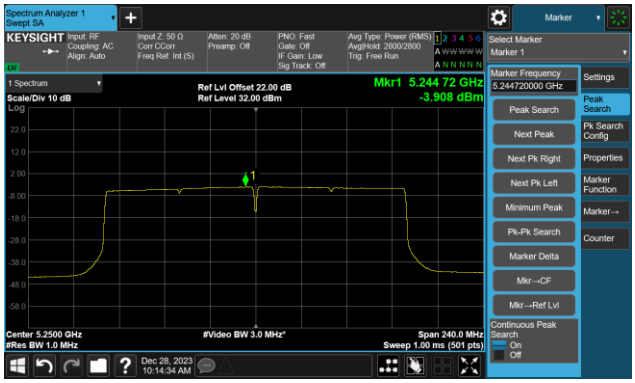
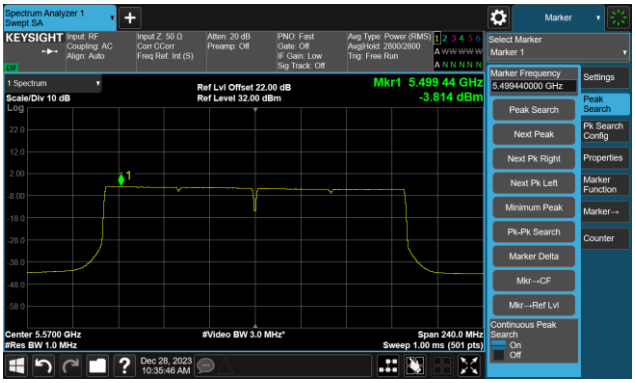
802.11be-EHT20 Power Spectral Density- Ant 3	
Channel 36 (5180MHz)	Channel 44 (5220MHz)
	
Channel 48 (5240MHz)	Channel 52 (5260MHz)
	
Channel 60 (5300MHz)	Channel 64 (5320MHz)
	
Channel 100 (5500MHz)	Channel 116 (5580MHz)
	

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	2023-12-21	Test Mode	5180MHz (Carrier Mode)

Voltage (%)	Power (VAC)	Temp (°C)	Frequency Tolerance (ppm)			
			0 minutes	2 minutes	5 minutes	10 minutes
100%	120	- 30	18.71	18.68	18.67	18.64
		- 20	20.07	20.06	20.04	20.01
		- 10	18.96	18.97	18.98	18.97
		0	15.85	15.82	15.78	15.74
		+ 10	10.17	10.85	11.11	11.02
		+ 20	-0.86	-1.11	-1.33	-1.55
		+ 30	0.35	-0.18	-0.43	-0.43
		+ 40	-5.46	-5.65	-5.72	-5.72
		+ 50	-9.11	-9.33	-9.91	-10.30
115%	138	+ 20	0.99	0.77	0.50	0.18
85%	102	+ 20	0.97	0.63	0.41	0.19

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-AC3	Test Engineer	Arvin Ding
Test Date	2024-01-25 ~ 2024-01-26	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 shown in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	10375.5	49.2	-1.6	47.6	68.2	-20.6	Peak	Horizontal
*	14260.0	47.4	3.1	50.5	68.2	-17.7	Peak	Horizontal
	15781.5	46.9	5.0	51.9	74.0	-22.1	Peak	Horizontal
	15781.5	34.4	5.0	39.4	54.0	-14.6	Average	Horizontal
	17881.0	45.7	7.9	53.6	74.0	-20.4	Peak	Horizontal
	17881.0	33.3	7.9	41.2	54.0	-12.8	Average	Horizontal
*	10409.5	48.7	-1.4	47.3	68.2	-20.9	Peak	Vertical
*	14158.0	47.4	3.1	50.5	68.2	-17.7	Peak	Vertical
	15798.5	46.3	4.9	51.2	74.0	-22.8	Peak	Vertical
	15798.5	34.4	4.9	39.3	54.0	-14.7	Average	Vertical
	17830.0	45.2	8.1	53.3	74.0	-20.7	Peak	Vertical
	17830.0	33.5	8.1	41.6	54.0	-12.4	Average	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	Arvin Ding
Test Date	2024-03-05	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 shown in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10443.5	50.8	-1.4	49.4	68.2	-18.8	Peak	Horizontal
	11914.0	49.1	-1.8	47.3	74.0	-26.7	Peak	Horizontal
*	14234.5	47.0	2.9	49.9	68.2	-18.3	Peak	Horizontal
	15424.5	44.5	3.5	48.0	74.0	-26.0	Peak	Horizontal
*	9670.0	47.8	-2.0	45.8	68.2	-22.4	Peak	Vertical
	10945.0	48.7	-1.3	47.4	74.0	-26.6	Peak	Vertical
*	13971.0	47.1	2.6	49.7	68.2	-18.5	Peak	Vertical
	15467.0	44.5	4.6	49.1	74.0	-24.9	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2024-03-05	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 shown in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10171.5	47.5	-1.6	45.9	68.2	-22.3	Peak	Horizontal
	11242.5	48.0	-1.6	46.4	74.0	-27.6	Peak	Horizontal
*	14175.0	45.8	3.7	49.5	68.2	-18.7	Peak	Horizontal
	15535.0	43.1	4.1	47.2	74.0	-26.8	Peak	Horizontal
*	10486.0	48.4	-1.3	47.1	68.2	-21.1	Peak	Vertical
	11837.5	48.5	-1.9	46.6	74.0	-27.4	Peak	Vertical
*	13784.0	47.1	2.1	49.2	68.2	-19.0	Peak	Vertical
	15467.0	45.0	4.6	49.6	74.0	-24.4	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2024-03-05	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 shown in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9585.0	47.9	-1.8	46.1	68.2	-22.1	Peak	Horizontal
	12271.0	48.3	-1.8	46.5	74.0	-27.5	Peak	Horizontal
*	14175.0	45.8	3.7	49.5	68.2	-18.7	Peak	Horizontal
	15560.5	44.4	4.6	49.0	74.0	-25.0	Peak	Horizontal
*	8735.0	49.7	-2.1	47.6	68.2	-20.6	Peak	Vertical
	11344.5	48.2	-1.5	46.7	74.0	-27.3	Peak	Vertical
*	14234.5	46.5	2.9	49.4	68.2	-18.8	Peak	Vertical
