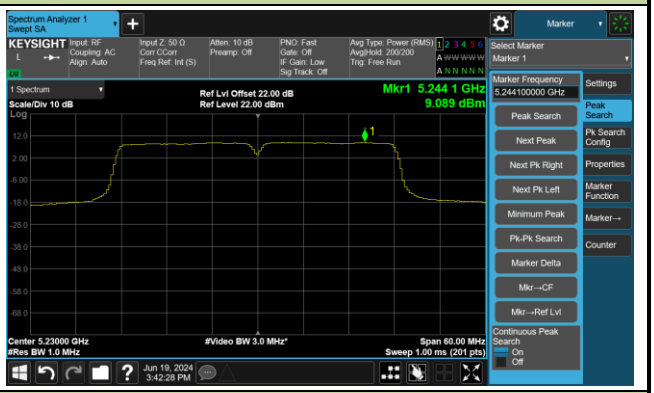
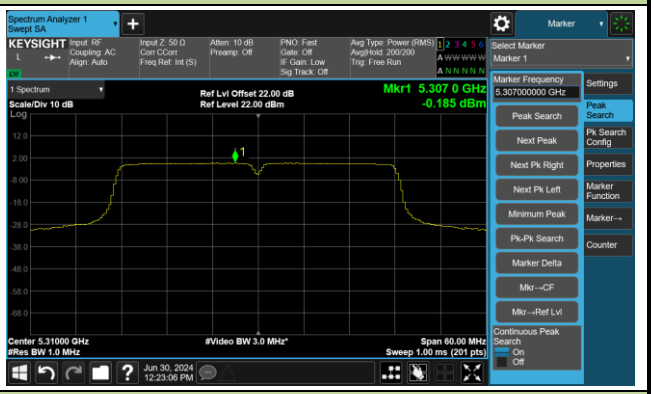
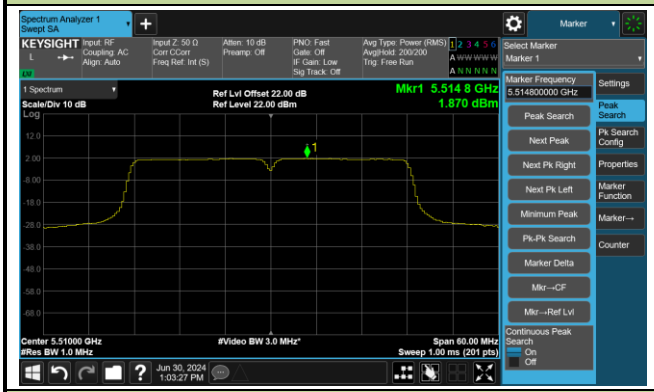
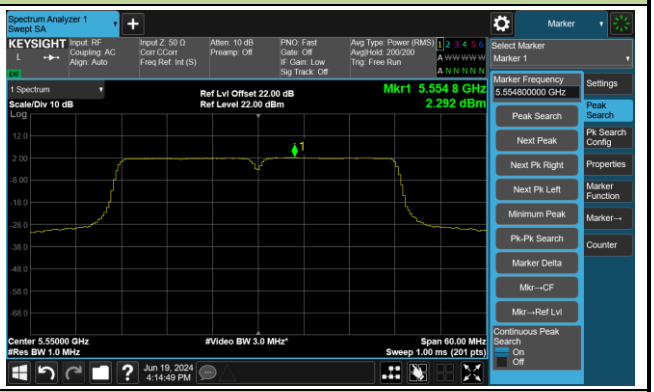
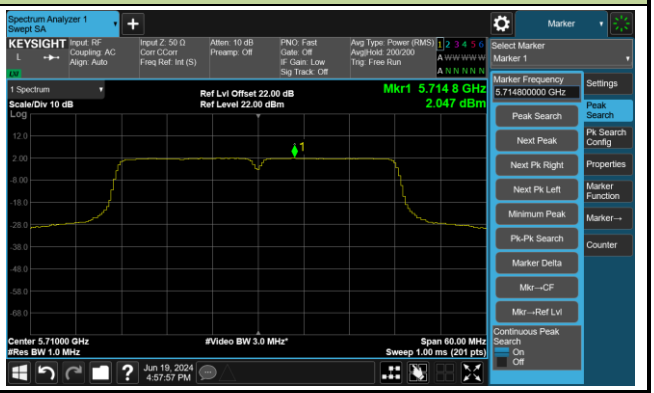
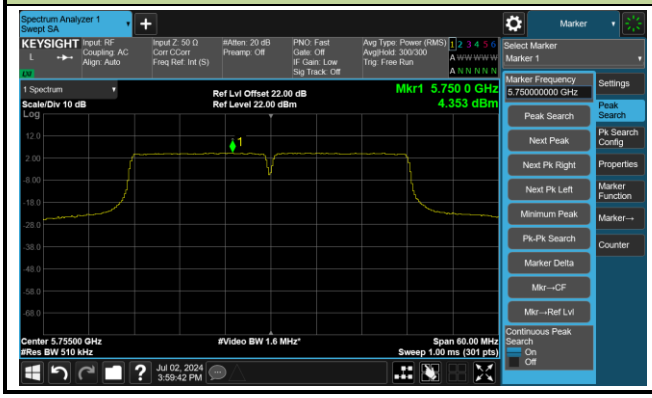
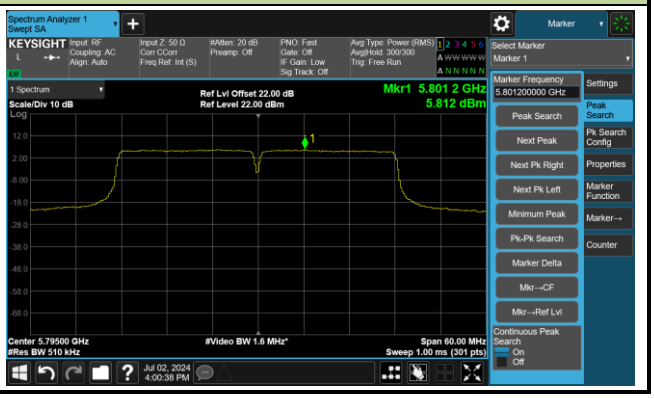
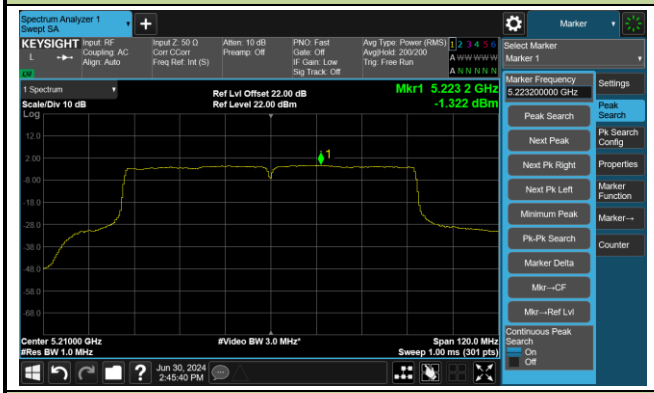
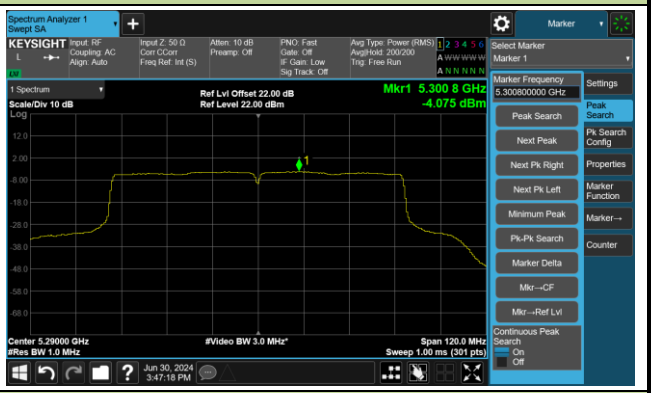
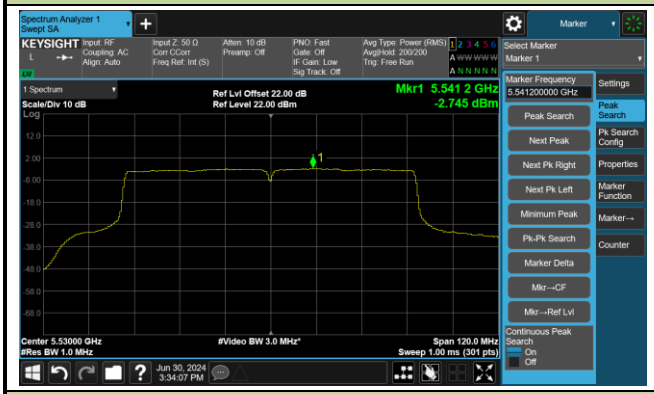
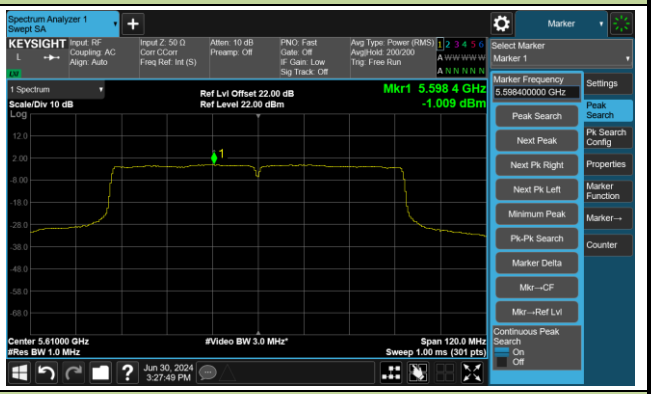
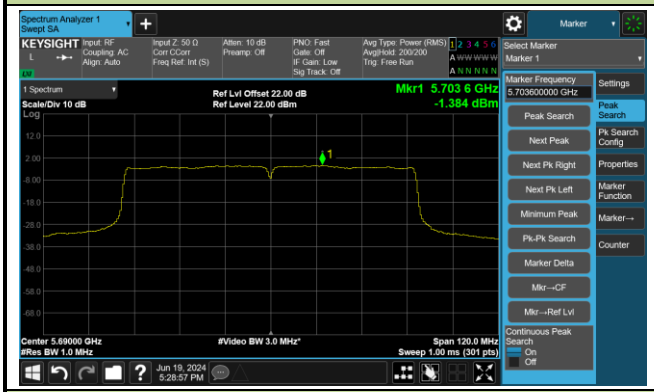
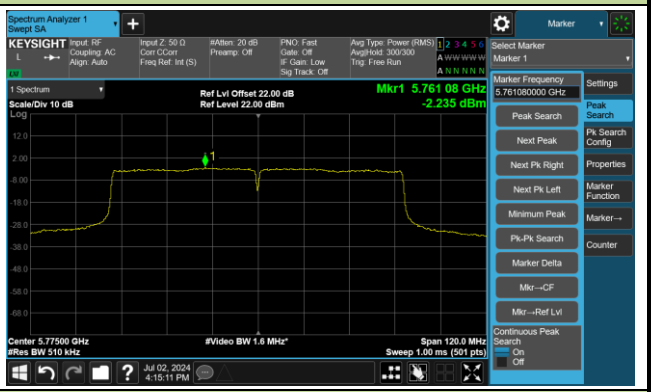
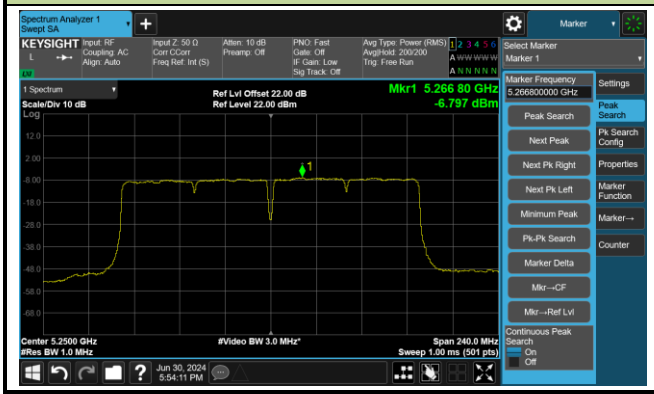
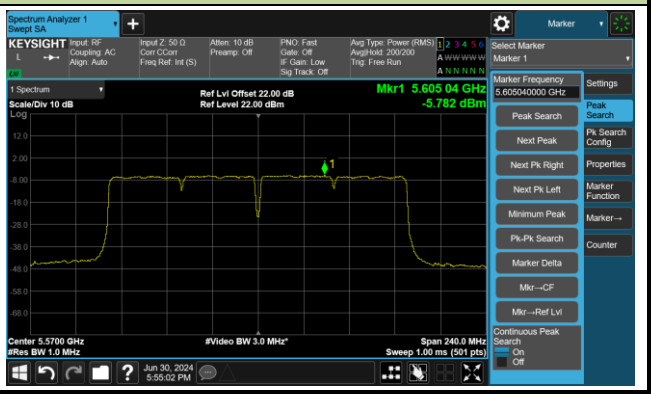
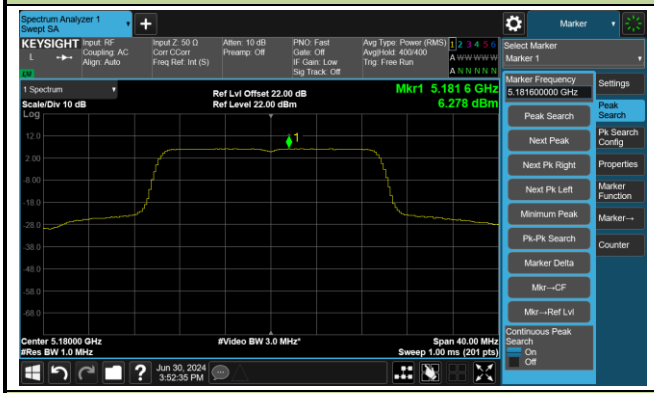
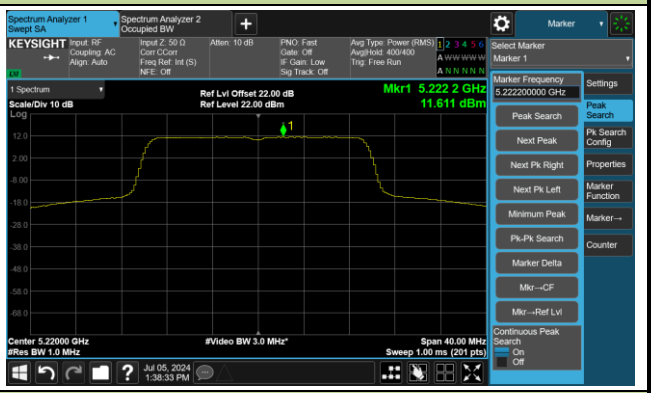
