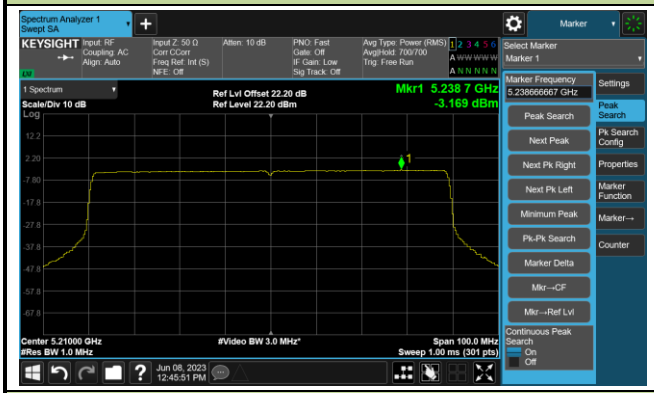
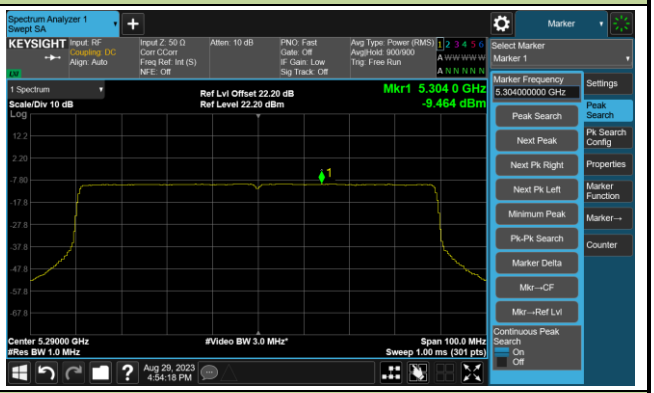
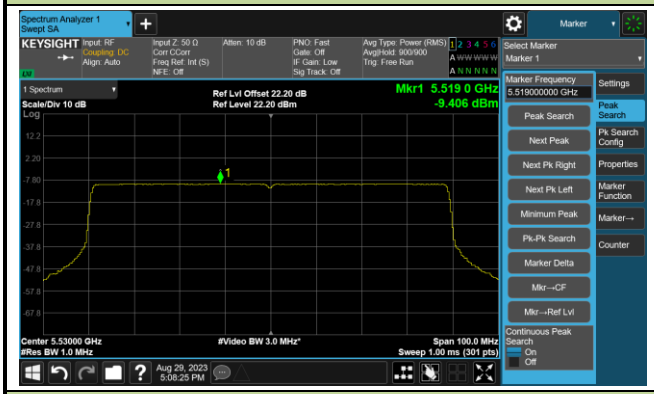
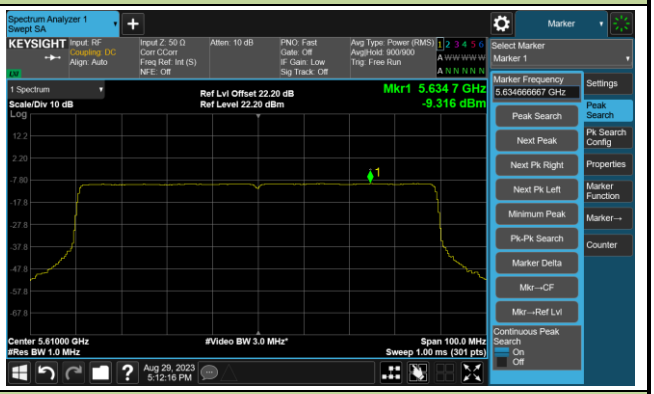
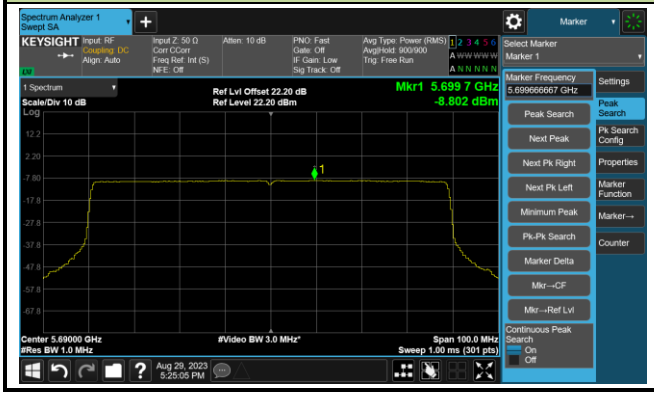
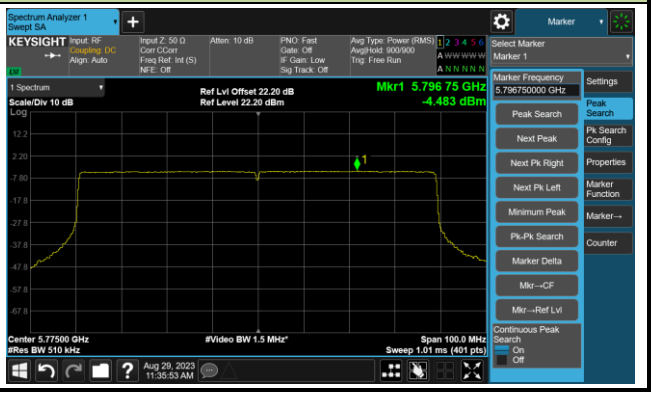
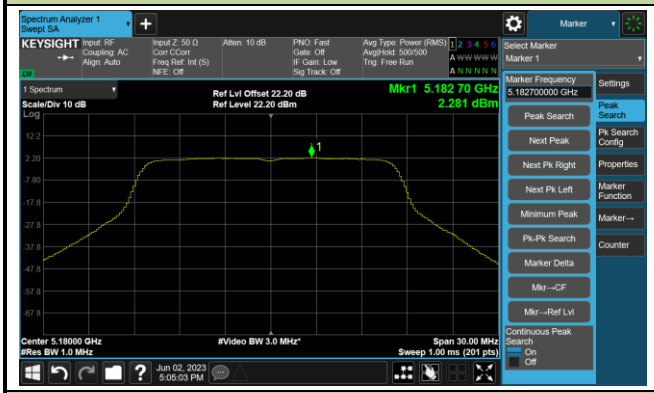
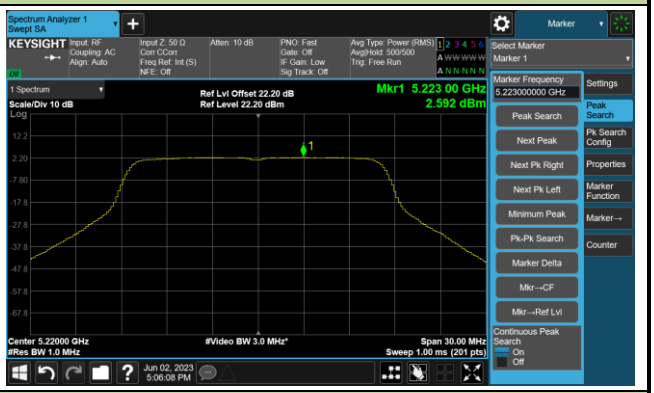
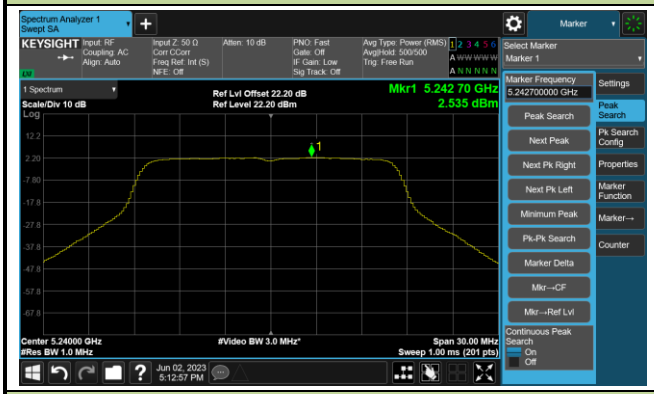
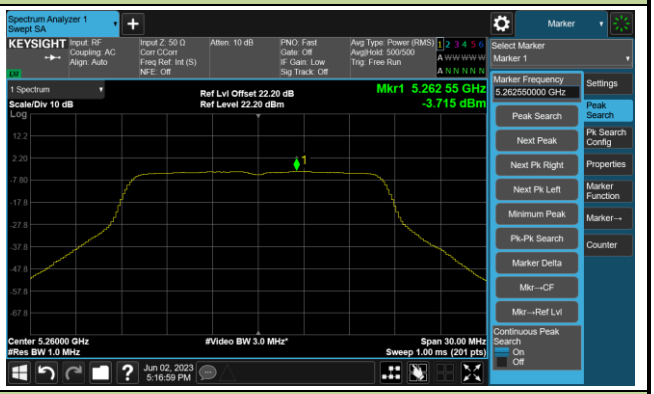
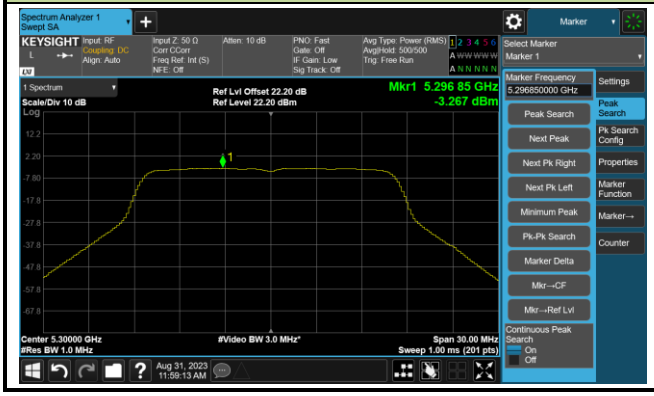
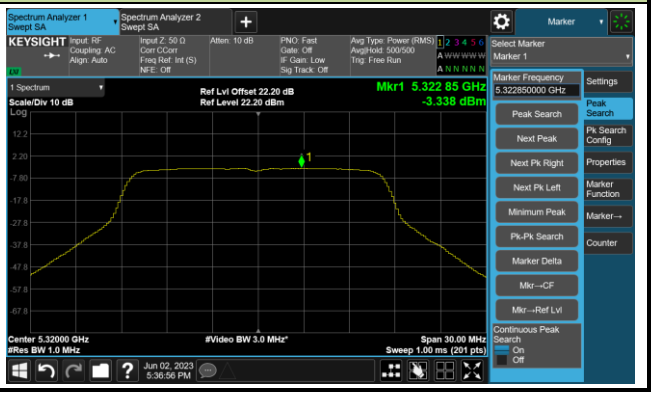
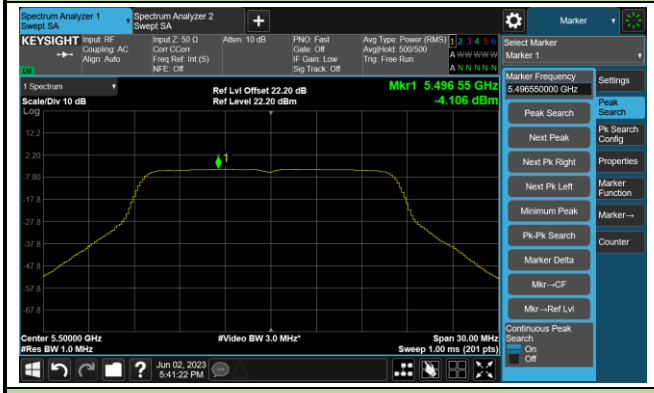
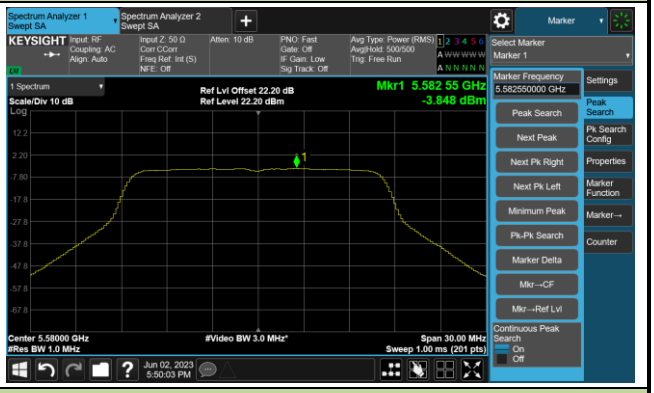
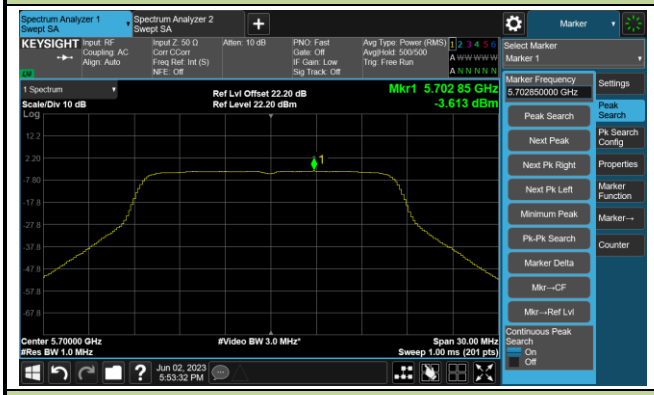