	15569.0	42.4	4.6	47.0	74.0	-27.0	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2024-03-05	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 shown in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9636.0	48.6	-2.2	46.4	68.2	-21.8	Peak	Horizontal
	11914.0	48.4	-1.8	46.6	74.0	-27.4	Peak	Horizontal
*	14175.0	45.5	3.7	49.2	68.2	-19.0	Peak	Horizontal
	15441.5	44.9	3.7	48.6	74.0	-25.4	Peak	Horizontal
*	9942.0	47.9	-1.6	46.3	68.2	-21.9	Peak	Vertical
	11710.0	48.7	-1.6	47.1	74.0	-26.9	Peak	Vertical
*	14175.0	45.9	3.7	49.6	68.2	-18.6	Peak	Vertical
	15492.5	44.3	4.4	48.7	74.0	-25.3	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	Arvin Ding
Test Date	2024-03-05	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 shown in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9942.0	46.5	-1.6	44.9	68.2	-23.3	Peak	Horizontal
	11914.0	48.6	-1.8	46.8	74.0	-27.2	Peak	Horizontal
*	14175.0	45.9	3.7	49.6	68.2	-18.6	Peak	Horizontal
	15577.5	42.9	4.6	47.5	74.0	-26.5	Peak	Horizontal
*	10367.0	48.6	-1.7	46.9	68.2	-21.3	Peak	Vertical
	12143.5	48.5	-1.7	46.8	74.0	-27.2	Peak	Vertical
*	14149.5	47.0	3.0	50.0	68.2	-18.2	Peak	Vertical
	15654.0	44.0	4.1	48.1	74.0	-25.9	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2024-03-05	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 shown in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10214.0	47.7	-1.6	46.1	68.2	-22.1	Peak	Horizontal
	11378.5	46.6	-1.8	44.8	74.0	-29.2	Peak	Horizontal
*	13860.5	47.4	2.4	49.8	68.2	-18.4	Peak	Horizontal
	15832.5	44.0	4.4	48.4	74.0	-25.6	Peak	Horizontal
*	10299.0	48.0	-1.3	46.7	68.2	-21.5	Peak	Vertical
	11812.0	48.4	-1.8	46.6	74.0	-27.4	Peak	Vertical
*	13750.0	48.1	2.0	50.1	68.2	-18.1	Peak	Vertical
	15781.5	45.7	5.0	50.7	74.0	-23.3	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	Arvin Ding
Test Date	2024-03-05	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 shown in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10129.0	47.8	-1.4	46.4	68.2	-21.8	Peak	Horizontal
	11616.5	48.0	-1.6	46.4	74.0	-27.6	Peak	Horizontal
*	14217.5	46.7	3.0	49.7	68.2	-18.5	Peak	Horizontal
	15696.5	44.9	4.9	49.8	74.0	-24.2	Peak	Horizontal
*	9687.0	48.1	-2.0	46.1	68.2	-22.1	Peak	Vertical
	11438.0	48.2	-1.4	46.8	74.0	-27.2	Peak	Vertical
*	13886.0	47.5	2.4	49.9	68.2	-18.3	Peak	Vertical
	15773.0	44.8	4.9	49.7	74.0	-24.3	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2024-03-05	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 shown in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	8786.0	48.4	-2.1	46.3	68.2	-21.9	Peak	Horizontal
	11608.0	48.8	-1.6	47.2	74.0	-26.8	Peak	Horizontal
*	14166.5	46.7	3.4	50.1	68.2	-18.1	Peak	Horizontal
	15492.5	44.4	4.4	48.8	74.0	-25.2	Peak	Horizontal
*	10112.0	48.5	-1.6	46.9	68.2	-21.3	Peak	Vertical
	11914.0	48.7	-1.8	46.9	74.0	-27.1	Peak	Vertical
*	14175.0	45.8	3.7	49.5	68.2	-18.7	Peak	Vertical
	15603.0	44.5	4.0	48.5	74.0	-25.5	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	Arvin Ding
Test Date	2024-03-05	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 shown in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9933.5	48.3	-1.8	46.5	68.2	-21.7	Peak	Horizontal
	11905.5	48.5	-1.8	46.7	74.0	-27.3	Peak	Horizontal
*	14175.0	46.5	3.7	50.2	68.2	-18.0	Peak	Horizontal
	15713.5	44.5	4.8	49.3	74.0	-24.7	Peak	Horizontal
*	9721.0	46.8	-2.3	44.5	68.2	-23.7	Peak	Vertical