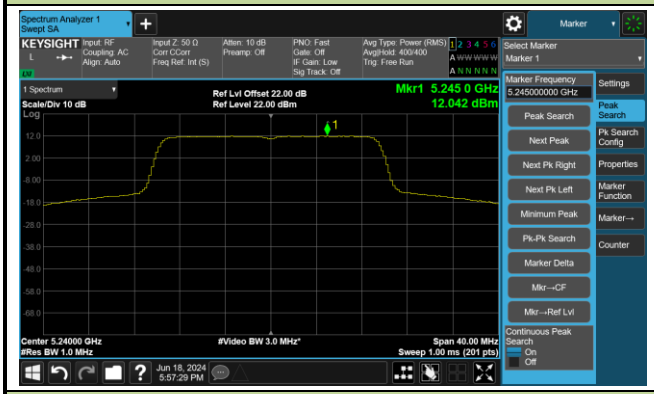
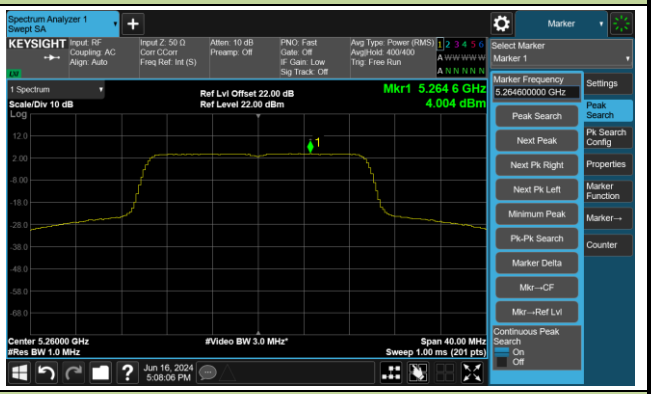
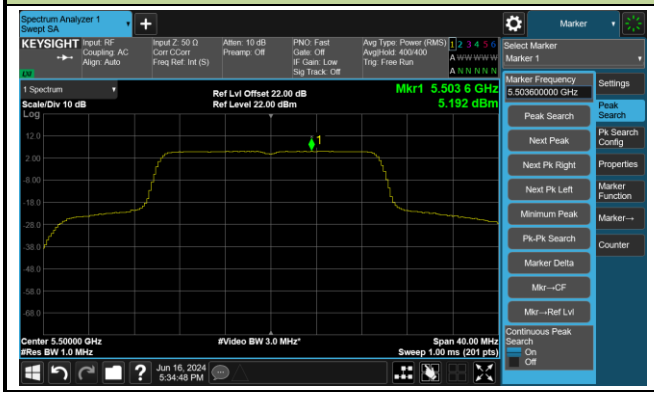
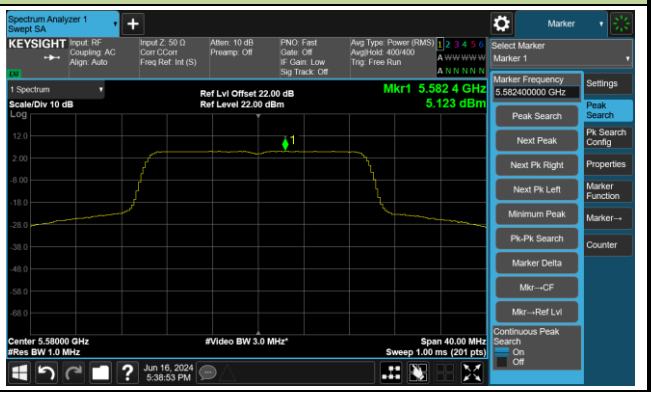
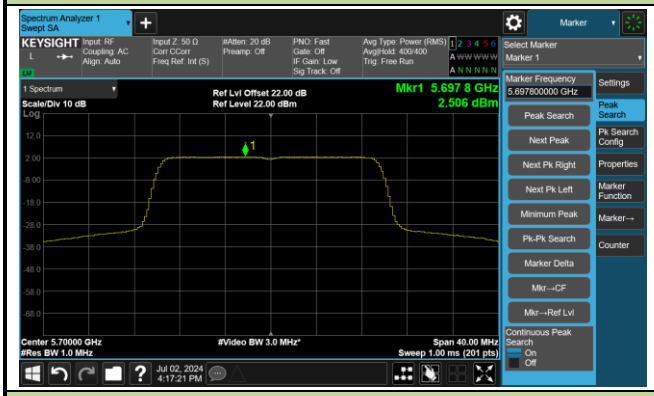
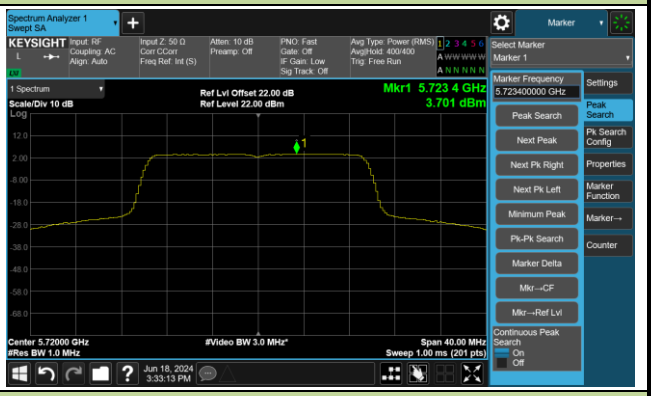
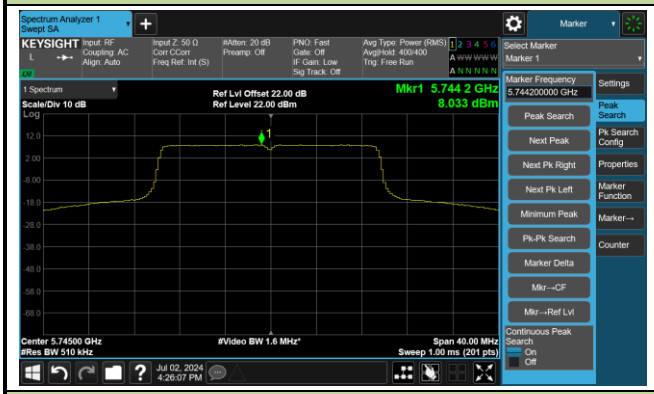
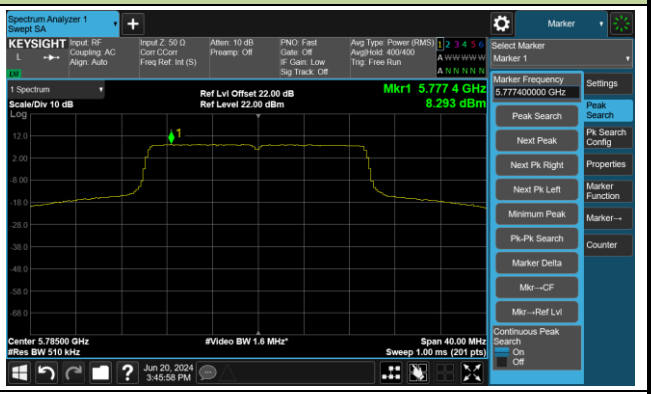
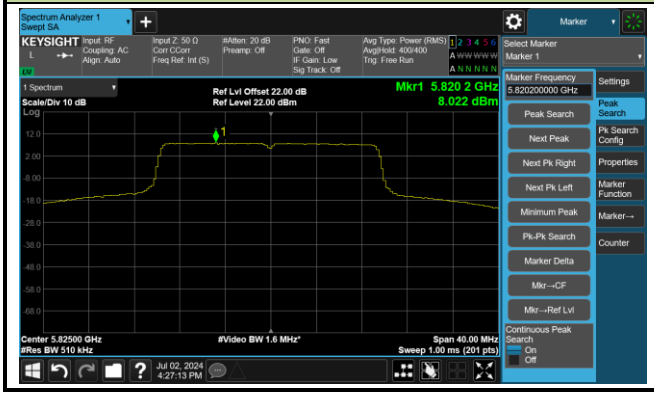
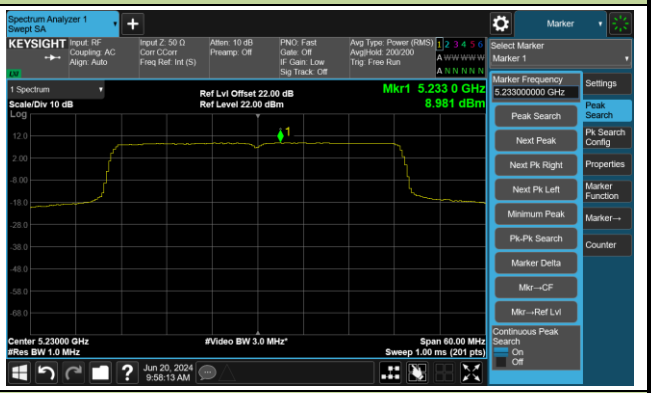
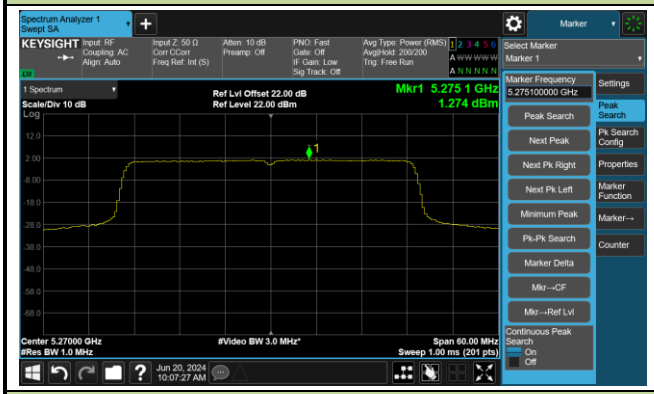
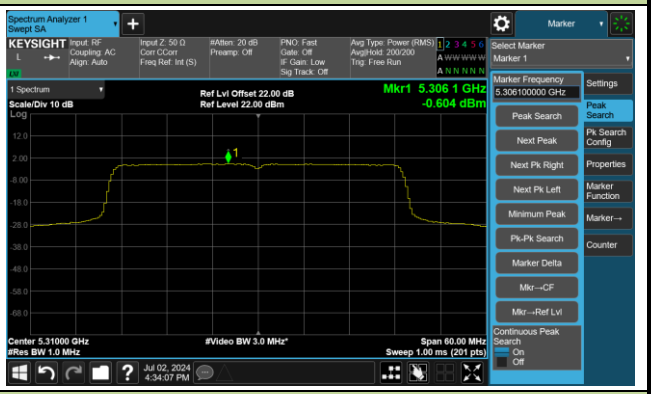
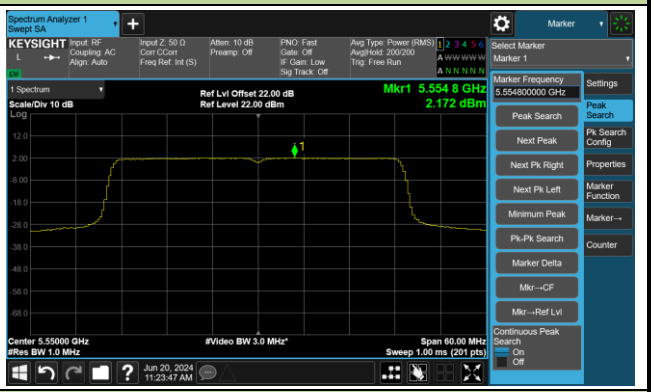
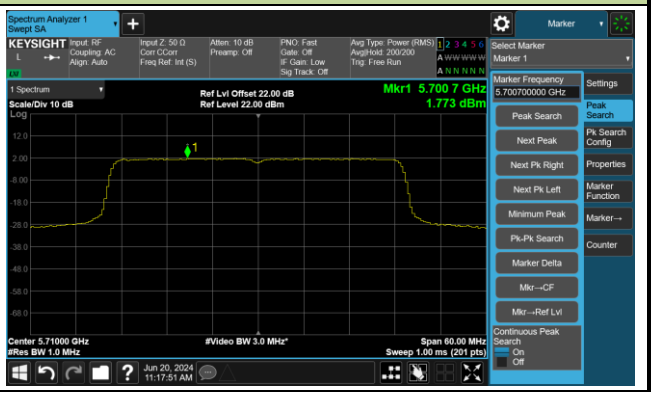
802.11ac-VHT40 Power Spectral Density - Ant 3	
Channel 38 (5190MHz)	Channel 46 (5230MHz)
	