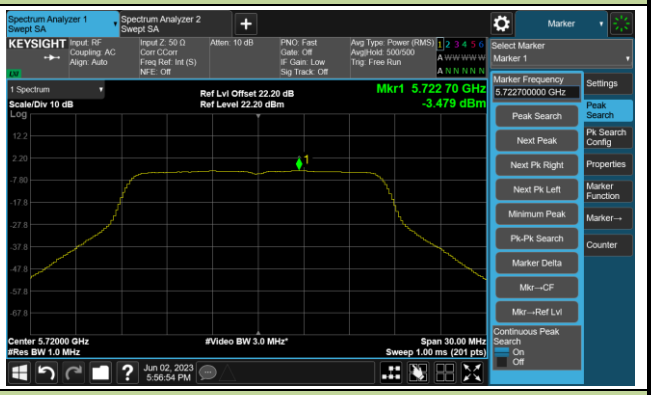
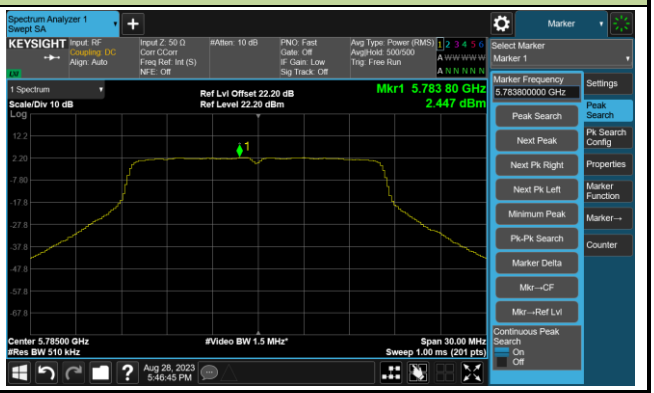
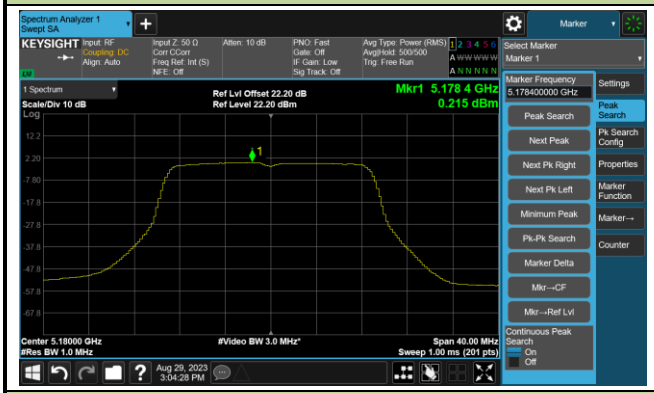
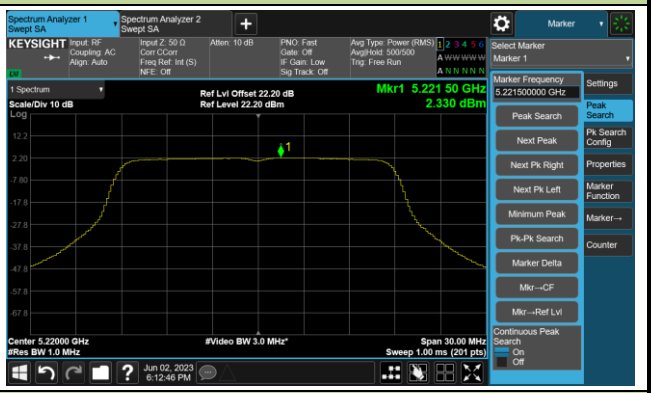
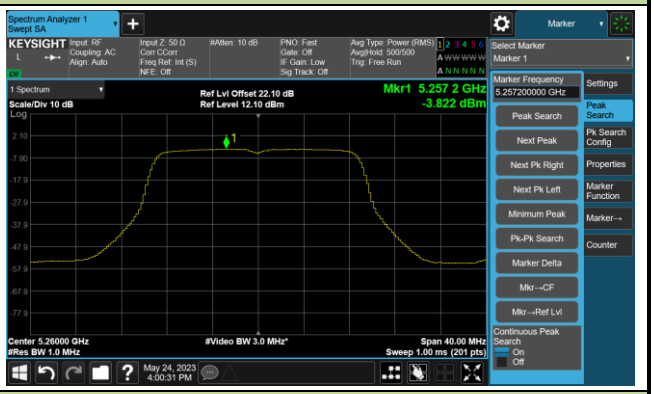
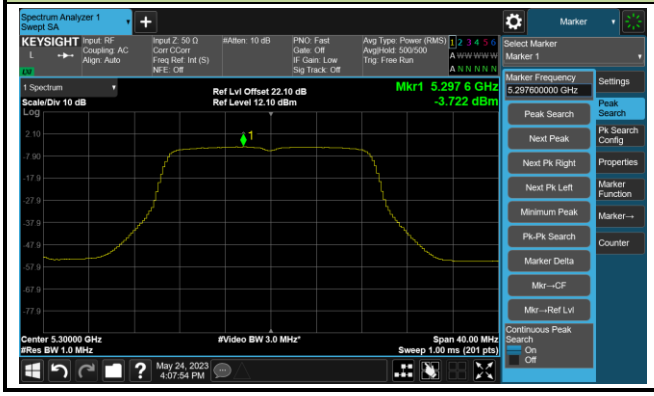
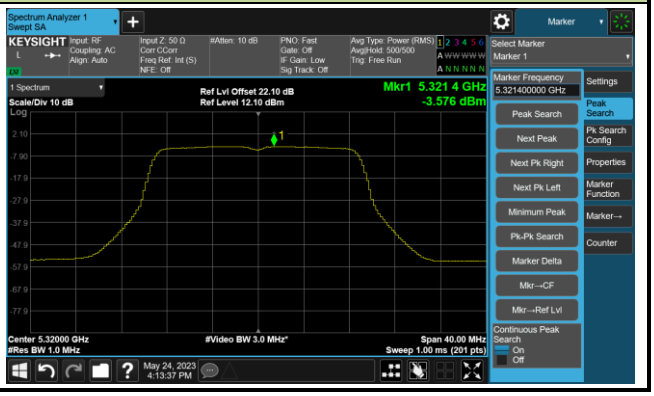
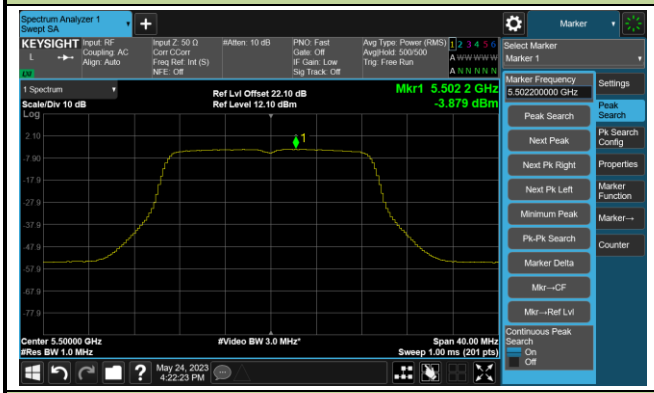
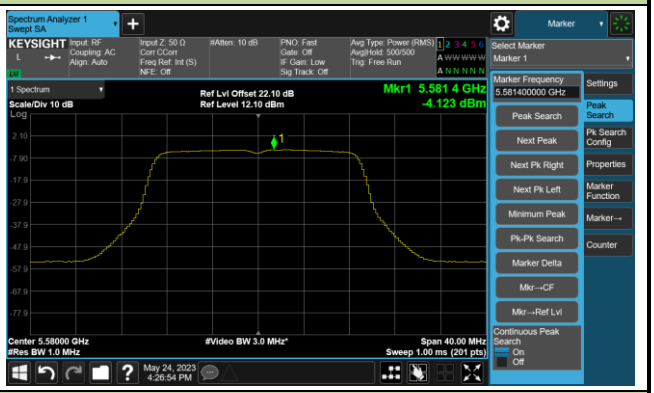
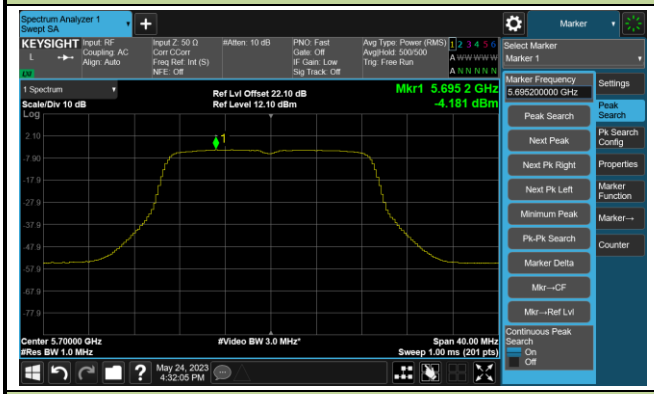
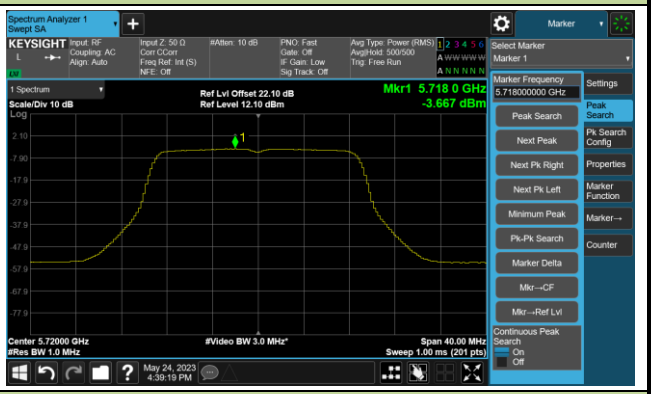
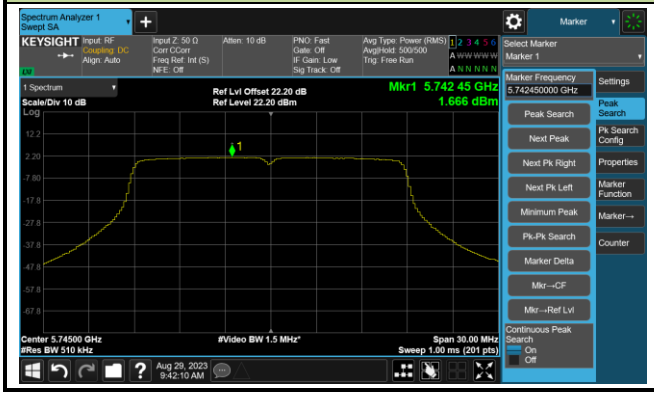
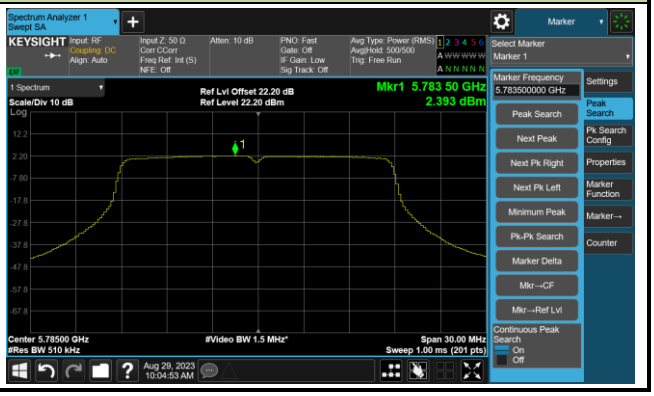
802.11ax-HE80 Power Spectral Density- Ant 0	
Channel 42 (5210MHz)	Channel 58 (5290MHz)
	