	11429.5	46.9	-1.5	45.4	74.0	-28.6	Peak	Vertical
*	13962.5	46.8	2.4	49.2	68.2	-19.0	Peak	Vertical
	15501.0	45.2	4.3	49.5	74.0	-24.5	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	Arvin Ding
Test Date	2024-01-25 ~ 2024-01-26	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 shown in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB/m)	Detector	Polarization
*	10477.5	48.9	-1.4	47.5	68.2	-20.7	Peak	Horizontal
*	14183.5	47.2	3.2	50.4	68.2	-17.8	Peak	Horizontal
	15671.0	47.3	4.6	51.9	74.0	-22.1	Peak	Horizontal
	15671.0	34.6	4.6	39.2	54.0	-14.8	Average	Horizontal
	17923.5	45.1	8.3	53.4	74.0	-20.6	Peak	Horizontal
	17923.5	33.2	8.3	41.5	54.0	-12.5	Average	Horizontal
*	10171.5	48.5	-1.6	46.9	68.2	-21.3	Peak	Vertical
*	14158.0	47.4	3.1	50.5	68.2	-17.7	Peak	Vertical
	15773.0	47.0	4.9	51.9	74.0	-22.1	Peak	Vertical
	15773.0	34.5	4.9	39.4	54.0	-14.6	Average	Vertical
	17949.0	44.2	8.7	52.9	74.0	-21.1	Peak	Vertical
	17949.0	32.9	8.7	41.6	54.0	-12.4	Average	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	Arvin Ding
Test Date	2024-03-05	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 shown in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	11565.5	50.1	-1.9	48.2	74.0	-25.8	Peak	Horizontal
*	14166.5	47.2	3.4	50.6	68.2	-17.6	Peak	Horizontal
	15645.5	45.0	4.0	49.0	74.0	-25.0	Peak	Horizontal
*	17345.5	47.4	7.5	54.9	68.2	-13.3	Peak	Horizontal
*	9993.0	48.2	-1.5	46.7	68.2	-21.5	Peak	Vertical
	11574.0	50.1	-2.0	48.1	74.0	-25.9	Peak	Vertical
*	13996.5	47.0	2.5	49.5	68.2	-18.7	Peak	Vertical
	15773.0	44.3	4.9	49.2	74.0	-24.8	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2024-01-25 ~ 2024-01-26	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 shown in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB/m)	Detector	Polarization
*	10112.0	49.0	-1.6	47.4	68.2	-20.8	Peak	Horizontal
*	14260.0	47.3	3.1	50.4	68.2	-17.8	Peak	Horizontal
	15722.0	46.2	4.6	50.8	74.0	-23.2	Peak	Horizontal
	17966.0	43.7	9.4	53.1	74.0	-20.9	Peak	Horizontal
	17966.0	32.3	9.4	41.7	54.0	-12.3	Average	Horizontal
*	10316.0	47.9	-1.1	46.8	68.2	-21.4	Peak	Vertical
*	14183.5	47.6	3.2	50.8	68.2	-17.4	Peak	Vertical
	15705.0	47.5	4.9	52.4	74.0	-21.6	Peak	Vertical
	15705.0	34.6	4.9	39.5	54.0	-14.5	Average	Vertical
	17949.0	44.9	8.7	53.6	74.0	-20.4	Peak	Vertical
	17949.0	33.0	8.7	41.7	54.0	-12.3	Average	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	Arvin Ding
Test Date	2024-01-25 ~ 2024-01-26	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 shown in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB/m)	Detector	Polarization
*	10205.5	48.7	-1.6	47.1	68.2	-21.1	Peak	Horizontal
*	14175.0	46.4	3.7	50.1	68.2	-18.1	Peak	Horizontal
	15696.5	46.4	4.9	51.3	74.0	-22.7	Peak	Horizontal
	15696.5	34.6	4.9	39.5	54.0	-14.5	Average	Horizontal
	17966.0	43.8	9.4	53.2	74.0	-20.8	Peak	Horizontal
	17966.0	32.3	9.4	41.7	54.0	-12.3	Average	Horizontal
*	10401.0	48.5	-1.3	47.2	68.2	-21.0	Peak	Vertical
*	14175.0	47.4	3.7	51.1	68.2	-17.1	Peak	Vertical
	15679.5	46.4	4.7	51.1	74.0	-22.9	Peak	Vertical
	15679.5	34.6	4.7	39.3	54.0	-14.7	Average	Vertical
	17974.5	43.3	9.7	53.0	74.0	-21.0	Peak	Vertical
	17974.5	32.0	9.7	41.7	54.0	-12.3	Average	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	Arvin Ding
Test Date	2024-03-05	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 shown in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	8862.5	49.0	-2.2	46.8	68.2	-21.4	Peak	Horizontal