Channel 54 (5270MHz)	Channel 62 (5310MHz)
	
Channel 102 (5510MHz)	Channel 110 (5550MHz)
	
Channel 134 (5670MHz)	Channel 142(5710MHz)
	

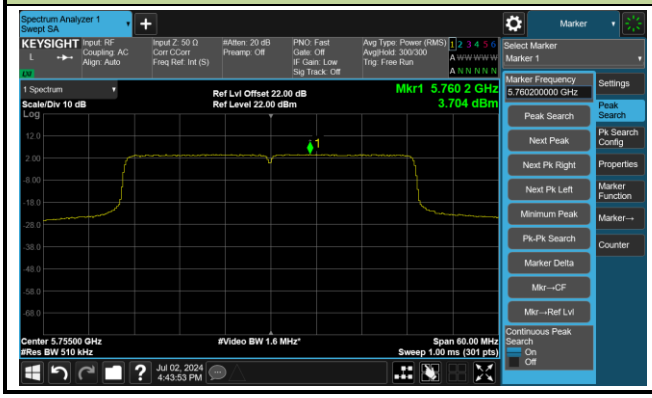
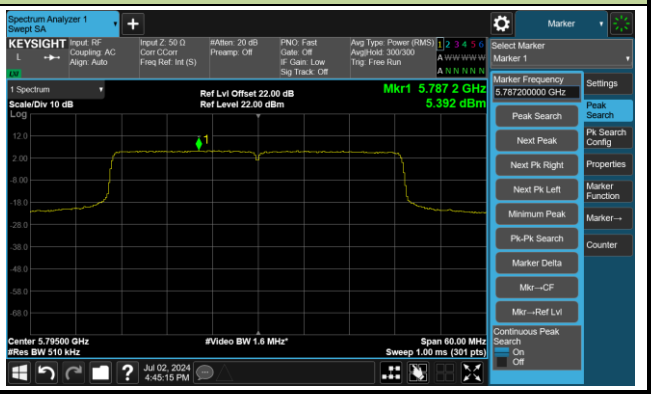
802.11ac-VHT40 Power Spectral Density - Ant 3	
Channel 151 (5755MHz)	Channel 159 (5795MHz)
	

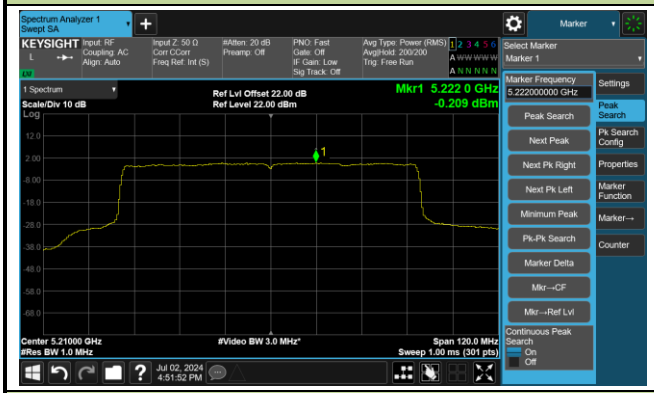
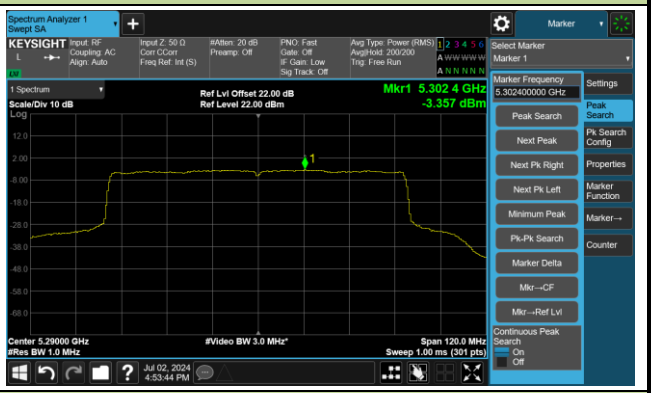
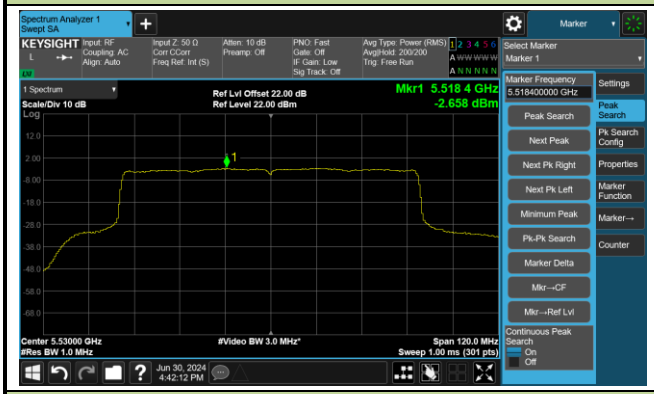
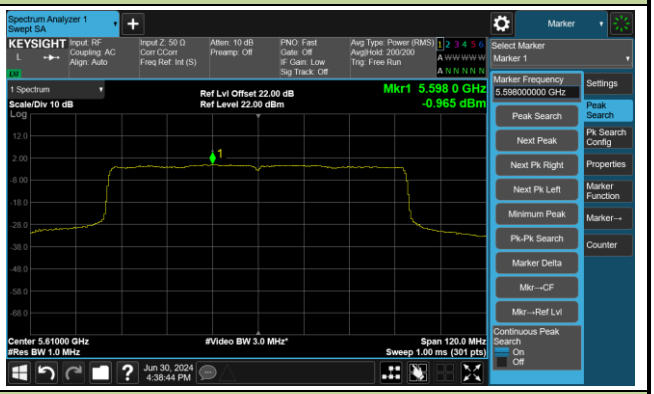
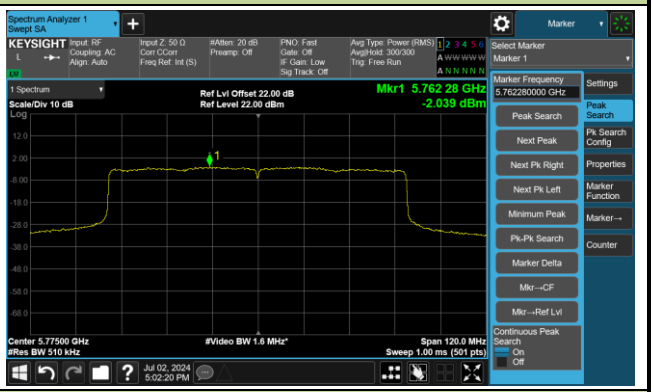
802.11ac-VHT80 Power Spectral Density - Ant 3	
Channel 42 (5210MHz)	Channel 58 (5290MHz)
	
Channel 106 (5530MHz)	Channel 122 (5610MHz)
	
Channel 138 (5690MHz)	Channel 155 (5775MHz)
	
802.11ac-VHT160 Power Spectral Density - Ant 3	
Channel 50 (5250MHz)	Channel 114 (5570MHz)
	

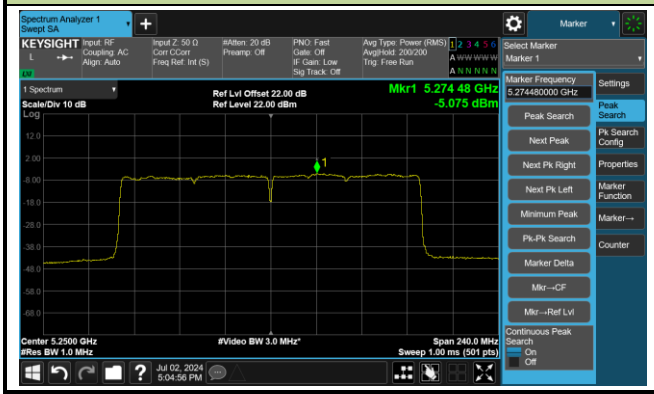
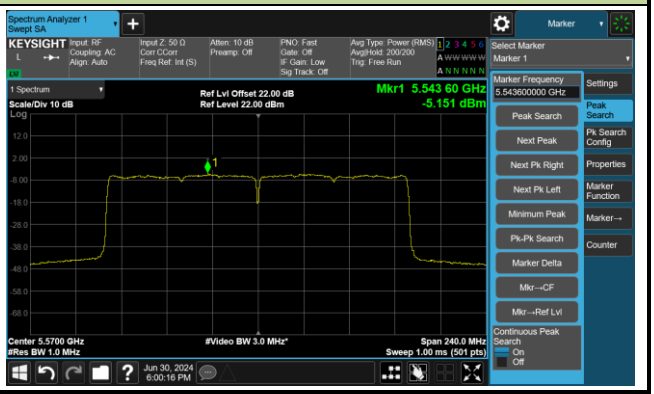
802.11ax-HE20 Power Spectral Density - Ant 3	
Channel 36 (5180MHz)	Channel 44 (5220MHz)
	