Channel 106 (5530MHz)	Channel 122 (5610MHz)
	
Channel 138 (5690MHz)	Channel 155 (5775MHz)
	

802.11a Power Spectral Density- Ant 1	
Channel 36 (5180MHz)	Channel 44 (5220MHz)
	
Channel 48 (5240MHz)	Channel 52 (5260MHz)
	
Channel 60 (5300MHz)	Channel 64 (5320MHz)
	

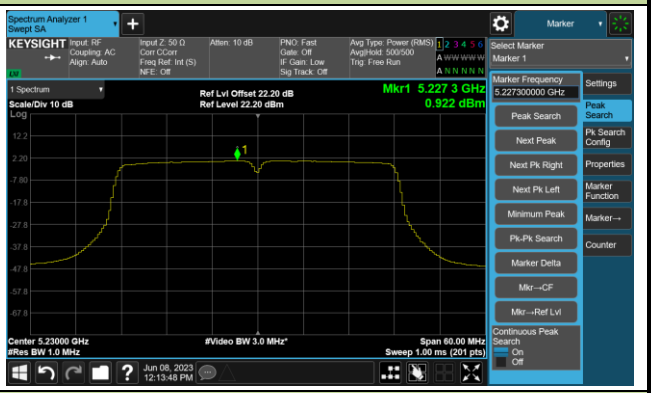
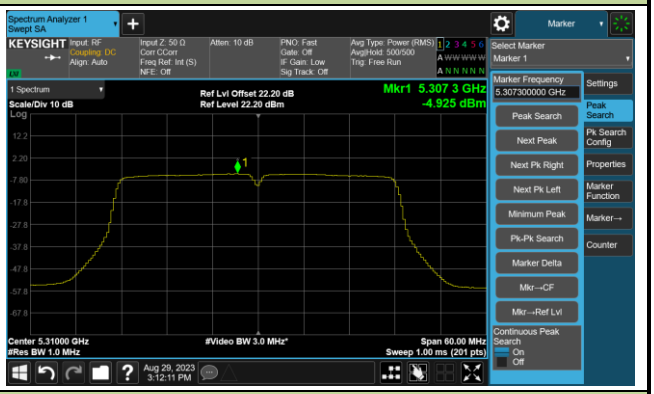
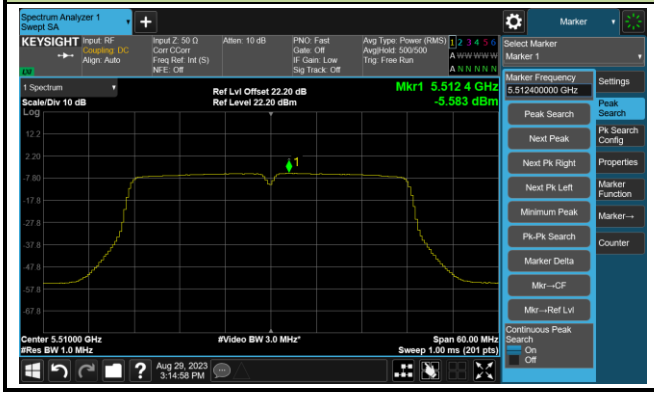
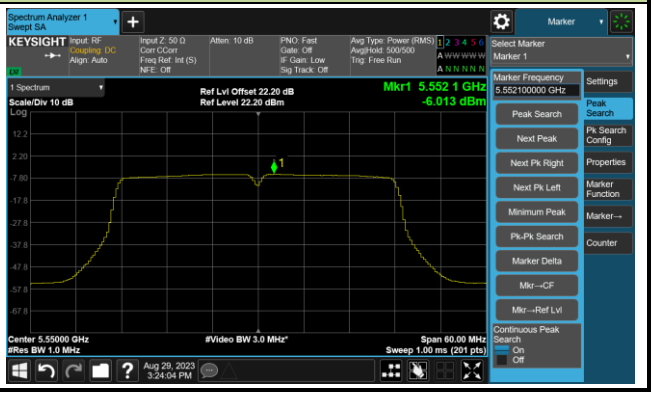
Channel 100 (5500MHz)	Channel 116 (5580MHz)
	