	10792.0	47.7	-1.6	46.1	74.0	-27.9	Peak	Horizontal
*	14047.5	46.6	2.8	49.4	68.2	-18.8	Peak	Horizontal
	15662.5	44.9	4.3	49.2	74.0	-24.8	Peak	Horizontal
*	10401.0	48.4	-1.3	47.1	68.2	-21.1	Peak	Vertical
	11455.0	48.2	-1.5	46.7	74.0	-27.3	Peak	Vertical
*	14175.0	46.3	3.7	50.0	68.2	-18.2	Peak	Vertical
	15475.5	45.2	4.5	49.7	74.0	-24.3	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2024-03-05	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 shown in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9721.0	48.4	-2.3	46.1	68.2	-22.1	Peak	Horizontal
	11633.5	49.6	-1.7	47.9	74.0	-26.1	Peak	Horizontal
*	13971.0	47.5	2.6	50.1	68.2	-18.1	Peak	Horizontal
	15662.5	46.1	4.3	50.4	74.0	-23.6	Peak	Horizontal
*	10469.0	48.5	-1.4	47.1	68.2	-21.1	Peak	Vertical
	11642.0	48.5	-1.7	46.8	74.0	-27.2	Peak	Vertical
*	14166.5	46.3	3.4	49.7	68.2	-18.5	Peak	Vertical
	15560.5	44.2	4.6	48.8	74.0	-25.2	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	Arvin Ding
Test Date	2024-03-05	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 shown in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10129.0	47.6	-1.4	46.2	68.2	-22.0	Peak	Horizontal
	11344.5	47.7	-1.5	46.2	74.0	-27.8	Peak	Horizontal
*	14175.0	46.7	3.7	50.4	68.2	-17.8	Peak	Horizontal
	15662.5	45.3	4.3	49.6	74.0	-24.4	Peak	Horizontal
*	10129.0	47.7	-1.4	46.3	68.2	-21.9	Peak	Vertical
	12262.5	48.6	-1.7	46.9	74.0	-27.1	Peak	Vertical
*	14149.5	47.2	3.0	50.2	68.2	-18.0	Peak	Vertical
	15730.5	44.8	4.2	49.0	74.0	-25.0	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	Arvin Ding
Test Date	2024-03-05	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 shown in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9636.0	48.4	-2.2	46.2	68.2	-22.0	Peak	Horizontal
	12313.5	48.9	-1.4	47.5	74.0	-26.5	Peak	Horizontal
*	14175.0	45.8	3.7	49.5	68.2	-18.7	Peak	Horizontal
	15730.5	44.4	4.2	48.6	74.0	-25.4	Peak	Horizontal
*	9602.0	48.2	-2.0	46.2	68.2	-22.0	Peak	Vertical
	12347.5	49.1	-1.6	47.5	74.0	-26.5	Peak	Vertical
*	14175.0	46.1	3.7	49.8	68.2	-18.4	Peak	Vertical
	15560.5	43.6	4.6	48.2	74.0	-25.8	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2024-03-05	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 shown in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9661.5	48.1	-2.0	46.1	68.2	-22.1	Peak	Horizontal
	11914.0	50.3	-1.8	48.5	74.0	-25.5	Peak	Horizontal
*	14047.5	46.9	2.8	49.7	68.2	-18.5	Peak	Horizontal
	15662.5	45.7	4.3	50.0	74.0	-24.0	Peak	Horizontal
*	10222.5	47.9	-1.5	46.4	68.2	-21.8	Peak	Vertical
	11234.0	48.4	-1.5	46.9	74.0	-27.1	Peak	Vertical
*	14175.0	46.3	3.7	50.0	68.2	-18.2	Peak	Vertical
	15705.0	44.7	4.9	49.6	74.0	-24.4	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2024-03-05	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 shown in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9627.5	49.3	-2.1	47.2	68.2	-21.0	Peak	Horizontal
	11735.5	48.2	-1.8	46.4	74.0	-27.6	Peak	Horizontal
*	13741.5	47.3	1.9	49.2	68.2	-19.0	Peak	Horizontal
	15560.5	43.8	4.6	48.4	74.0	-25.6	Peak	Horizontal
*	9976.0	48.0	-1.5	46.5	68.2	-21.7	Peak	Vertical
	11565.5	48.9	-1.9	47.0	74.0	-27.0	Peak	Vertical
*	14141.0	47.4	2.9	50.3	68.2	-17.9	Peak	Vertical