Channel 48 (5240MHz)	Channel 52 (5260MHz)
	
Channel 60 (5300MHz)	Channel 64 (5320MHz)
	
Channel 100 (5500MHz)	Channel 116 (5580MHz)
	

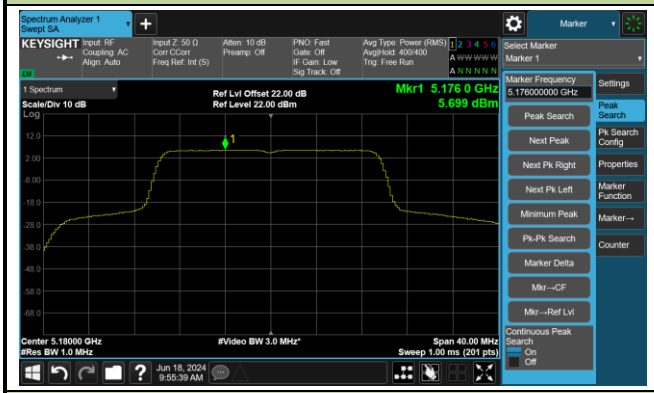
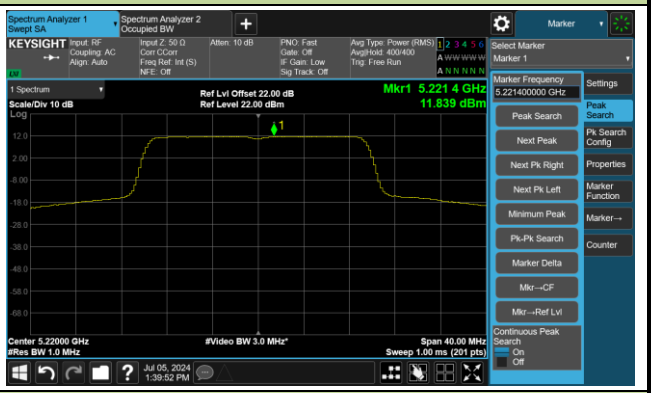
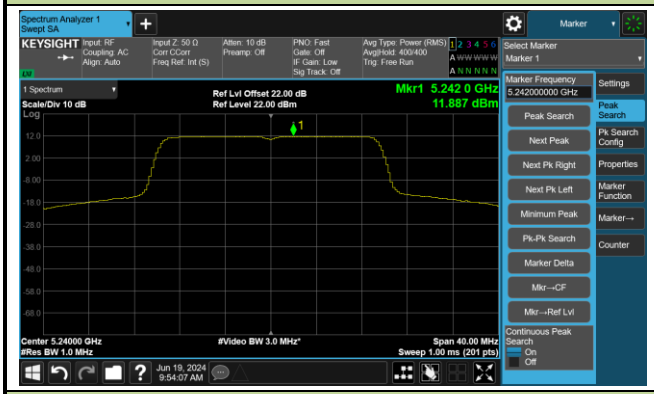
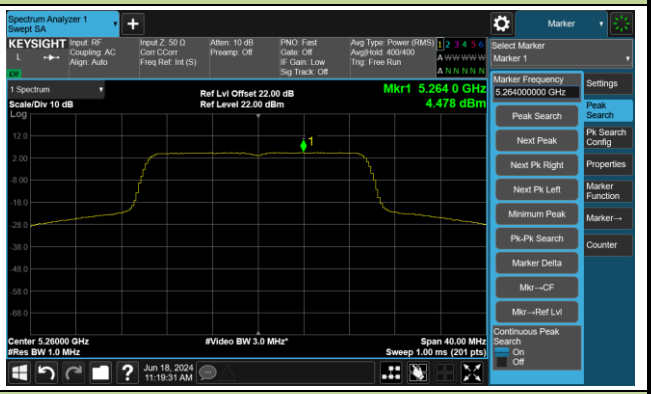
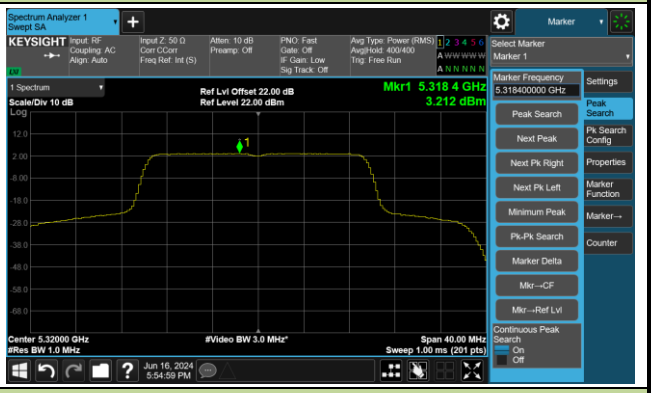
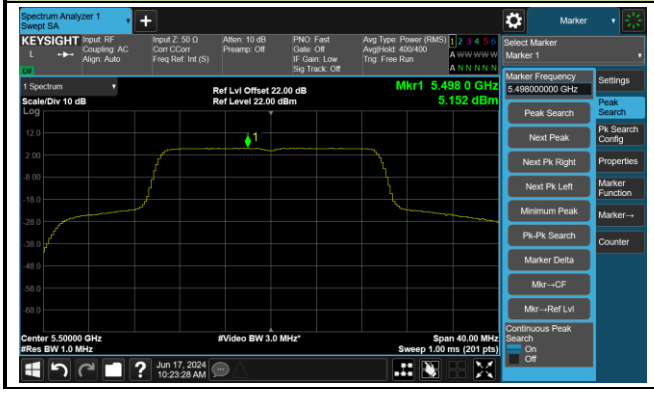
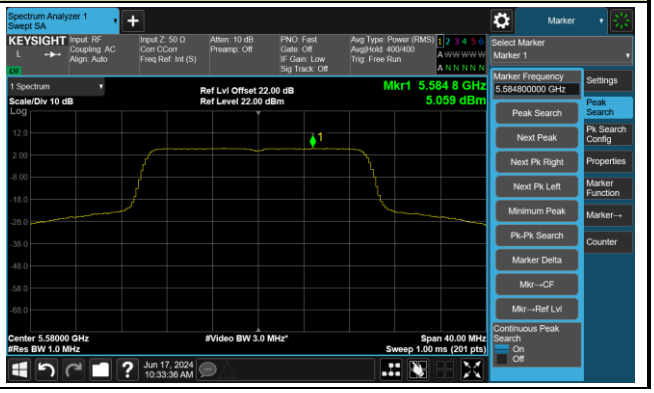
802.11ax-HE20 Power Spectral Density - Ant 3	
Channel 140 (5700MHz)	Channel 144(5720MHz)
	
Channel 149 (5745MHz)	Channel 157 (5785MHz)
	
Channel 165 (5825MHz)	
	

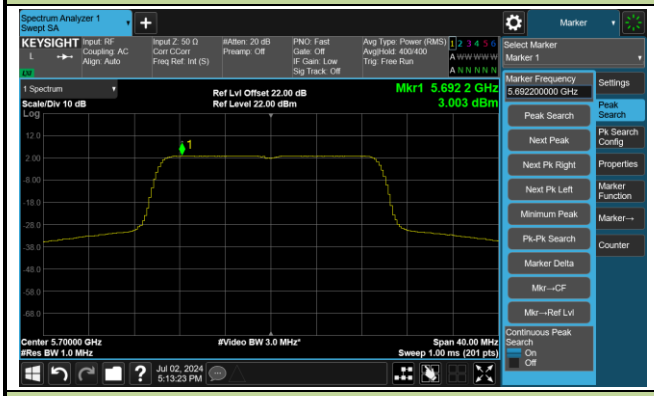
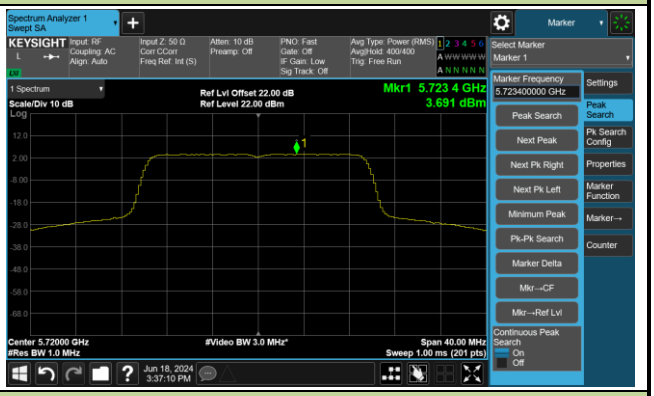
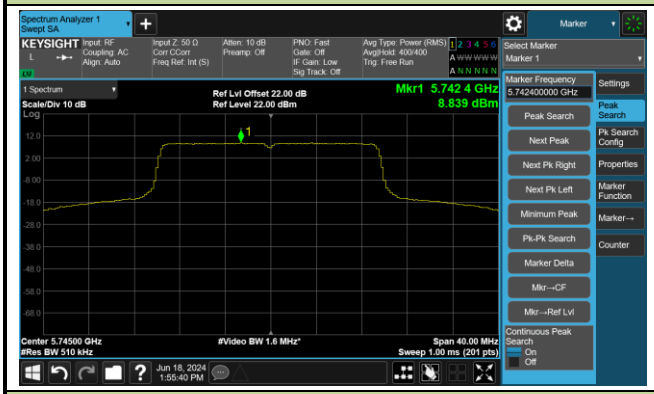
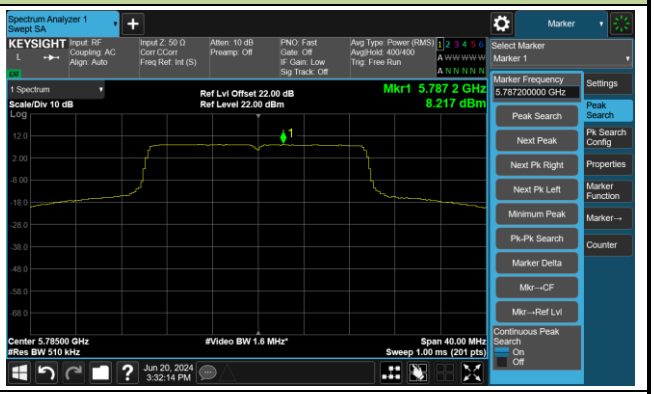
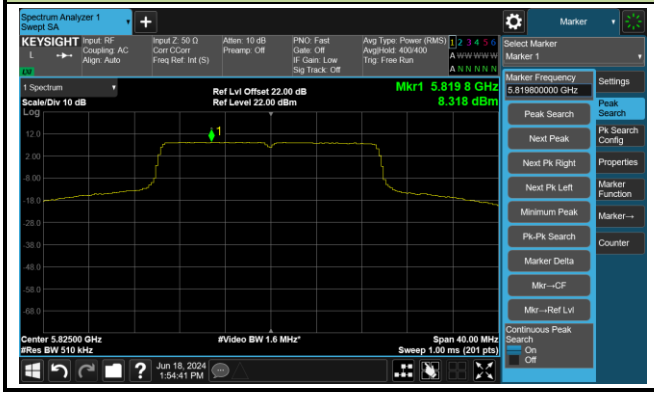
802.11ax-HE40 Power Spectral Density - Ant 3	
Channel 38 (5190MHz)	Channel 46 (5230MHz)
	
Channel 54 (5270MHz)	Channel 62 (5310MHz)
	
Channel 102 (5510MHz)	Channel 110 (5550MHz)
	
Channel 134 (5670MHz)	Channel 142(5710MHz)
	