Channel 140 (5700MHz)	**Channel 144(5720MHz)**
	
Channel 149 (5745MHz)	**Channel 157 (5785MHz)**
	

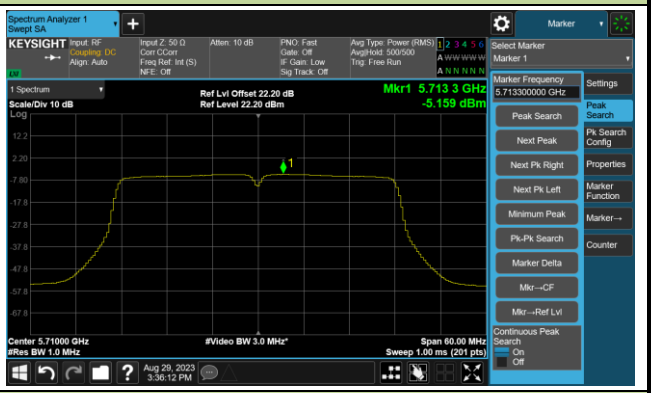
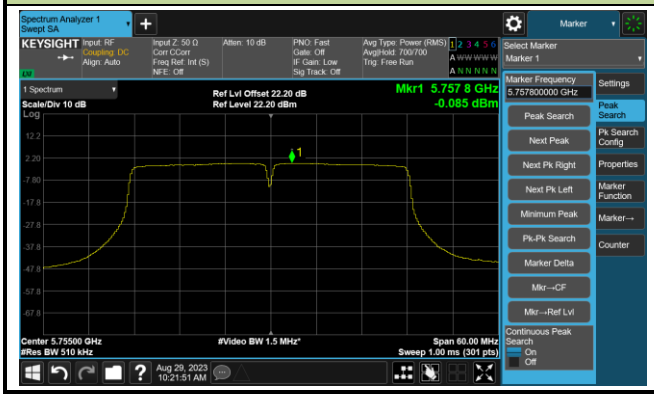
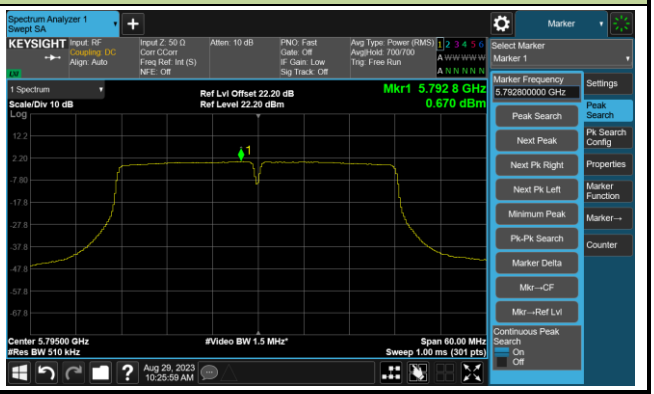
802.11a Power Spectral Density- Ant 1	
Channel 165 (5825MHz)	
	

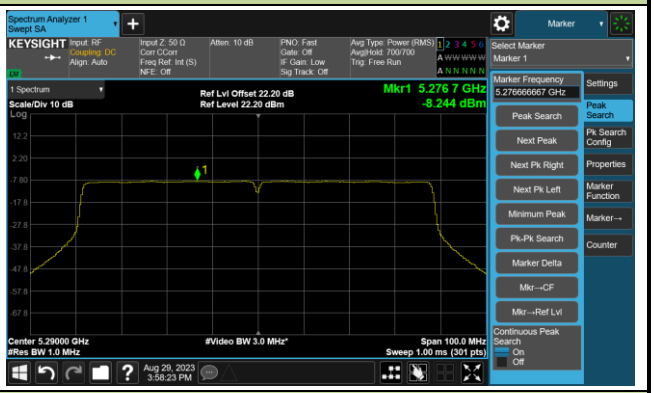
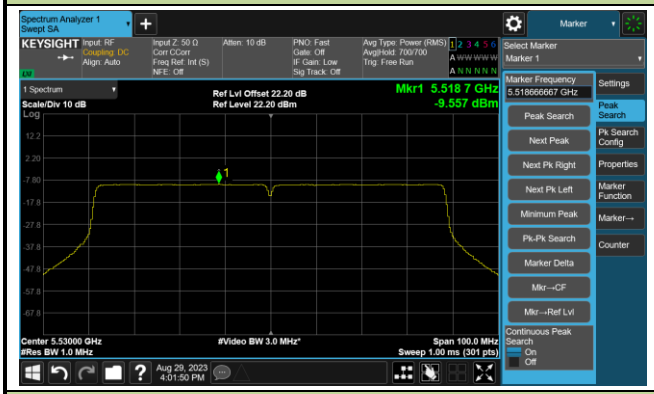
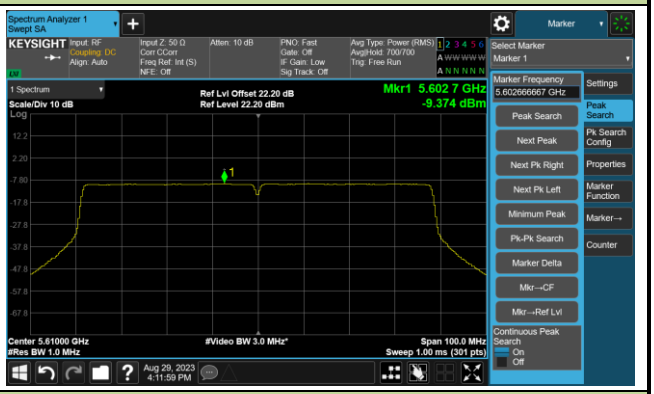
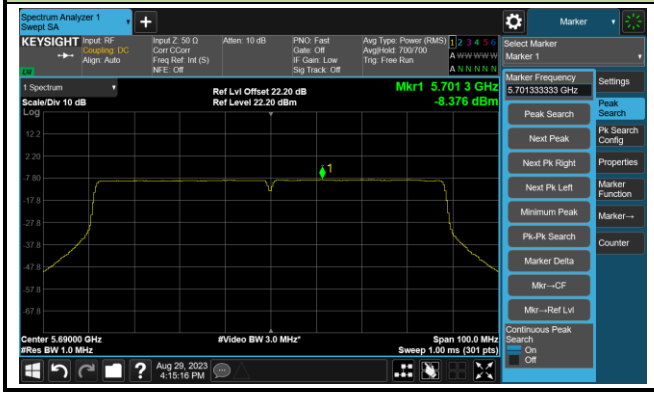
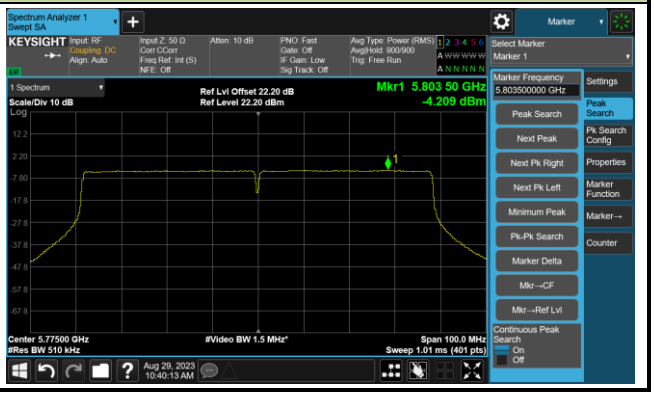
802.11ac-VHT20 Power Spectral Density- Ant 1	
Channel 36 (5180MHz)	Channel 44 (5220MHz)
	
Channel 48 (5240MHz)	Channel 52 (5260MHz)
	
Channel 60 (5300MHz)	Channel 64 (5320MHz)
	

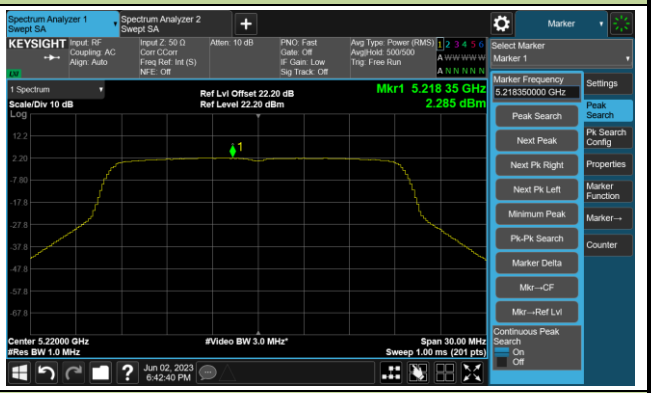
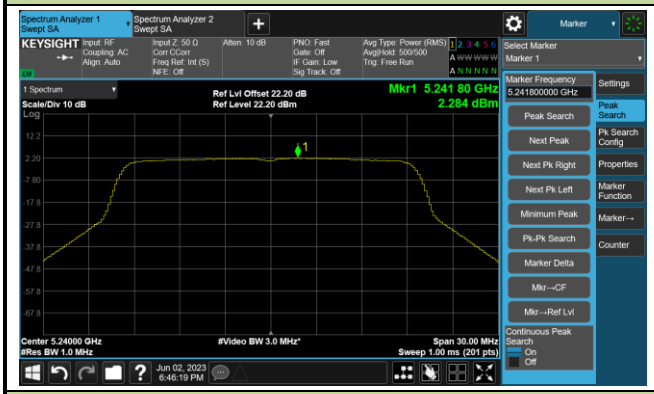
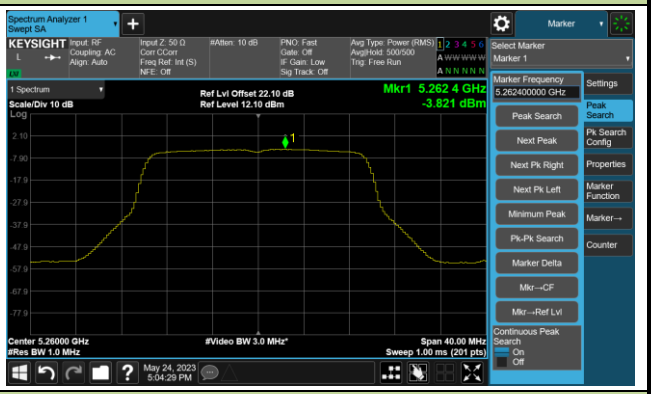
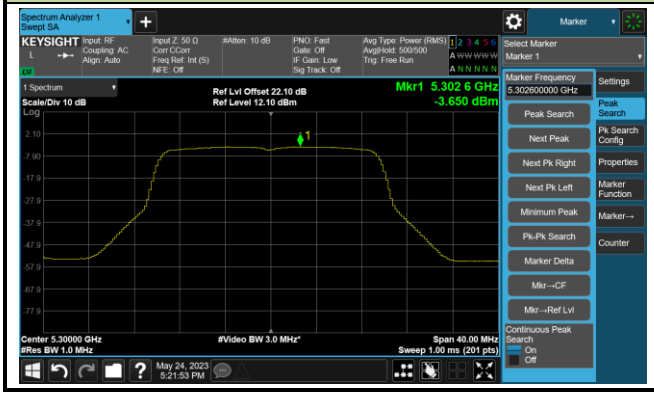
802.11ac-VHT20 Power Spectral Density- Ant 1	
Channel 100 (5500MHz)	Channel 116 (5580MHz)
	