	15424.5	43.7	3.5	47.2	74.0	-26.8	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2024-03-05	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 shown in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10401.0	47.7	-1.3	46.4	68.2	-21.8	Peak	Horizontal
	11939.5	48.7	-1.7	47.0	74.0	-27.0	Peak	Horizontal
*	14243.0	47.4	2.8	50.2	68.2	-18.0	Peak	Horizontal
	15467.0	44.9	4.6	49.5	74.0	-24.5	Peak	Horizontal
*	10426.5	48.0	-1.4	46.6	68.2	-21.6	Peak	Vertical
	12262.5	48.8	-1.7	47.1	74.0	-26.9	Peak	Vertical
*	14158.0	46.7	3.1	49.8	68.2	-18.4	Peak	Vertical
	15382.0	45.2	4.0	49.2	74.0	-24.8	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2024-03-05	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 shown in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9848.5	48.6	-1.8	46.8	68.2	-21.4	Peak	Horizontal
	11625.0	48.1	-1.6	46.5	74.0	-27.5	Peak	Horizontal
*	14158.0	47.1	3.1	50.2	68.2	-18.0	Peak	Horizontal
	15450.0	45.5	4.0	49.5	74.0	-24.5	Peak	Horizontal
*	10180.0	47.8	-1.6	46.2	68.2	-22.0	Peak	Vertical
	12152.0	48.5	-1.7	46.8	74.0	-27.2	Peak	Vertical
*	14166.5	46.6	3.4	50.0	68.2	-18.2	Peak	Vertical
	15637.0	44.6	3.8	48.4	74.0	-25.6	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2024-03-05	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 shown in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10146.0	48.4	-1.6	46.8	68.2	-21.4	Peak	Horizontal
	11616.5	48.7	-1.6	47.1	74.0	-26.9	Peak	Horizontal
*	14141.0	47.1	2.9	50.0	68.2	-18.2	Peak	Horizontal
	15441.5	45.0	3.7	48.7	74.0	-25.3	Peak	Horizontal
*	10137.5	48.3	-1.5	46.8	68.2	-21.4	Peak	Vertical
	11616.5	49.0	-1.6	47.4	74.0	-26.6	Peak	Vertical
*	14166.5	46.8	3.4	50.2	68.2	-18.0	Peak	Vertical
	15560.5	45.2	4.6	49.8	74.0	-24.2	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	Arvin Ding
Test Date	2024-01-25 ~ 2024-01-26	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 shown in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10120.5	47.9	-1.5	46.4	68.2	-21.8	Peak	Horizontal
*	14166.5	47.2	3.4	50.6	68.2	-17.6	Peak	Horizontal
	15713.5	46.7	4.8	51.5	74.0	-22.5	Peak	Horizontal
	15713.5	34.0	4.8	38.8	54.0	-15.2	Average	Horizontal
	18000.0	44.1	8.9	53.0	74.0	-21.0	Peak	Horizontal
	18000.0	31.6	8.9	40.5	54.0	-13.5	Average	Horizontal
*	10180.0	48.2	-1.6	46.6	68.2	-21.6	Peak	Vertical
*	14217.5	47.1	3.0	50.1	68.2	-18.1	Peak	Vertical
	15713.5	46.0	4.8	50.8	74.0	-23.2	Peak	Vertical
	17881.0	45.9	7.9	53.8	74.0	-20.2	Peak	Vertical
	17881.0	32.9	7.9	40.8	54.0	-13.2	Average	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	Arvin Ding
Test Date	2024-03-05	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 shown in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9865.5	48.2	-1.8	46.4	68.2	-21.8	Peak	Horizontal
	11684.5	48.2	-1.6	46.6	74.0	-27.4	Peak	Horizontal
*	14183.5	47.4	3.2	50.6	68.2	-17.6	Peak	Horizontal
	15577.5	44.5	4.6	49.1	74.0	-24.9	Peak	Horizontal
*	10112.0	48.2	-1.6	46.6	68.2	-21.6	Peak	Vertical
	11667.5	48.2	-1.7	46.5	74.0	-27.5	Peak	Vertical
*	14175.0	47.1	3.7	50.8	68.2	-17.4	Peak	Vertical
	15705.0	44.6	4.9	49.5	74.0	-24.5	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	Arvin Ding
Test Date	2024-01-25 ~ 2024-01-26	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 shown in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10154.5	48.9	-1.6	47.3	68.2	-20.9	Peak	Horizontal
*	13971.0	48.4	2.6	51.0	68.2	-17.2	Peak	Horizontal
	16087.5	47.2	4.8	52.0	74.0	-22.0	Peak	Horizontal