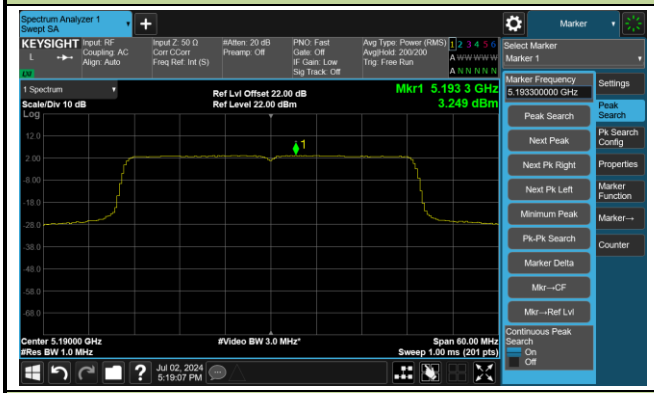
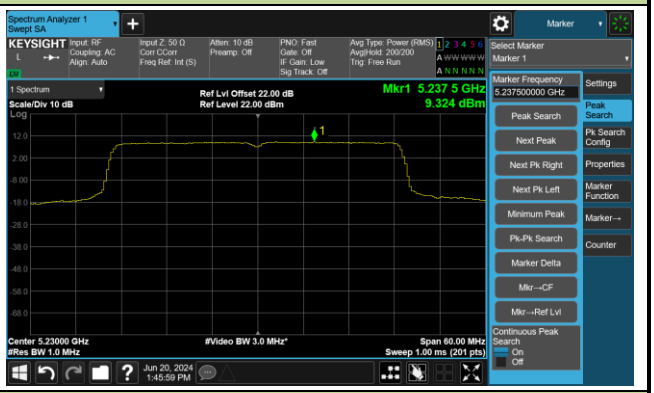
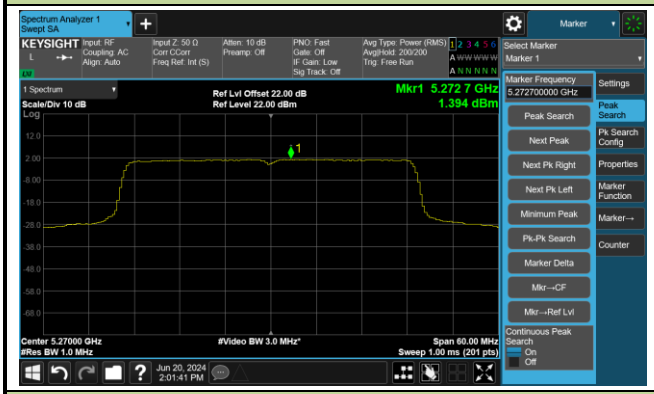
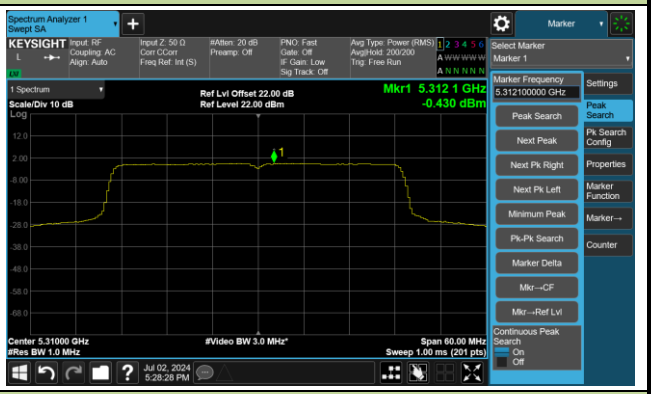
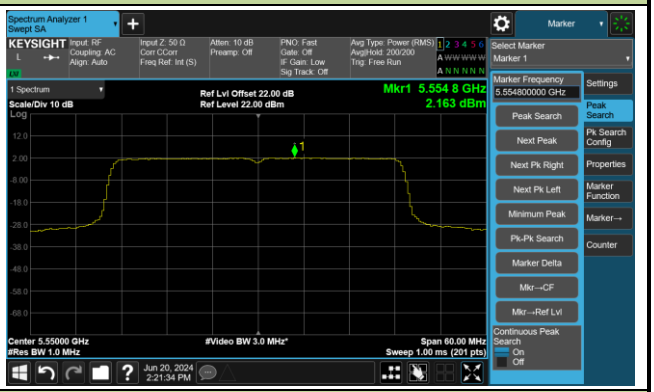
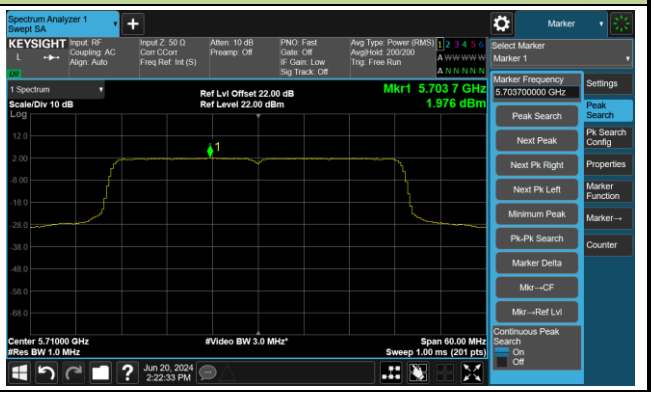
802.11ax-HE40 Power Spectral Density - Ant 3	
Channel 151 (5755MHz)	Channel 159 (5795MHz)
	

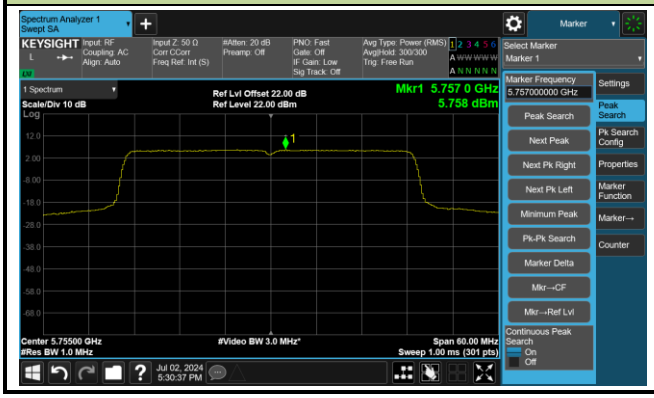
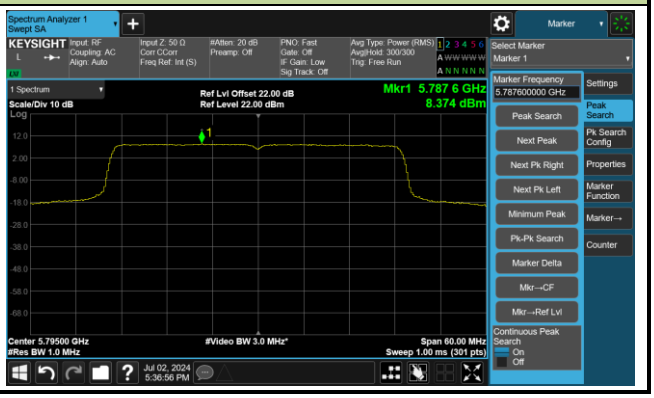
802.11ax-HE80 Power Spectral Density - Ant 3	
Channel 42 (5210MHz)	Channel 58 (5290MHz)
	
Channel 106 (5530MHz)	Channel 122 (5610MHz)
	
Channel 138 (5690MHz)	Channel 155 (5775MHz)
	

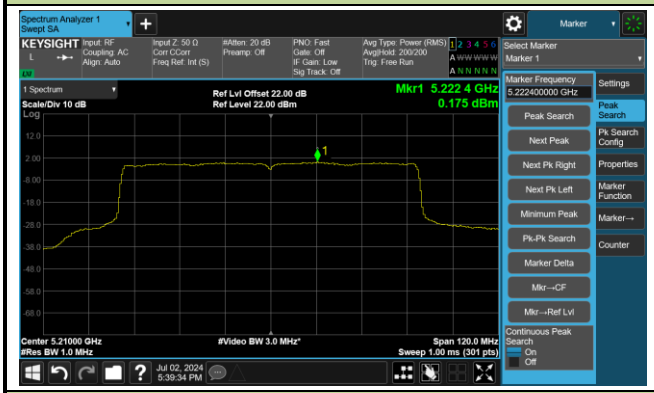
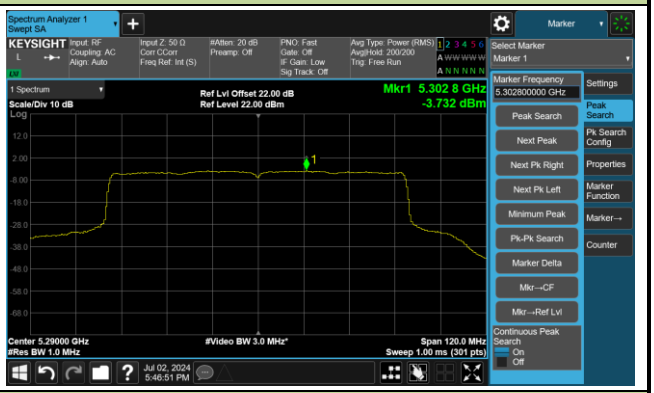
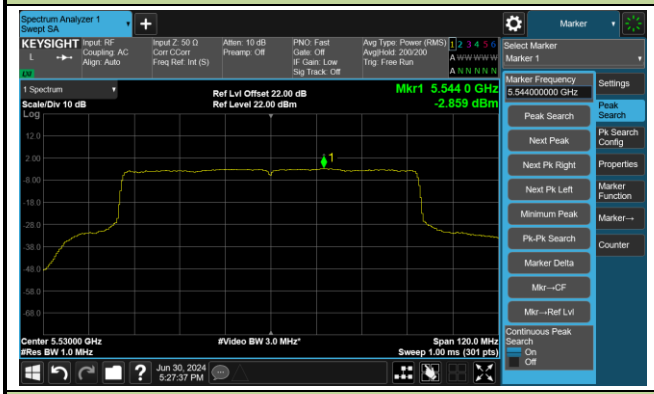
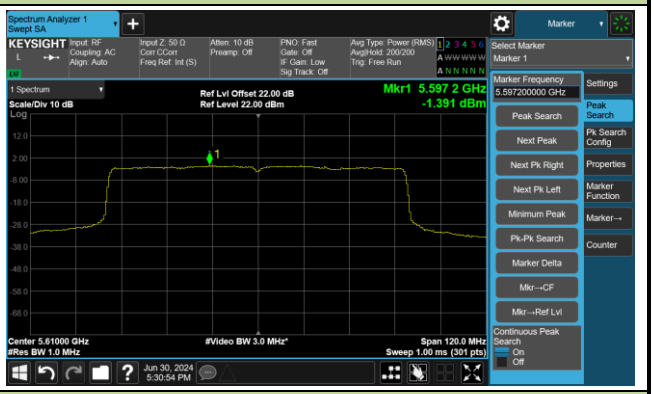
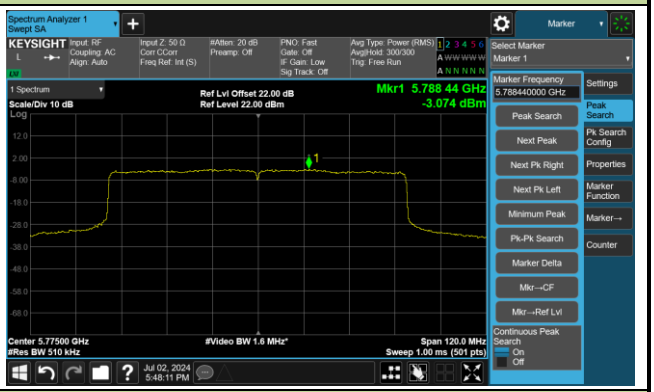
802.11ax-HE160 Power Spectral Density - Ant 3	
Channel 50 (5250MHz)	Channel 114 (5570MHz)
	