Channel 140 (5700MHz)	Channel 144(5720MHz)
	
Channel 149 (5745MHz)	Channel 157 (5785MHz)
	

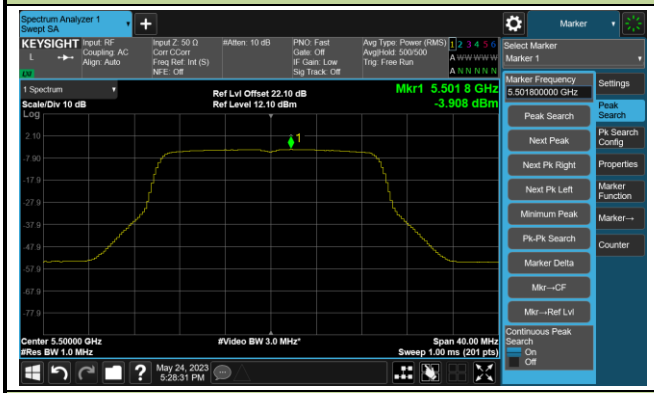
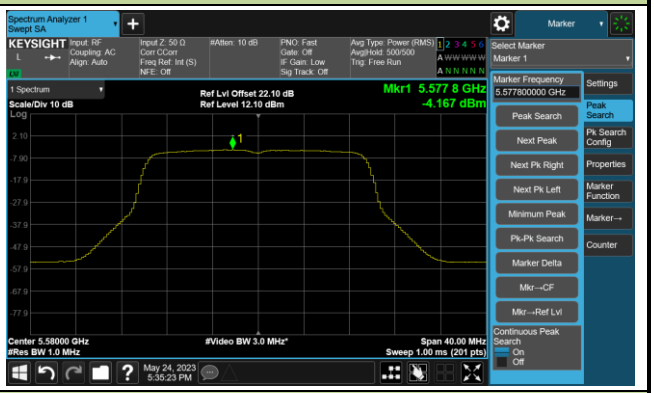
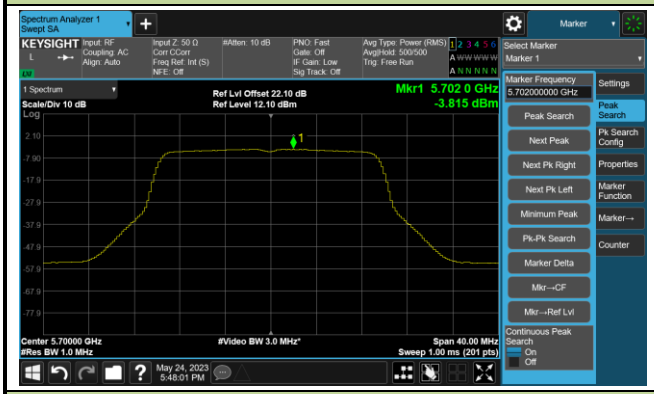
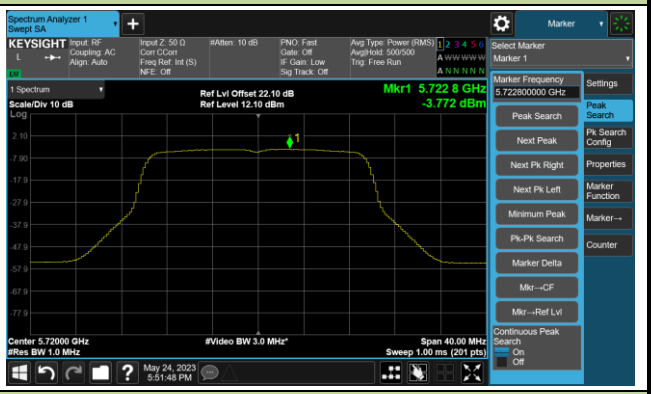
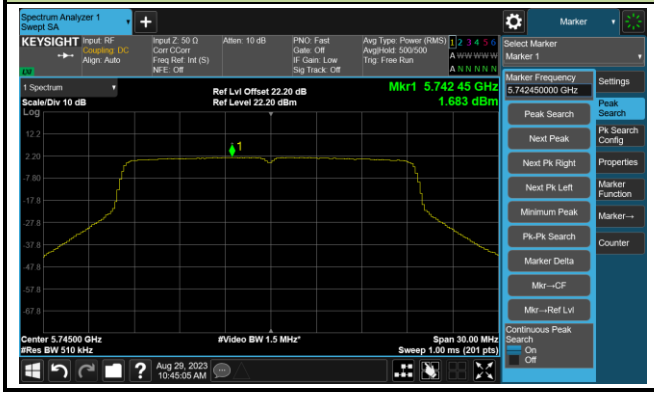
802.11ac-VHT20 Power Spectral Density- Ant 1	
Channel 165 (5825MHz)	
	

802.11ac-VHT40 Power Spectral Density- Ant 1	
Channel 38 (5190MHz)	Channel 46 (5230MHz)
	
Channel 54 (5270MHz)	Channel 62 (5310MHz)
	
Channel 102 (5510MHz)	Channel 110 (5550MHz)
	

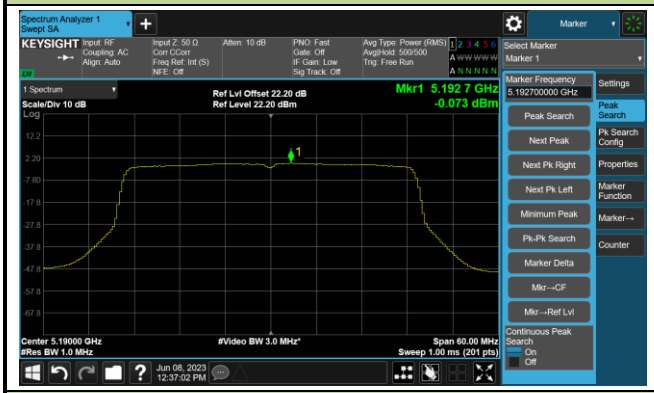
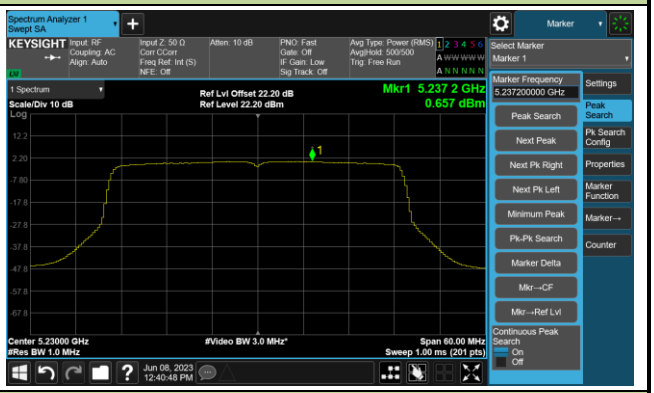
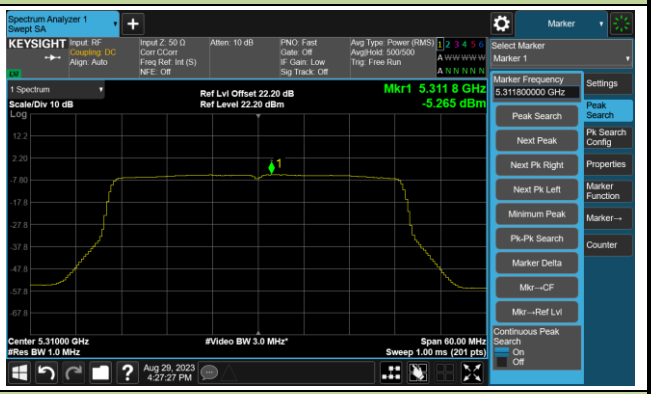
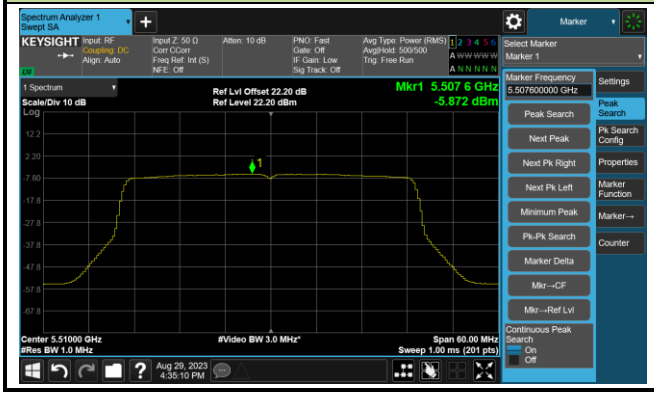
802.11ac-VHT40 Power Spectral Density- Ant 1	
Channel 134 (5670MHz)	Channel 142(5710MHz)
	