	16087.5	34.2	4.8	39.0	54.0	-15.0	Average	Horizontal
	17813.0	45.0	7.9	52.9	74.0	-21.1	Peak	Horizontal
	17813.0	33.3	7.9	41.2	54.0	-12.8	Average	Horizontal
*	10146.0	48.7	-1.6	47.1	68.2	-21.1	Peak	Vertical
*	14149.5	47.2	3.0	50.2	68.2	-18.0	Peak	Vertical
	15773.0	46.0	4.9	50.9	74.0	-23.1	Peak	Vertical
	17974.5	43.7	9.7	53.4	74.0	-20.6	Peak	Vertical
	17974.5	32.6	9.7	42.3	54.0	-11.7	Average	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	Arvin Ding
Test Date	2024-01-25 ~ 2024-01-26	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 shown in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10171.5	48.7	-1.6	47.1	68.2	-21.1	Peak	Horizontal
*	14149.5	47.1	3.0	50.1	68.2	-18.1	Peak	Horizontal
	15900.5	46.1	5.1	51.2	74.0	-22.8	Peak	Horizontal
	15900.5	33.9	5.1	39.0	54.0	-15.0	Average	Horizontal
	17881.0	45.7	7.9	53.6	74.0	-20.4	Peak	Horizontal
	17881.0	33.0	7.9	40.9	54.0	-13.1	Average	Horizontal
*	10095.0	49.3	-1.6	47.7	68.2	-20.5	Peak	Vertical
*	14132.5	47.7	2.9	50.6	68.2	-17.6	Peak	Vertical
	15560.5	45.6	4.6	50.2	74.0	-23.8	Peak	Vertical
	17974.5	43.4	9.7	53.1	74.0	-20.9	Peak	Vertical
	17974.5	31.6	9.7	41.3	54.0	-12.7	Average	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	Arvin Ding
Test Date	2024-03-05	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 shown in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10375.5	48.7	-1.6	47.1	68.2	-21.1	Peak	Horizontal
	11914.0	49.7	-1.8	47.9	74.0	-26.1	Peak	Horizontal
*	14090.0	47.2	3.0	50.2	68.2	-18.0	Peak	Horizontal
	15492.5	45.1	4.4	49.5	74.0	-24.5	Peak	Horizontal
*	10273.5	47.9	-1.5	46.4	68.2	-21.8	Peak	Vertical
	11548.5	49.4	-1.7	47.7	74.0	-26.3	Peak	Vertical
*	14166.5	46.4	3.4	49.8	68.2	-18.4	Peak	Vertical
	15569.0	43.5	4.6	48.1	74.0	-25.9	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2024-03-05	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 shown in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	8760.5	48.1	-2.0	46.1	68.2	-22.1	Peak	Horizontal
	11752.5	48.6	-1.8	46.8	74.0	-27.2	Peak	Horizontal
*	14166.5	46.9	3.4	50.3	68.2	-17.9	Peak	Horizontal
	15450.0	44.7	4.0	48.7	74.0	-25.3	Peak	Horizontal
*	9899.5	46.7	-1.9	44.8	68.2	-23.4	Peak	Vertical
	11854.5	48.7	-2.0	46.7	74.0	-27.3	Peak	Vertical
*	14047.5	46.7	2.8	49.5	68.2	-18.7	Peak	Vertical
	15441.5	43.9	3.7	47.6	74.0	-26.4	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	Arvin Ding
Test Date	2024-01-25 ~ 2024-01-26	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 shown in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB/m)	Detector	Polarization
*	10197.0	48.6	-1.7	46.9	68.2	-21.3	Peak	Horizontal
*	14226.0	46.8	3.0	49.8	68.2	-18.4	Peak	Horizontal
	15688.0	46.7	4.8	51.5	74.0	-22.5	Peak	Horizontal
	15688.0	34.2	4.8	39.0	54.0	-15.0	Average	Horizontal
	17983.0	43.0	9.9	52.9	74.0	-21.1	Peak	Horizontal
	17983.0	31.2	9.9	41.1	54.0	-12.9	Average	Horizontal
*	9950.5	48.4	-1.6	46.8	68.2	-21.4	Peak	Vertical
*	14107.0	47.1	2.8	49.9	68.2	-18.3	Peak	Vertical
	15705.0	46.2	4.9	51.1	74.0	-22.9	Peak	Vertical
	15705.0	34.1	4.9	39.0	54.0	-15.0	Average	Vertical
	17966.0	43.9	9.4	53.3	74.0	-20.7	Peak	Vertical
	17966.0	32.0	9.4	41.4	54.0	-12.6	Average	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	Arvin Ding
Test Date	2024-01-25 ~ 2024-01-26	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 shown in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9738.0	48.5	-2.1	46.4	68.2	-21.8	Peak	Horizontal