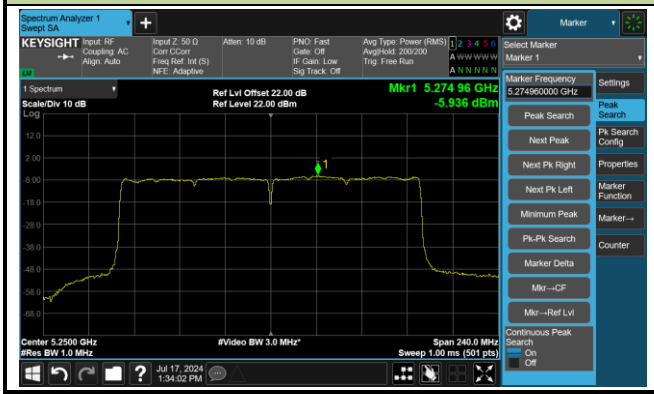
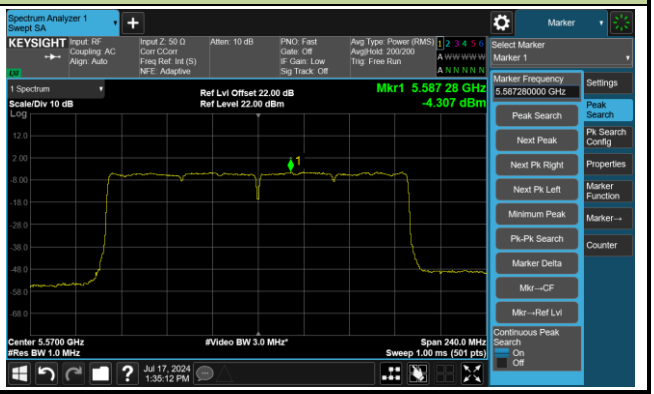
802.11be-EHT20 Power Spectral Density - Ant 3	
Channel 36 (5180MHz)	Channel 44 (5220MHz)
	
Channel 48 (5240MHz)	Channel 52 (5260MHz)
	
Channel 60 (5300MHz)	Channel 64 (5320MHz)
	
Channel 100 (5500MHz)	Channel 116 (5580MHz)
	

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	2024-07-01 ~ 2024-07-03	Test Mode	5180MHz (Carrier Mode)

Voltage (%)	Power (VAC)	Temp (°C)	Frequency Tolerance (ppm)			
			0 minutes	2 minutes	5 minutes	10 minutes
100%	120	- 30	16.78	16.75	16.76	16.71
		- 20	16.66	16.67	16.88	16.67
		- 10	13.92	13.41	13.25	13.21
		0	10.63	9.90	9.46	9.23
		+ 10	5.65	4.72	4.65	6.73
		+ 20	-4.43	-4.68	-4.93	-5.17
		+ 30	-3.08	-3.06	-3.04	-3.07
		+ 40	-8.86	-8.03	-7.25	-6.94
		+ 50	-8.54	-8.57	-8.66	-8.78
115%	138	+ 20	-5.17	-5.66	-6.01	-6.37
85%	102	+ 20	-5.08	-5.31	-5.43	-5.50

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	Justin Guo
Test Date	2024-07-01 ~ 2024-07-02	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
*	10316.0	49.3	1.5	50.8	68.2	-17.4	Peak	Horizontal
*	14056.0	47.1	1.3	48.4	68.2	-19.8	Peak	Horizontal
	15577.5	45.7	5.7	51.4	74.0	-22.6	Peak	Horizontal
	15577.5	33.9	5.7	39.6	54.0	-14.4	Average	Horizontal
	17847.0	43.8	9.5	53.3	74.0	-20.7	Peak	Horizontal
	17847.0	33.0	9.5	42.5	54.0	-11.5	Average	Horizontal
*	10316.0	46.5	1.5	48.0	68.2	-20.2	Peak	Vertical
*	14124.0	45.7	2.2	47.9	68.2	-20.3	Peak	Vertical
	15645.5	45.2	5.5	50.7	74.0	-23.3	Peak	Vertical
	17838.5	44.9	8.8	53.7	74.0	-20.3	Peak	Vertical
	17838.5	33.3	8.8	42.1	54.0	-11.9	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	Justin Guo
Test Date	2024-07-01 ~ 2024-07-02	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
*	10316.0	50.9	1.5	52.4	68.2	-15.8	Peak	Horizontal
	11098.0	46.6	0.9	47.5	74.0	-26.5	Peak	Horizontal
*	14056.0	46.9	1.3	48.2	68.2	-20.0	Peak	Horizontal
	15943.0	44.0	6.2	50.2	74.0	-23.8	Peak	Horizontal
*	10316.0	46.1	1.5	47.6	68.2	-20.6	Peak	Vertical
	10834.5	47.2	0.7	47.9	74.0	-26.1	Peak	Vertical
*	13996.5	45.6	2.0	47.6	68.2	-20.6	Peak	Vertical
	15968.5	44.8	6.4	51.2	74.0	-22.8	Peak	Vertical
	15968.5	33.2	6.4	39.6	54.0	-14.4	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	Justin Guo
Test Date	2024-07-01 ~ 2024-07-02	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
*	10316.0	49.7	1.5	51.2	68.2	-17.0	Peak	Horizontal
	10860.0	47.0	0.8	47.8	74.0	-26.2	Peak	Horizontal
*	14013.5	46.6	2.5	49.1	68.2	-19.1	Peak	Horizontal
	15832.5	43.9	5.8	49.7	74.0	-24.3	Peak	Horizontal
*	10324.5	46.1	1.2	47.3	68.2	-20.9	Peak	Vertical
	11106.5	46.5	0.6	47.1	74.0	-26.9	Peak	Vertical
*	14149.5	46.2	1.8	48.0	68.2	-20.2	Peak	Vertical
	15577.5	43.1	5.7	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	Justin Guo
Test Date	2024-07-01 ~ 2024-07-02	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
*	10316.0	50.1	1.5	51.6	68.2	-16.6	Peak	Horizontal
	11616.5	48.3	-0.5	47.8	74.0	-26.2	Peak	Horizontal
*	14073.0	46.3	1.7	48.0	68.2	-20.2	Peak	Horizontal
	15628.5	45.0	5.9	50.9	74.0	-23.1	Peak	Horizontal
*	10316.0	47.6	1.5	49.1	68.2	-19.1	Peak	Vertical
	11548.5	48.1	-0.4	47.7	74.0	-26.3	Peak	Vertical
*	14132.5	45.8	2.2	48.0	68.2	-20.2	Peak	Vertical
	15501.0	44.6	5.6	50.2	74.0	-23.8	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	2024-07-01 ~ 2024-07-02	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
*	10316.0	50.6	1.5	52.1	68.2	-16.1	Peak	Horizontal
	10817.5	47.9	0.6	48.5	74.0	-25.5	Peak	Horizontal
*	14013.5	45.2	2.5	47.7	68.2	-20.5	Peak	Horizontal
	15603.0	45.4	5.4	50.8	74.0	-23.2	Peak	Horizontal
*	10307.5	46.5	1.3	47.8	68.2	-20.4	Peak	Vertical
	10970.5	48.2	0.2	48.4	74.0	-25.6	Peak	Vertical
*	14234.5	46.8	1.9	48.7	68.2	-19.5	Peak	Vertical
	15934.5	44.4	5.8	50.2	74.0	-23.8	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	2024-07-01 ~ 2024-07-02	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
*	10316.0	51.4	1.5	52.9	68.2	-15.3	Peak	Horizontal
	10851.5	47.4	0.7	48.1	74.0	-25.9	Peak	Horizontal
*	14005.0	45.9	2.6	48.5	68.2	-19.7	Peak	Horizontal
	15620.0	46.0	6.2	52.2	74.0	-21.8	Peak	Horizontal
	15620.0	33.5	6.2	39.7	54.0	-14.3	Average	Horizontal
*	10316.0	46.3	1.5	47.8	68.2	-20.4	Peak	Vertical
	11081.0	46.6	0.6	47.2	74.0	-26.8	Peak	Vertical
*	14141.0	46.8	2.1	48.9	68.2	-19.3	Peak	Vertical
	15841.0	44.1	5.8	49.9	74.0	-24.1	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	2024-07-01 ~ 2024-07-02	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
*	10316.0	52.0	1.5	53.5	68.2	-14.7	Peak	Horizontal
	10860.0	47.5	0.8	48.3	74.0	-25.7	Peak	Horizontal
*	14013.5	45.9	2.5	48.4	68.2	-19.8	Peak	Horizontal
	15603.0	45.0	5.4	50.4	74.0	-23.6	Peak	Horizontal
*	10316.0	45.9	1.5	47.4	68.2	-20.8	Peak	Vertical
	10962.0	47.5	0.1	47.6	74.0	-26.4	Peak	Vertical
*	14217.5	45.9	1.8	47.7	68.2	-20.5	Peak	Vertical
	15713.5	43.6	5.6	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	Justin Guo
Test Date	2024-07-01 ~ 2024-07-02	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
*	10316.0	51.5	1.5	53.0	68.2	-15.2	Peak	Horizontal
	10843.0	47.6	0.5	48.1	74.0	-25.9	Peak	Horizontal
	15492.5	45.2	5.1	50.3	74.0	-23.7	Peak	Horizontal
*	17524.0	47.6	7.8	55.4	68.2	-12.8	Peak	Horizontal
*	10316.0	46.2	1.5	47.7	68.2	-20.5	Peak	Vertical
	10843.0	47.7	0.5	48.2	74.0	-25.8	Peak	Vertical
*	13996.5	46.2	2.0	48.2	68.2	-20.0	Peak	Vertical
	15620.0	45.5	6.2	51.7	74.0	-22.3	Peak	Vertical
	15620.0	33.6	6.2	39.8	54.0	-14.2	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	Justin Guo
Test Date	2024-07-01 ~ 2024-07-02	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
*	10316.0	51.2	1.5	52.7	68.2	-15.5	Peak	Horizontal
	10936.5	46.9	0.5	47.4	74.0	-26.6	Peak	Horizontal
*	14013.5	45.9	2.5	48.4	68.2	-19.8	Peak	Horizontal
	15654.0	45.3	5.3	50.6	74.0	-23.4	Peak	Horizontal
*	10316.0	47.4	1.5	48.9	68.2	-19.3	Peak	Vertical
	10962.0	47.2	0.1	47.3	74.0	-26.7	Peak	Vertical
*	13903.0	47.0	0.9	47.9	68.2	-20.3	Peak	Vertical
	15960.0	44.8	6.9	51.7	74.0	-22.3	Peak	Vertical
	15960.0	32.9	6.9	39.8	54.0	-14.2	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	Justin Guo
Test Date	2024-07-01 ~ 2024-07-02	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
*	10316.0	51.7	1.5	53.2	68.2	-15.0	Peak	Horizontal
	10758.0	46.6	1.0	47.6	74.0	-26.4	Peak	Horizontal
*	14226.0	45.8	1.9	47.7	68.2	-20.5	Peak	Horizontal
	15620.0	44.7	6.2	50.9	74.0	-23.1	Peak	Horizontal
*	10316.0	46.7	1.5	48.2	68.2	-20.0	Peak	Vertical
	11497.5	47.4	0.0	47.4	74.0	-26.6	Peak	Vertical
*	14115.5	46.5	1.9	48.4	68.2	-19.8	Peak	Vertical
	15637.0	45.1	5.6	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	Justin Guo
Test Date	2024-07-01 ~ 2024-07-02	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
*	10316.0	51.5	1.5	53.0	68.2	-15.2	Peak	Horizontal
	11480.5	48.6	0.1	48.7	74.0	-25.3	Peak	Horizontal
	16096.0	46.2	5.8	52.0	74.0	-22.0	Peak	Horizontal
	16096.0	34.2	5.8	40.0	54.0	-14.0	Average	Horizontal
*	17235.0	47.2	7.0	54.2	68.2	-14.0	Peak	Horizontal
*	10316.0	47.3	1.5	48.8	68.2	-19.4	Peak	Vertical
	10860.0	46.5	0.8	47.3	74.0	-26.7	Peak	Vertical
*	13954.0	46.6	1.0	47.6	68.2	-20.6	Peak	Vertical
	15611.5	44.9	5.8	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	Justin Guo
Test Date	2024-07-01 ~ 2024-07-02	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
*	10316.0	52.3	1.5	53.8	68.2	-14.4	Peak	Horizontal
	11565.5	49.9	-0.2	49.7	74.0	-24.3	Peak	Horizontal
	15824.0	45.0	5.7	50.7	74.0	-23.3	Peak	Horizontal
*	17354.0	52.5	7.2	59.7	68.2	-8.5	Peak	Horizontal
*	10316.0	46.9	1.5	48.4	68.2	-19.8	Peak	Vertical
	11064.0	47.1	0.7	47.8	74.0	-26.2	Peak	Vertical
*	14005.0	45.4	2.6	48.0	68.2	-20.2	Peak	Vertical
	15645.5	45.0	5.5	50.5	74.0	-23.5	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	2024-07-01 ~ 2024-07-02	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
*	10307.5	46.7	1.3	48.0	68.2	-20.2	Peak	Horizontal
	11064.0	47.2	0.7	47.9	74.0	-26.1	Peak	Horizontal
	15620.0	44.3	6.2	50.5	74.0	-23.5	Peak	Horizontal
*	17464.5	50.5	7.8	58.3	68.2	-9.9	Peak	Horizontal
*	10197.0	46.8	0.5	47.3	68.2	-20.9	Peak	Vertical
	11404.0	48.3	-0.3	48.0	74.0	-26.0	Peak	Vertical
	15713.5	44.3	5.6	49.9	74.0	-24.1	Peak	Vertical
*	17481.5	50.5	7.3	57.8	68.2	-10.4	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	2024-07-01 ~ 2024-07-02	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
*	10316.0	52.7	1.5	54.2	68.2	-14.0	Peak	10316.0
	10843.0	47.6	0.5	48.1	74.0	-25.9	Peak	10843.0
*	14005.0	45.5	2.6	48.1	68.2	-20.1	Peak	14005.0
	15637.0	46.4	5.6	52.0	74.0	-22.0	Peak	15637.0
	15637.0	33.5	5.6	39.1	54.0	-14.9	Average	15637.0
*	10316.0	46.5	1.5	48.0	68.2	-20.2	Peak	10316.0
	11081.0	46.9	0.6	47.5	74.0	-26.5	Peak	11081.0
*	14022.0	45.7	2.5	48.2	68.2	-20.0	Peak	14022.0
	15594.5	45.6	5.5	51.1	74.0	-22.9	Peak	15594.5
	15594.5	33.4	5.5	38.9	54.0	-15.1	Average	15594.5