Channel 151 (5755MHz)	Channel 159 (5795MHz)
	

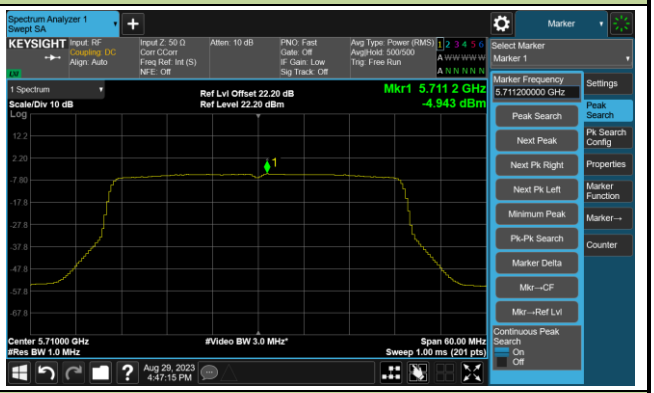
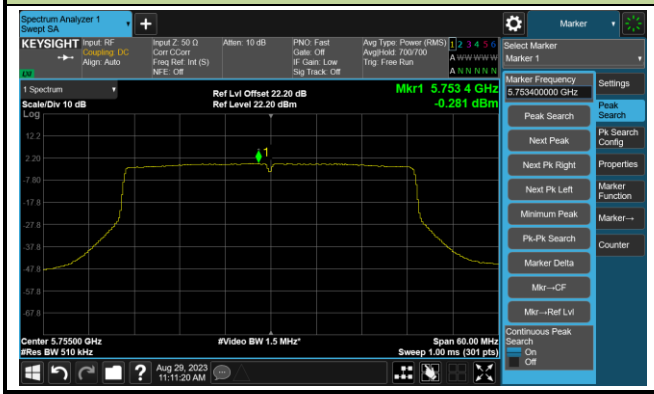
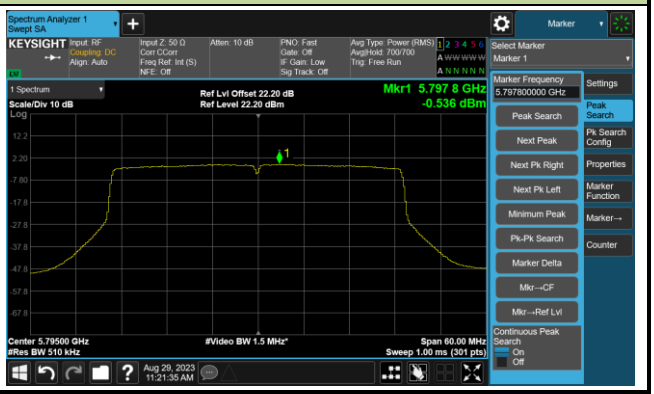
802.11ac-VHT80 Power Spectral Density- Ant 1	
Channel 42 (5210MHz)	Channel 58 (5290MHz)
	
Channel 106 (5530MHz)	Channel 122 (5610MHz)
	
Channel 138 (5690MHz)	Channel 155 (5775MHz)
	

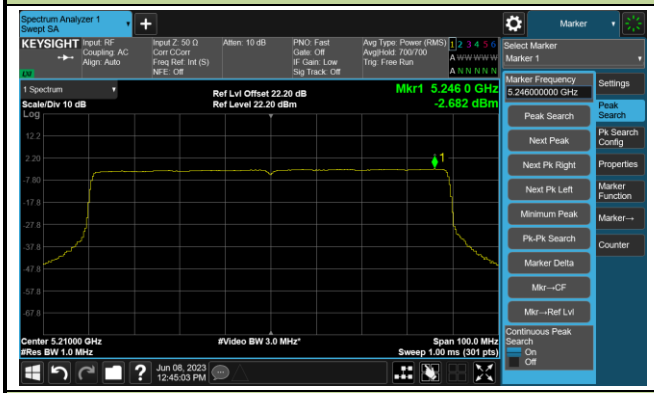
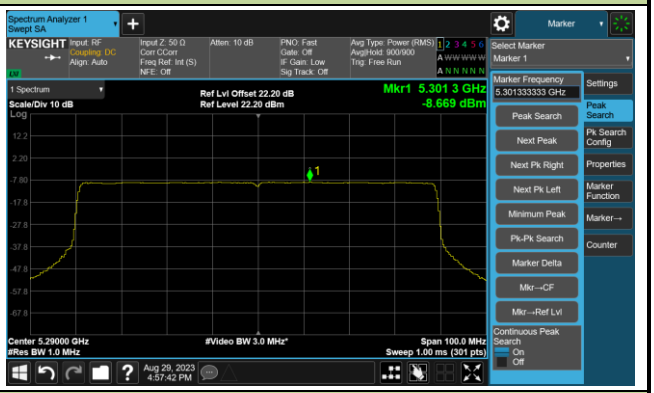
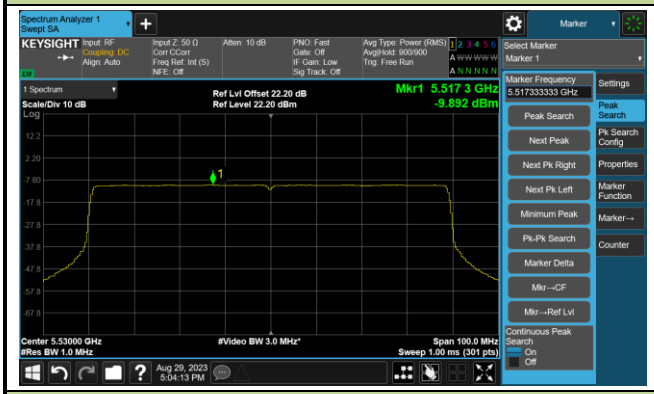
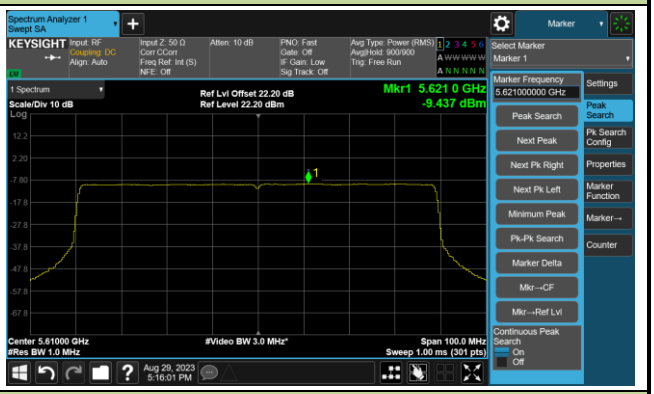
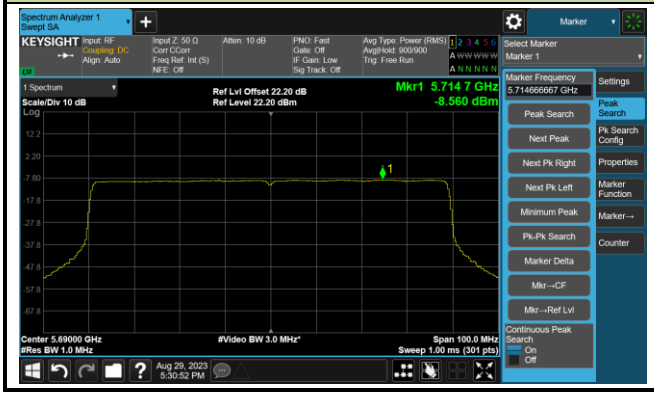
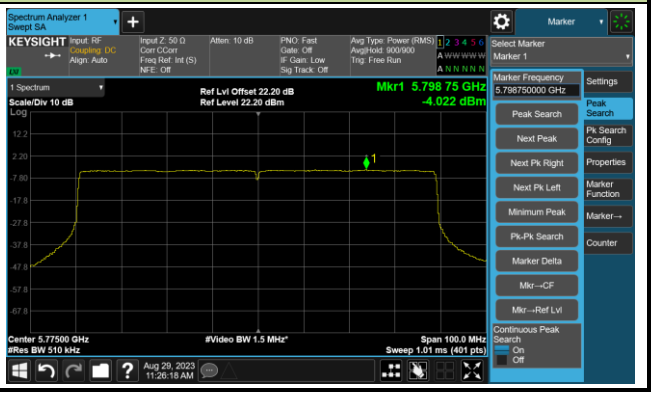
802.11ax-HE20 Power Spectral Density- Ant 1	
Channel 36 (5180MHz)	Channel 44 (5220MHz)
	
Channel 48 (5240MHz)	Channel 52 (5260MHz)
	
Channel 60 (5300MHz)	Channel 64 (5320MHz)
	

802.11ax-HE20 Power Spectral Density- Ant 1	
Channel 100 (5500MHz)	Channel 116 (5580MHz)
	
Channel 140 (5700MHz)	Channel 144(5720MHz)
	
Channel 149 (5745MHz)	Channel 157 (5785MHz)
	

802.11ax-HE20 Power Spectral Density- Ant 1	
Channel 165 (5825MHz)	
	