*	14251.5	47.6	3.0	50.6	68.2	-17.6	Peak	Horizontal
	15926.0	46.0	5.1	51.1	74.0	-22.9	Peak	Horizontal
	15926.0	33.8	5.1	38.9	54.0	-15.1	Average	Horizontal
	17923.5	44.7	8.3	53.0	74.0	-21.0	Peak	Horizontal
	17923.5	32.8	8.3	41.1	54.0	-12.9	Average	Horizontal
*	10163.0	48.5	-1.7	46.8	68.2	-21.4	Peak	Vertical
*	14132.5	47.2	2.9	50.1	68.2	-18.1	Peak	Vertical
	15671.0	46.3	4.6	50.9	74.0	-23.1	Peak	Vertical
	17957.5	44.7	9.0	53.7	74.0	-20.3	Peak	Vertical
	17957.5	32.4	9.0	41.4	54.0	-12.6	Average	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	Arvin Ding
Test Date	2024-03-05	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 shown in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9950.5	47.9	-1.6	46.3	68.2	-21.9	Peak	Horizontal
	11914.0	49.2	-1.8	47.4	74.0	-26.6	Peak	Horizontal
*	13852.0	48.2	2.4	50.6	68.2	-17.6	Peak	Horizontal
	15569.0	44.8	4.6	49.4	74.0	-24.6	Peak	Horizontal
*	9602.0	48.4	-2.0	46.4	68.2	-21.8	Peak	Vertical
	11523.0	47.9	-1.5	46.4	74.0	-27.6	Peak	Vertical
*	13767.0	48.1	2.1	50.2	68.2	-18.0	Peak	Vertical
	15773.0	45.2	4.9	50.1	74.0	-23.9	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	Arvin Ding
Test Date	2024-03-05	Test Mode	802.11ac-VHT40 – Channel 134
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not shown in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10333.0	47.7	-1.2	46.5	68.2	-21.7	Peak	Horizontal
	11914.0	49.1	-1.8	47.3	74.0	-26.7	Peak	Horizontal
*	14166.5	46.6	3.4	50.0	68.2	-18.2	Peak	Horizontal
	15764.5	46.2	4.6	50.8	74.0	-23.2	Peak	Horizontal
*	10137.5	48.1	-1.5	46.6	68.2	-21.6	Peak	Vertical
	11710.0	49.6	-1.6	48.0	74.0	-26.0	Peak	Vertical
*	13971.0	46.8	2.6	49.4	68.2	-18.8	Peak	Vertical
	15637.0	44.0	3.8	47.8	74.0	-26.2	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2024-03-05	Test Mode	802.11ac-VHT40 – Channel 142
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not shown in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9959.0	47.9	-1.6	46.3	68.2	-21.9	Peak	Horizontal
	12390.0	48.2	-1.5	46.7	74.0	-27.3	Peak	Horizontal
*	14090.0	46.6	3.0	49.6	68.2	-18.6	Peak	Horizontal
	15501.0	43.8	4.3	48.1	74.0	-25.9	Peak	Horizontal
*	10044.0	48.3	-1.8	46.5	68.2	-21.7	Peak	Vertical
	11829.0	48.5	-1.8	46.7	74.0	-27.3	Peak	Vertical
*	13724.5	48.2	1.9	50.1	68.2	-18.1	Peak	Vertical
	15705.0	45.5	4.9	50.4	74.0	-23.6	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	Arvin Ding
Test Date	2024-03-05	Test Mode	802.11ac-VHT40 – Channel 151
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not shown in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10222.5	47.6	-1.5	46.1	68.2	-22.1	Peak	Horizontal
	11820.5	49.1	-1.8	47.3	74.0	-26.7	Peak	Horizontal
*	13903.0	47.2	2.5	49.7	68.2	-18.5	Peak	Horizontal
	15654.0	45.3	4.1	49.4	74.0	-24.6	Peak	Horizontal
*	10120.5	47.5	-1.5	46.0	68.2	-22.2	Peak	Vertical
	11642.0	48.4	-1.7	46.7	74.0	-27.3	Peak	Vertical
*	14073.0	46.9	2.9	49.8	68.2	-18.4	Peak	Vertical
	15688.0	45.3	4.8	50.1	74.0	-23.9	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	Arvin Ding
Test Date	2024-03-05	Test Mode	802.11ac-VHT40 – Channel 159
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not shown in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10324.5	48.0	-1.2	46.8	68.2	-21.4	Peak	Horizontal
	11021.5	48.3	-1.4	46.9	74.0	-27.1	Peak	Horizontal