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	2024-07-01 ~ 2024-07-02	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
*	10316.0	50.9	1.5	52.4	68.2	-15.8	Peak	Horizontal
	11106.5	47.1	0.6	47.7	74.0	-26.3	Peak	Horizontal
*	14022.0	46.4	2.5	48.9	68.2	-19.3	Peak	Horizontal
	15654.0	45.5	5.3	50.8	74.0	-23.2	Peak	Horizontal
*	10299.0	46.5	1.1	47.6	68.2	-20.6	Peak	Vertical
	11565.5	48.3	-0.2	48.1	74.0	-25.9	Peak	Vertical
*	14013.5	45.2	2.5	47.7	68.2	-20.5	Peak	Vertical
	15841.0	44.1	5.8	49.9	74.0	-24.1	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	2024-07-01 ~ 2024-07-02	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
*	10316.0	51.7	1.5	53.2	68.2	-15.0	Peak	Horizontal
	11523.0	48.5	-0.4	48.1	74.0	-25.9	Peak	Horizontal
*	14115.5	46.4	1.9	48.3	68.2	-19.9	Peak	Horizontal
	15569.0	44.7	5.9	50.6	74.0	-23.4	Peak	Horizontal
*	9806.0	46.6	0.4	47.0	68.2	-21.2	Peak	Vertical
	10758.0	46.7	1.0	47.7	74.0	-26.3	Peak	Vertical
*	14030.5	46.1	2.1	48.2	68.2	-20.0	Peak	Vertical
	15713.5	45.8	5.6	51.4	74.0	-22.6	Peak	Vertical
	15713.5	33.5	5.6	39.1	54.0	-14.9	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	Justin Guo
Test Date	2024-07-01 ~ 2024-07-02	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
	9134.5	48.8	-1.5	47.3	74.0	-26.7	Peak	Horizontal
*	10316.0	49.9	2.9	52.8	68.2	-15.4	Peak	Horizontal
	11616.5	48.9	1.1	50.0	74.0	-24.0	Peak	Horizontal
*	14226.0	46.8	3.3	50.1	68.2	-18.1	Peak	Horizontal
	9364.0	47.7	-0.4	47.3	74.0	-26.7	Peak	Vertical
*	10248.0	48.0	1.1	49.1	68.2	-19.1	Peak	Vertical
	10877.0	47.1	2.7	49.8	74.0	-24.2	Peak	Vertical
*	14634.0	46.2	3.6	49.8	68.2	-18.4	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Justin Guo
Test Date	2024-07-01 ~ 2024-07-02	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
	9355.5	48.4	-0.8	47.6	74.0	-26.4	Peak	Horizontal
*	10316.0	49.5	2.9	52.4	68.2	-15.8	Peak	Horizontal
	11472.0	47.9	1.7	49.6	74.0	-24.4	Peak	Horizontal
*	14081.5	46.6	2.7	49.3	68.2	-18.9	Peak	Horizontal
	9338.5	45.6	-1.3	44.3	74.0	-29.7	Peak	Vertical
*	10103.5	48.0	0.5	48.5	68.2	-19.7	Peak	Vertical
	10860.0	47.1	2.8	49.9	74.0	-24.1	Peak	Vertical
*	14404.5	46.6	3.1	49.7	68.2	-18.5	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Justin Guo
Test Date	2024-07-01 ~ 2024-07-02	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
	9364.0	47.0	-0.4	46.6	74.0	-27.4	Peak	Horizontal
*	10316.0	51.0	2.9	53.9	68.2	-14.3	Peak	Horizontal
	11072.5	47.9	2.5	50.4	74.0	-23.6	Peak	Horizontal
*	14234.5	45.9	3.3	49.2	68.2	-19.0	Peak	Horizontal
	9058.0	47.0	-1.9	45.1	74.0	-28.9	Peak	Vertical
*	9976.0	47.7	0.1	47.8	68.2	-20.4	Peak	Vertical
	10800.5	47.8	1.9	49.7	74.0	-24.3	Peak	Vertical
*	14226.0	46.3	3.3	49.6	68.2	-18.6	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Justin Guo
Test Date	2024-07-01 ~ 2024-07-02	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
	9117.5	47.9	-1.6	46.3	74.0	-27.7	Peak	Horizontal
*	10316.0	51.2	2.9	54.1	68.2	-14.1	Peak	Horizontal
	11276.5	48.4	1.3	49.7	74.0	-24.3	Peak	Horizontal
*	14013.5	46.4	3.5	49.9	68.2	-18.3	Peak	Horizontal
	8140.0	49.8	-3.1	46.7	74.0	-27.3	Peak	Vertical
*	9840.0	47.1	1.1	48.2	68.2	-20.0	Peak	Vertical
	10834.5	47.3	2.6	49.9	74.0	-24.1	Peak	Vertical
*	14013.5	46.0	3.5	49.5	68.2	-18.7	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	2024-07-01 ~ 2024-07-02	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
	9075.0	46.4	-2.0	44.4	74.0	-29.6	Peak	Horizontal
*	10316.0	50.5	2.9	53.4	68.2	-14.8	Peak	Horizontal
	11531.5	47.9	1.5	49.4	74.0	-24.6	Peak	Horizontal
*	16283.0	47.2	3.0	50.2	68.2	-18.0	Peak	Horizontal
	9075.0	48.1	-2.0	46.1	74.0	-27.9	Peak	Vertical
*	10137.5	47.7	0.6	48.3	68.2	-19.9	Peak	Vertical
	10834.5	47.4	2.6	50.0	74.0	-24.0	Peak	Vertical
*	14243.0	46.2	3.3	49.5	68.2	-18.7	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	2024-07-01 ~ 2024-07-02	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
	9109.0	48.3	-1.9	46.4	74.0	-27.6	Peak	Horizontal
*	10316.0	49.7	2.9	52.6	68.2	-15.6	Peak	Horizontal
	11480.5	48.1	1.9	50.0	74.0	-24.0	Peak	Horizontal
*	14336.5	46.9	3.2	50.1	68.2	-18.1	Peak	Horizontal
	9177.0	48.2	-1.6	46.6	74.0	-27.4	Peak	Vertical
*	10299.0	46.8	2.4	49.2	68.2	-19.0	Peak	Vertical
	10996.0	47.9	2.3	50.2	74.0	-23.8	Peak	Vertical
*	14149.5	46.3	3.0	49.3	68.2	-18.9	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	2024-07-01 ~ 2024-07-02	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
	9083.5	49.8	-2.0	47.8	74.0	-26.2	Peak	Horizontal
*	10316.0	49.6	2.9	52.5	68.2	-15.7	Peak	Horizontal
	10970.5	46.7	2.2	48.9	74.0	-25.1	Peak	Horizontal
*	14124.0	46.3	3.3	49.6	68.2	-18.6	Peak	Horizontal
	9491.5	48.3	-1.0	47.3	74.0	-26.7	Peak	Vertical
	10860.0	48.2	2.8	51.0	74.0	-23.0	Peak	Vertical
*	13597.0	48.4	0.6	49.0	68.2	-19.2	Peak	Vertical
*	14540.5	46.3	3.6	49.9	68.2	-18.3	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	2024-07-01 ~ 2024-07-02	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
	9134.5	47.0	-1.5	45.5	74.0	-28.5	Peak	Horizontal
*	10316.0	49.4	2.9	52.3	68.2	-15.9	Peak	Horizontal
	11319.0	48.0	1.0	49.0	74.0	-25.0	Peak	Horizontal
*	14005.0	45.8	3.5	49.3	68.2	-18.9	Peak	Horizontal
	9109.0	47.9	-1.9	46.0	74.0	-28.0	Peak	Vertical
	10630.5	48.0	2.5	50.5	74.0	-23.5	Peak	Vertical
	11489.0	47.7	2.1	49.8	74.0	-24.2	Peak	Vertical
*	14430.0	46.0	3.5	49.5	68.2	-18.7	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	2024-07-01 ~ 2024-07-02	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
*	10316.0	49.5	2.9	52.4	68.2	-15.8	Peak	Horizontal
	11574.0	49.0	1.8	50.8	74.0	-23.2	Peak	Horizontal
	15501.0	44.7	3.5	48.2	74.0	-25.8	Peak	Horizontal
*	17362.5	49.0	6.3	55.3	68.2	-12.9	Peak	Horizontal
	9100.5	48.6	-2.0	46.6	74.0	-27.4	Peak	Vertical
	11123.5	47.8	1.8	49.6	74.0	-24.4	Peak	Vertical
*	14438.5	46.9	3.2	50.1	68.2	-18.1	Peak	Vertical
*	17354.0	46.2	6.1	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-AC3	Test Engineer	Justin Guo
Test Date	2024-07-01 ~ 2024-07-02	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
	9049.5	47.2	-2.1	45.1	74.0	-28.9	Peak	Horizontal
*	10316.0	49.2	2.9	52.1	68.2	-16.1	Peak	Horizontal
	11650.5	50.9	0.8	51.7	74.0	-22.3	Peak	Horizontal
*	17473.0	49.7	6.8	56.5	68.2	-11.7	Peak	Horizontal
	9109.0	47.9	-1.9	46.0	74.0	-28.0	Peak	Vertical
	10851.5	47.2	2.6	49.8	74.0	-24.2	Peak	Vertical
*	14141.0	46.4	3.3	49.7	68.2	-18.5	Peak	Vertical
*	17473.0	48.7	6.8	55.5	68.2	-12.7	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	2024-07-01 ~ 2024-07-02	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
	8199.5	48.2	-2.9	45.3	74.0	-28.7	Peak	Horizontal
*	10129.0	48.6	0.5	49.1	68.2	-19.1	Peak	Horizontal
	11149.0	49.3	1.2	50.5	74.0	-23.5	Peak	Horizontal
*	14149.5	46.4	3.0	49.4	68.2	-18.8	Peak	Horizontal
*	9653.0	47.2	0.1	47.3	68.2	-20.9	Peak	Vertical
	10613.5	48.6	1.9	50.5	74.0	-23.5	Peak	Vertical
	11633.5	48.4	1.0	49.4	74.0	-24.6	Peak	Vertical
*	14234.5	47.1	3.3	50.4	68.2	-17.8	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	2024-07-01 ~ 2024-07-02	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
	9083.5	48.3	-2.0	46.3	74.0	-27.7	Peak	Horizontal
*	10316.0	49.3	2.9	52.2	68.2	-16.0	Peak	Horizontal
	11064.0	48.0	2.6	50.6	74.0	-23.4	Peak	Horizontal
*	14226.0	46.4	3.3	49.7	68.2	-18.5	Peak	Horizontal
	9117.5	47.8	-1.6	46.2	74.0	-27.8	Peak	Vertical
*	9823.0	47.0	0.6	47.6	68.2	-20.6	Peak	Vertical
	11098.0	48.1	2.7	50.8	74.0	-23.2	Peak	Vertical
*	14149.5	46.6	3.0	49.6	68.2	-18.6	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Justin Guo
Test Date	2024-07-01 ~ 2024-07-02	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