802.11ax-HE40 Power Spectral Density- Ant 1	
Channel 38 (5190MHz)	Channel 46 (5230MHz)
	
Channel 54 (5270MHz)	Channel 62 (5310MHz)
	
Channel 102 (5510MHz)	Channel 110 (5550MHz)
	

802.11ax-HE40 Power Spectral Density- Ant 1	
Channel 134 (5670MHz)	Channel 142(5710MHz)
	
Channel 151 (5755MHz)	Channel 159 (5795MHz)
	

802.11ax-HE80 Power Spectral Density- Ant 1	
Channel 42 (5210MHz)	Channel 58 (5290MHz)
	
Channel 106 (5530MHz)	Channel 122 (5610MHz)
	
Channel 138 (5690MHz)	Channel 155 (5775MHz)
	

A.6 Frequency Stability Test Result

Test Site	SIP-TR1	Test Engineer	Alisa Deng
Test Date	2023-05-28	Test Mode	5180MHz (Carrier Mode)

Voltage (%)	Temp (°C)	Frequency Tolerance (ppm)			
		0 minutes	2 minutes	5 minutes	10 minutes
100%	- 30	12.72	12.91	12.86	12.81
	- 20	11.36	11.35	11.35	11.34
	- 10	10.52	8.99	8.40	8.09
	0	7.05	4.43	4.10	3.92
	+ 10	2.90	0.20	-0.62	-0.88
	+ 20	-1.26	-3.72	-4.40	-5.21
	+ 30	-6.47	-8.67	-8.99	-9.10
	+ 40	-9.60	-11.05	-11.45	-11.52
	+ 50	-11.67	-12.00	-11.91	-11.85
115%	+ 20	-3.23	-4.84	-5.33	-5.47
85%	+ 20	-2.94	-4.61	-5.16	-5.45

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

A.7 Radiated Spurious Emission Test Result

Spot Check for AX51:

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-08-31	Test Mode	802.11a – Channel 36
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	11616.5	49.0	-1.6	47.4	74.0	-26.6	Peak	Horizontal
*	14166.5	47.0	3.4	50.4	68.2	-17.8	Peak	Horizontal
	16198.0	46.5	5.2	51.7	74.0	-22.3	Peak	Horizontal
*	16810.0	46.2	6.9	53.1	68.2	-15.1	Peak	Horizontal
	11421.0	48.6	-1.5	47.1	74.0	-26.9	Peak	Vertical
*	14175.0	46.6	3.7	50.3	68.2	-17.9	Peak	Vertical
	15875.0	45.7	5.1	50.8	74.0	-23.2	Peak	Vertical
*	17558.0	45.0	7.7	52.7	68.2	-15.5	Peak	Vertical