*	13775.5	46.8	2.1	48.9	68.2	-19.3	Peak	Horizontal
	15654.0	45.7	4.1	49.8	74.0	-24.2	Peak	Horizontal
*	9976.0	48.2	-1.5	46.7	68.2	-21.5	Peak	Vertical
	12373.0	48.7	-1.5	47.2	74.0	-26.8	Peak	Vertical
*	13835.0	47.5	2.4	49.9	68.2	-18.3	Peak	Vertical
	15739.0	45.3	3.9	49.2	74.0	-24.8	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2024-01-25 ~ 2024-01-26	Test Mode	802.11ac-VHT80 – Channel 42
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not shown in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10401.0	48.7	-1.3	47.4	68.2	-20.8	Peak	Horizontal
*	13962.5	48.0	2.4	50.4	68.2	-17.8	Peak	Horizontal
	15883.5	46.6	5.1	51.7	74.0	-22.3	Peak	Horizontal
	15883.5	34.0	5.1	39.1	54.0	-14.9	Average	Horizontal
	17932.0	45.2	8.3	53.5	74.0	-20.5	Peak	Horizontal
	17932.0	32.7	8.3	41.0	54.0	-13.0	Average	Horizontal
*	9644.5	48.8	-2.1	46.7	68.2	-21.5	Peak	Vertical
*	14141.0	47.8	2.9	50.7	68.2	-17.5	Peak	Vertical
	15705.0	46.1	4.9	51.0	74.0	-23.0	Peak	Vertical
	15705.0	34.2	4.9	39.1	54.0	-14.9	Average	Vertical
	17898.0	44.8	8.1	52.9	74.0	-21.1	Peak	Vertical
	17898.0	33.2	8.1	41.3	54.0	-12.7	Average	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	Arvin Ding
Test Date	2024-01-25 ~ 2024-01-26	Test Mode	802.11ac-VHT80 – Channel 58
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not shown in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10316.0	47.9	-1.1	46.8	68.2	-21.4	Peak	Horizontal
*	14183.5	46.7	3.2	49.9	68.2	-18.3	Peak	Horizontal
	15883.5	46.2	5.1	51.3	74.0	-22.7	Peak	Horizontal
	15883.5	34.0	5.1	39.1	54.0	-14.9	Average	Horizontal
	17957.5	44.5	9.0	53.5	74.0	-20.5	Peak	Horizontal
	17957.5	32.6	9.0	41.6	54.0	-12.4	Average	Horizontal
*	10443.5	49.0	-1.4	47.6	68.2	-20.6	Peak	Vertical
*	14064.5	47.4	2.9	50.3	68.2	-17.9	Peak	Vertical
	15671.0	46.7	4.6	51.3	74.0	-22.7	Peak	Vertical
	15671.0	34.4	4.6	39.0	54.0	-15.0	Average	Vertical
	17762.0	45.8	7.6	53.4	74.0	-20.6	Peak	Vertical
	17762.0	33.5	7.6	41.1	54.0	-12.9	Average	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	Arvin Ding
Test Date	2024-03-05	Test Mode	802.11ac-VHT80 – Channel 106
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not shown in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10120.5	48.3	-1.5	46.8	68.2	-21.4	Peak	Horizontal
	11914.0	49.5	-1.8	47.7	74.0	-26.3	Peak	Horizontal
*	14166.5	46.5	3.4	49.9	68.2	-18.3	Peak	Horizontal
	15569.0	43.8	4.6	48.4	74.0	-25.6	Peak	Horizontal
*	8735.0	48.4	-2.1	46.3	68.2	-21.9	Peak	Vertical
	11166.0	47.4	-1.3	46.1	74.0	-27.9	Peak	Vertical
*	14158.0	47.2	3.1	50.3	68.2	-17.9	Peak	Vertical
	15467.0	44.7	4.6	49.3	74.0	-24.7	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2024-03-05	Test Mode	802.11ac-VHT80 – Channel 122
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not shown in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10103.5	48.1	-1.6	46.5	68.2	-21.7	Peak	Horizontal
	11361.5	48.7	-1.6	47.1	74.0	-26.9	Peak	Horizontal
*	14081.5	46.4	2.9	49.3	68.2	-18.9	Peak	Horizontal
	15560.5	43.6	4.6	48.2	74.0	-25.8	Peak	Horizontal
*	9661.5	48.2	-2.0	46.2	68.2	-22.0	Peak	Vertical
	11548.5	49.1	-1.7	47.4	74.0	-26.6	Peak	Vertical
*	14073.0	47.1	2.9	50.0	68.2	-18.2	Peak	Vertical
	15467.0	44.7	4.6	49.3	74.0	-24.7	Peak	Vertical

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

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

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