	9049.5	48.8	-2.1	46.7	74.0	-27.3	Peak	Horizontal
*	10316.0	49.5	2.9	52.4	68.2	-15.8	Peak	Horizontal
	11064.0	48.3	2.6	50.9	74.0	-23.1	Peak	Horizontal
*	14132.5	46.8	3.3	50.1	68.2	-18.1	Peak	Horizontal
	9100.5	48.4	-2.0	46.4	74.0	-27.6	Peak	Vertical
*	9772.0	47.3	1.0	48.3	68.2	-19.9	Peak	Vertical
	11098.0	47.8	2.7	50.5	74.0	-23.5	Peak	Vertical
*	14192.0	47.0	2.8	49.8	68.2	-18.4	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Justin Guo
Test Date	2024-07-01 ~ 2024-07-02	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
	9032.5	48.7	-2.2	46.5	74.0	-27.5	Peak	Horizontal
*	10316.0	49.8	2.9	52.7	68.2	-15.5	Peak	Horizontal
	11438.0	47.9	1.4	49.3	74.0	-24.7	Peak	Horizontal
*	14345.0	47.0	3.0	50.0	68.2	-18.2	Peak	Horizontal
	9100.5	46.4	-2.0	44.4	74.0	-29.6	Peak	Vertical
*	10120.5	47.1	0.5	47.6	68.2	-20.6	Peak	Vertical
	10987.5	47.8	2.2	50.0	74.0	-24.0	Peak	Vertical
*	14285.5	47.1	2.7	49.8	68.2	-18.4	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Justin Guo
Test Date	2024-07-01 ~ 2024-07-02	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
	9049.5	48.5	-2.1	46.4	74.0	-27.6	Peak	Horizontal
*	10316.0	49.8	2.9	52.7	68.2	-15.5	Peak	Horizontal
	11412.5	48.0	1.5	49.5	74.0	-24.5	Peak	Horizontal
*	13996.5	46.1	3.0	49.1	68.2	-19.1	Peak	Horizontal
	9100.5	47.1	-2.0	45.1	74.0	-28.9	Peak	Vertical
*	10205.5	47.5	1.4	48.9	68.2	-19.3	Peak	Vertical
	11370.0	47.5	1.7	49.2	74.0	-24.8	Peak	Vertical
*	14294.0	46.9	2.7	49.6	68.2	-18.6	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Justin Guo
Test Date	2024-07-01 ~ 2024-07-02	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
	9168.5	47.5	-1.7	45.8	74.0	-28.2	Peak	Horizontal
*	10316.0	49.3	2.9	52.2	68.2	-16.0	Peak	Horizontal
	11353.0	47.8	1.5	49.3	74.0	-24.7	Peak	Horizontal
*	14217.5	46.4	3.1	49.5	68.2	-18.7	Peak	Horizontal
	9092.0	48.2	-2.1	46.1	74.0	-27.9	Peak	Vertical
*	10137.5	48.3	0.6	48.9	68.2	-19.3	Peak	Vertical
	11081.0	47.8	2.5	50.3	74.0	-23.7	Peak	Vertical
*	14013.5	46.7	3.5	50.2	68.2	-18.0	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	2024-07-01 ~ 2024-07-02	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
	9168.5	48.2	-1.7	46.5	74.0	-27.5	Peak	Horizontal
*	10316.0	50.3	2.9	53.2	68.2	-15.0	Peak	Horizontal
	11064.0	47.4	2.6	50.0	74.0	-24.0	Peak	Horizontal
*	14132.5	46.2	3.3	49.5	68.2	-18.7	Peak	Horizontal
	9109.0	47.7	-1.9	45.8	74.0	-28.2	Peak	Vertical
*	10163.0	47.3	1.2	48.5	68.2	-19.7	Peak	Vertical
	10902.5	47.5	2.1	49.6	74.0	-24.4	Peak	Vertical
*	14022.0	46.3	3.5	49.8	68.2	-18.4	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Justin Guo
Test Date	2024-07-01 ~ 2024-07-02	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
	9321.5	48.6	-1.3	47.3	74.0	-26.7	Peak	Horizontal
*	10316.0	51.6	2.9	54.5	68.2	-13.7	Peak	Horizontal
	11344.5	47.9	1.4	49.3	74.0	-24.7	Peak	Horizontal
*	14115.5	45.9	3.0	48.9	68.2	-19.3	Peak	Horizontal
	9100.5	48.2	-2.0	46.2	74.0	-27.8	Peak	Vertical
*	9755.0	46.9	0.8	47.7	68.2	-20.5	Peak	Vertical
	11183.0	47.9	1.9	49.8	74.0	-24.2	Peak	Vertical
*	14005.0	46.4	3.5	49.9	68.2	-18.3	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	2024-07-01 ~ 2024-07-02	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
	9049.5	47.0	-2.1	44.9	74.0	-29.1	Peak	Horizontal
*	10316.0	50.6	2.9	53.5	68.2	-14.7	Peak	Horizontal
	11098.0	46.7	2.7	49.4	74.0	-24.6	Peak	Horizontal
*	14098.5	47.1	2.7	49.8	68.2	-18.4	Peak	Horizontal
	9134.5	46.6	-1.5	45.1	74.0	-28.9	Peak	Vertical
*	9755.0	47.7	0.8	48.5	68.2	-19.7	Peak	Vertical
	10749.5	48.0	2.5	50.5	74.0	-23.5	Peak	Vertical
*	14430.0	45.9	3.5	49.4	68.2	-18.8	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	2024-07-01 ~ 2024-07-02	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
	9092.0	48.4	-2.1	46.3	74.0	-27.7	Peak	Horizontal
*	10316.0	49.6	2.9	52.5	68.2	-15.7	Peak	Horizontal
	11557.0	49.0	1.3	50.3	74.0	-23.7	Peak	Horizontal
*	14251.5	46.1	3.2	49.3	68.2	-18.9	Peak	Horizontal
	9100.5	47.7	-2.0	45.7	74.0	-28.3	Peak	Vertical
*	10086.5	47.2	0.5	47.7	68.2	-20.5	Peak	Vertical
	10622.0	48.1	2.2	50.3	74.0	-23.7	Peak	Vertical
*	14260.0	46.2	3.1	49.3	68.2	-18.9	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	2024-07-01 ~ 2024-07-02	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
	9092.0	48.5	-2.1	46.4	74.0	-27.6	Peak	Horizontal
*	10316.0	51.0	2.9	53.9	68.2	-14.3	Peak	Horizontal
	11489.0	47.8	2.1	49.9	74.0	-24.1	Peak	Horizontal
*	14251.5	46.5	3.2	49.7	68.2	-18.5	Peak	Horizontal
	9109.0	48.1	-1.9	46.2	74.0	-27.8	Peak	Vertical
*	10324.5	46.7	2.6	49.3	68.2	-18.9	Peak	Vertical
	11514.5	48.0	1.5	49.5	74.0	-24.5	Peak	Vertical
*	14149.5	46.2	3.0	49.2	68.2	-19.0	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Justin Guo
Test Date	2024-07-01 ~ 2024-07-02	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
	8174.0	48.5	-3.2	45.3	74.0	-28.7	Peak	Horizontal
*	8735.0	48.9	-1.8	47.1	68.2	-21.1	Peak	Horizontal
*	10316.0	49.5	2.9	52.4	68.2	-15.8	Peak	Horizontal
	14472.5	46.5	3.3	49.8	74.0	-24.2	Peak	Horizontal
	9092.0	46.6	-2.1	44.5	74.0	-29.5	Peak	Vertical
*	9687.0	47.8	0.3	48.1	68.2	-20.1	Peak	Vertical
	10622.0	48.3	2.2	50.5	74.0	-23.5	Peak	Vertical
*	14005.0	46.0	3.5	49.5	68.2	-18.7	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	2024-07-01 ~ 2024-07-02	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
	9364.0	48.9	-0.4	48.5	74.0	-25.5	Peak	Horizontal
*	10316.0	50.6	2.9	53.5	68.2	-14.7	Peak	Horizontal
	11200.0	47.9	1.6	49.5	74.0	-24.5	Peak	Horizontal
*	14056.0	47.4	2.4	49.8	68.2	-18.4	Peak	Horizontal
	9066.5	47.6	-1.9	45.7	74.0	-28.3	Peak	Vertical
*	10197.0	48.2	1.6	49.8	68.2	-18.4	Peak	Vertical
	10826.0	47.5	2.7	50.2	74.0	-23.8	Peak	Vertical
*	14115.5	46.2	3.0	49.2	68.2	-19.0	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Justin Guo
Test Date	2024-07-01 ~ 2024-07-02	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
	9049.5	47.4	-2.1	45.3	74.0	-28.7	Peak	Horizontal
*	10316.0	50.1	2.9	53.0	68.2	-15.2	Peak	Horizontal
	11472.0	48.5	1.7	50.2	74.0	-23.8	Peak	Horizontal
*	14141.0	45.9	3.3	49.2	68.2	-19.0	Peak	Horizontal
	9134.5	47.1	-1.5	45.6	74.0	-28.4	Peak	Vertical
*	10018.5	48.1	0.2	48.3	68.2	-19.9	Peak	Vertical
	11064.0	47.8	2.6	50.4	74.0	-23.6	Peak	Vertical
*	14302.5	47.5	2.8	50.3	68.2	-17.9	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Justin Guo
Test Date	2024-07-01 ~ 2024-07-02	Test Mode	802.11ac-VHT80 – Channel 138
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
	9185.5	47.6	-1.6	46.0	74.0	-28.0	Peak	Horizontal
	10707.0	47.7	2.4	50.1	74.0	-23.9	Peak	Horizontal
*	14243.0	46.8	3.3	50.1	68.2	-18.1	Peak	Horizontal
*	15067.5	45.0	3.9	48.9	68.2	-19.3	Peak	Horizontal
	9117.5	47.5	-1.6	45.9	74.0	-28.1	Peak	Vertical
*	9687.0	48.6	0.3	48.9	68.2	-19.3	Peak	Vertical
	10707.0	48.0	2.4	50.4	74.0	-23.6	Peak	Vertical
*	14226.0	46.4	3.3	49.7	68.2	-18.5	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Justin Guo
Test Date	2024-07-01 ~ 2024-07-02	Test Mode	802.11ac-VHT80 – Channel 155
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
	9075.0	46.6	-2.0	44.6	74.0	-29.4	Peak	Horizontal
*	10316.0	49.8	2.9	52.7	68.2	-15.5	Peak	Horizontal
	11480.5	47.1	1.9	49.0	74.0	-25.0	Peak	Horizontal
*	14132.5	46.4	3.3	49.7	68.2	-18.5	Peak	Horizontal
	8089.0	47.9	-2.8	45.1	74.0	-28.9	Peak	Vertical
*	9763.5	47.0	0.9	47.9	68.2	-20.3	Peak	Vertical
	10758.0	47.5	2.7	50.2	74.0	-23.8	Peak	Vertical
*	14141.0	45.7	3.3	49.0	68.2	-19.2	Peak	Vertical

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

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

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