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

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

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

Test Site	SIP-AC1	Test Engineer	Arvin Ding
Test Date	2023-08-14~2023-08-21	Test Mode	802.11a – Channel 36
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9993.0	48.1	-4.6	43.5	68.2	-24.7	Peak	Horizontal
	11361.5	46.6	-3.0	43.6	74.0	-30.4	Peak	Horizontal
	14472.5	47.0	0.5	47.5	74.0	-26.5	Peak	Horizontal
*	16954.5	45.5	5.2	50.7	68.2	-17.5	Peak	Horizontal
	8140.0	49.1	-5.7	43.4	74.0	-30.6	Peak	Vertical
	10622.0	49.9	-4.1	45.8	74.0	-28.2	Peak	Vertical
*	13733.0	45.1	-0.4	44.7	68.2	-23.5	Peak	Vertical
*	16521.0	44.9	3.7	48.6	68.2	-19.6	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-AC1	Test Engineer	Arvin Ding
Test Date	2023-08-14~2023-08-21	Test Mode	802.11a – Channel 44
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8361.0	49.3	-5.2	44.1	74.0	-29.9	Peak	Horizontal
	11693.0	47.9	-3.3	44.6	74.0	-29.4	Peak	Horizontal
*	13699.0	45.4	-0.7	44.7	68.2	-23.5	Peak	Horizontal
*	16954.5	44.6	5.2	49.8	68.2	-18.4	Peak	Horizontal
*	7230.5	48.3	-6.4	41.9	68.2	-26.3	Peak	Vertical
	8284.5	48.9	-5.2	43.7	74.0	-30.3	Peak	Vertical
	11285.0	46.8	-3.4	43.4	74.0	-30.6	Peak	Vertical
*	16300.0	44.8	3.8	48.6	68.2	-19.6	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-AC1	Test Engineer	Arvin Ding
Test Date	2023-08-14~2023-08-21	Test Mode	802.11a – Channel 48
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7553.5	48.5	-6.4	42.1	74.0	-31.9	Peak	Horizontal
*	9644.5	49.6	-4.8	44.8	68.2	-23.4	Peak	Horizontal
	11514.5	47.6	-3.2	44.4	74.0	-29.6	Peak	Horizontal
*	13809.5	46.8	-0.7	46.1	68.2	-22.1	Peak	Horizontal
	8106.0	48.4	-5.7	42.7	74.0	-31.3	Peak	Vertical
*	10214.0	48.6	-4.4	44.2	68.2	-24.0	Peak	Vertical
	11803.5	47.9	-3.3	44.6	74.0	-29.4	Peak	Vertical
*	16937.5	44.1	5.4	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-AC1	Test Engineer	Arvin Ding
Test Date	2023-08-14~2023-08-21	Test Mode	802.11a – Channel 52
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8259.0	48.3	-5.2	43.1	74.0	-30.9	Peak	Horizontal
	11497.5	47.2	-3.2	44.0	74.0	-30.0	Peak	Horizontal
*	15203.5	44.2	2.1	46.3	68.2	-21.9	Peak	Horizontal
*	16937.5	44.6	5.4	50.0	68.2	-18.2	Peak	Horizontal
	8361.0	47.9	-5.2	42.7	74.0	-31.3	Peak	Vertical
	11353.0	47.0	-2.9	44.1	74.0	-29.9	Peak	Vertical
*	13614.0	45.7	-0.4	45.3	68.2	-22.9	Peak	Vertical
*	17311.5	44.0	5.6	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-AC1	Test Engineer	Arvin Ding
Test Date	2023-08-14~2023-08-21	Test Mode	802.11a – Channel 60
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8310.0	48.6	-5.4	43.2	74.0	-30.8	Peak	Horizontal
*	10129.0	47.8	-4.3	43.5	68.2	-24.7	Peak	Horizontal
	11693.0	47.5	-3.3	44.2	74.0	-29.8	Peak	Horizontal
*	16631.5	44.2	5.1	49.3	68.2	-18.9	Peak	Horizontal
	7562.0	49.3	-6.1	43.2	74.0	-30.8	Peak	Vertical
*	8998.5	48.1	-5.0	43.1	68.2	-25.1	Peak	Vertical
	12254.0	47.6	-2.8	44.8	74.0	-29.2	Peak	Vertical
*	14770.0	46.0	0.8	46.8	68.2	-21.4	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-AC1	Test Engineer	Arvin Ding
Test Date	2023-08-14~2023-08-21	Test Mode	802.11a – Channel 64
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7562.0	47.5	-6.1	41.4	74.0	-32.6	Peak	Horizontal
*	10010.0	47.7	-4.4	43.3	68.2	-24.9	Peak	Horizontal
	12067.0	46.9	-2.8	44.1	74.0	-29.9	Peak	Horizontal
*	14897.5	45.1	1.5	46.6	68.2	-21.6	Peak	Horizontal
	8267.5	48.2	-5.1	43.1	74.0	-30.9	Peak	Vertical
	11667.5	47.9	-3.6	44.3	74.0	-29.7	Peak	Vertical
*	14821.0	46.0	1.5	47.5	68.2	-20.7	Peak	Vertical
*	17362.5	44.3	6.3	50.6	68.2	-17.6	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-AC1	Test Engineer	Arvin Ding
Test Date	2023-08-14~2023-08-21	Test Mode	802.11a – Channel 100
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8471.5	48.8	-5.5	43.3	74.0	-30.7	Peak	Horizontal
*	10205.5	48.0	-4.4	43.6	68.2	-24.6	Peak	Horizontal
	12067.0	47.0	-2.8	44.2	74.0	-29.8	Peak	Horizontal
*	16725.0	43.1	4.9	48.0	68.2	-20.2	Peak	Horizontal
	8267.5	47.9	-5.1	42.8	74.0	-31.2	Peak	Vertical
*	10129.0	47.9	-4.3	43.6	68.2	-24.6	Peak	Vertical
	11676.0	47.5	-3.9	43.6	74.0	-30.4	Peak	Vertical
*	13733.0	45.1	-0.4	44.7	68.2	-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-AC1	Test Engineer	Arvin Ding
Test Date	2023-08-14~2023-08-21	Test Mode	802.11a – Channel 116
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9644.5	50.0	-4.8	45.2	68.2	-23.0	Peak	Horizontal
	11089.5	48.1	-3.9	44.2	74.0	-29.8	Peak	Horizontal
*	13877.5	45.3	-0.3	45.0	68.2	-23.2	Peak	Horizontal
	16130.0	44.5	4.1	48.6	74.0	-25.4	Peak	Horizontal
	7672.5	48.6	-6.2	42.4	74.0	-31.6	Peak	Vertical
*	10129.0	47.9	-4.3	43.6	68.2	-24.6	Peak	Vertical
	12424.0	47.1	-2.9	44.2	74.0	-29.8	Peak	Vertical
*	17243.5	43.8	6.0	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-AC1	Test Engineer	Arvin Ding
Test Date	2023-08-14~2023-08-21	Test Mode	802.11a – Channel 140
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8216.5	49.2	-5.4	43.8	74.0	-30.2	Peak	Horizontal
*	10239.5	49.2	-4.9	44.3	68.2	-23.9	Peak	Horizontal
	12288.0	47.4	-2.8	44.6	74.0	-29.4	Peak	Horizontal
*	17337.0	45.1	7.1	52.2	68.2	-16.0	Peak	Horizontal
	8310.0	48.8	-5.4	43.4	74.0	-30.6	Peak	Vertical
	11514.5	47.1	-3.2	43.9	74.0	-30.1	Peak	Vertical
*	14761.5	45.8	1.3	47.1	68.2	-21.1	Peak	Vertical
*	16937.5	44.4	5.4	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-AC1	Test Engineer	Arvin Ding
Test Date	2023-08-14~2023-08-21	Test Mode	802.11a – Channel 144
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7885.0	48.3	-6.0	42.3	68.2	-25.9	Peak	Horizontal
*	9644.5	49.4	-4.8	44.6	68.2	-23.6	Peak	Horizontal
	12356.0	47.2	-2.5	44.7	74.0	-29.3	Peak	Horizontal
	15815.5	45.5	3.4	48.9	74.0	-25.1	Peak	Horizontal
	8378.0	48.3	-5.2	43.1	74.0	-30.9	Peak	Vertical
	11582.5	47.9	-3.4	44.5	74.0	-29.5	Peak	Vertical
*	14829.5	45.6	1.4	47.0	68.2	-21.2	Peak	Vertical
*	16920.5	44.9	4.9	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-AC1	Test Engineer	Arvin Ding
Test Date	2023-08-14~2023-08-21	Test Mode	802.11a – Channel 149
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7366.5	48.8	-6.5	42.3	74.0	-31.7	Peak	Horizontal
	11047.0	48.2	-4.2	44.0	74.0	-30.0	Peak	Horizontal
*	13835.0	45.7	-0.7	45.0	68.2	-23.2	Peak	Horizontal
*	16869.5	43.6	4.6	48.2	68.2	-20.0	Peak	Horizontal
	8233.5	48.7	-5.4	43.3	74.0	-30.7	Peak	Vertical
	11497.5	47.2	-3.2	44.0	74.0	-30.0	Peak	Vertical
*	13614.0	45.8	-0.4	45.4	68.2	-22.8	Peak	Vertical
*	17337.0	43.1	7.1	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-AC1	Test Engineer	Arvin Ding
Test Date	2023-08-14~2023-08-21	Test Mode	802.11a – Channel 157
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7570.5	48.4	-5.9	42.5	74.0	-31.5	Peak	Horizontal
*	9644.5	49.5	-4.8	44.7	68.2	-23.5	Peak	Horizontal
	11693.0	47.9	-3.3	44.6	74.0	-29.4	Peak	Horizontal
*	16920.5	44.6	4.9	49.5	68.2	-18.7	Peak	Horizontal
	8208.0	48.7	-5.4	43.3	74.0	-30.7	Peak	Vertical
*	9661.5	48.6	-4.8	43.8	68.2	-24.4	Peak	Vertical
	12296.5	46.5	-2.9	43.6	74.0	-30.4	Peak	Vertical
*	16614.5	44.0	4.9	48.9	68.2	-19.3	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-AC1	Test Engineer	Arvin Ding
Test Date	2023-08-14~2023-08-21	Test Mode	802.11a – Channel 165
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7868.0	48.7	-5.5	43.2	68.2	-25.0	Peak	Horizontal
*	9644.5	49.5	-4.8	44.7	68.2	-23.5	Peak	Horizontal
	12568.5	46.6	-2.5	44.1	74.0	-29.9	Peak	Horizontal
	15790.0	44.7	3.0	47.7	74.0	-26.3	Peak	Horizontal
	7545.0	48.7	-6.6	42.1	74.0	-31.9	Peak	Vertical
*	10384.0	48.0	-4.3	43.7	68.2	-24.5	Peak	Vertical
	12160.5	47.0	-2.8	44.2	74.0	-29.8	Peak	Vertical
*	16920.5	44.0	4.9	48.9	68.2	-19.3	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-AC1	Test Engineer	Arvin Ding
Test Date	2023-08-14~2023-08-21	Test Mode	802.11ac-VHT20 – Channel 36
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	6703.5	49.2	-7.2	42.0	68.2	-26.2	Peak	Horizontal
*	9644.5	50.2	-4.8	45.4	68.2	-22.8	Peak	Horizontal
	11480.5	48.2	-3.2	45.0	74.0	-29.0	Peak	Horizontal
	15492.5	45.2	2.4	47.6	74.0	-26.4	Peak	Horizontal
	7536.5	48.7	-6.7	42.0	74.0	-32.0	Peak	Vertical
*	9644.5	48.6	-4.8	43.8	68.2	-24.4	Peak	Vertical
	11888.5	46.9	-3.0	43.9	74.0	-30.1	Peak	Vertical
*	16861.0	45.0	4.6	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-AC1	Test Engineer	Arvin Ding
Test Date	2023-08-14~2023-08-21	Test Mode	802.11ac-VHT20 – Channel 44
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7400.5	49.1	-6.6	42.5	74.0	-31.5	Peak	Horizontal
*	9644.5	50.0	-4.8	45.2	68.2	-23.0	Peak	Horizontal
	12245.5	46.6	-2.8	43.8	74.0	-30.2	Peak	Horizontal
*	16623.0	43.7	5.2	48.9	68.2	-19.3	Peak	Horizontal
	8063.5	48.8	-5.7	43.1	74.0	-30.9	Peak	Vertical
*	10197.0	47.7	-4.5	43.2	68.2	-25.0	Peak	Vertical
	11897.0	46.5	-2.9	43.6	74.0	-30.4	Peak	Vertical
*	17337.0	42.8	7.1	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-AC1	Test Engineer	Arvin Ding
Test Date	2023-08-14~2023-08-21	Test Mode	802.11ac-VHT20 – Channel 48
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8429.0	48.6	-5.5	43.1	74.0	-30.9	Peak	Horizontal
	11072.5	47.5	-3.8	43.7	74.0	-30.3	Peak	Horizontal
*	13835.0	45.9	-0.7	45.2	68.2	-23.0	Peak	Horizontal
*	16631.5	44.8	5.1	49.9	68.2	-18.3	Peak	Horizontal
	8352.5	49.8	-5.3	44.5	74.0	-29.5	Peak	Vertical
*	10494.5	47.5	-3.9	43.6	68.2	-24.6	Peak	Vertical
	12330.5	46.8	-2.9	43.9	74.0	-30.1	Peak	Vertical
*	16351.0	42.4	4.0	46.4	68.2	-21.8	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-AC1	Test Engineer	Arvin Ding
Test Date	2023-08-14~2023-08-21	Test Mode	802.11ac-VHT20 – Channel 52
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8276.0	48.1	-5.1	43.0	74.0	-31.0	Peak	Horizontal
*	10265.0	45.3	-4.4	40.9	68.2	-27.3	Peak	Horizontal
	11897.0	47.7	-2.9	44.8	74.0	-29.2	Peak	Horizontal
*	17337.0	43.5	7.1	50.6	68.2	-17.6	Peak	Horizontal
	8344.0	48.7	-5.4	43.3	74.0	-30.7	Peak	Vertical
*	10001.5	48.5	-4.5	44.0	68.2	-24.2	Peak	Vertical
	11506.0	48.1	-3.1	45.0	74.0	-29.0	Peak	Vertical
*	16886.5	44.7	4.8	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-AC1	Test Engineer	Arvin Ding
Test Date	2023-08-14~2023-08-21	Test Mode	802.11ac-VHT20 – Channel 60
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7664.0	48.4	-6.4	42.0	74.0	-32.0	Peak	Horizontal
*	9644.5	50.0	-4.8	45.2	68.2	-23.0	Peak	Horizontal
	12288.0	47.1	-2.8	44.3	74.0	-29.7	Peak	Horizontal
*	14821.0	46.0	1.5	47.5	68.2	-20.7	Peak	Horizontal
	8344.0	49.0	-5.4	43.6	74.0	-30.4	Peak	Vertical
	10783.5	48.2	-4.0	44.2	74.0	-29.8	Peak	Vertical
*	12781.0	46.9	-2.2	44.7	68.2	-23.5	Peak	Vertical
*	16623.0	44.0	5.2	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-AC1	Test Engineer	Arvin Ding
Test Date	2023-08-14~2023-08-21	Test Mode	802.11ac-VHT20 – Channel 64
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8378.0	48.5	-5.2	43.3	74.0	-30.7	Peak	Horizontal
	11548.5	47.1	-3.4	43.7	74.0	-30.3	Peak	Horizontal
*	14727.5	45.0	1.3	46.3	68.2	-21.9	Peak	Horizontal
*	16861.0	45.1	4.6	49.7	68.2	-18.5	Peak	Horizontal
	8259.0	48.8	-5.2	43.6	74.0	-30.4	Peak	Vertical
	11353.0	46.9	-2.9	44.0	74.0	-30.0	Peak	Vertical
*	13724.5	45.6	-0.7	44.9	68.2	-23.3	Peak	Vertical
*	17260.5	43.8	6.0	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-AC1	Test Engineer	Arvin Ding
Test Date	2023-08-14~2023-08-21	Test Mode	802.11ac-VHT20 – Channel 100
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8267.5	49.0	-5.1	43.9	74.0	-30.1	Peak	Horizontal
	11659.0	46.9	-3.3	43.6	74.0	-30.4	Peak	Horizontal
*	12789.5	45.8	-2.1	43.7	68.2	-24.5	Peak	Horizontal
*	16946.0	43.9	5.5	49.4	68.2	-18.8	Peak	Horizontal
	8361.0	48.1	-5.2	42.9	74.0	-31.1	Peak	Vertical
*	10103.5	48.0	-4.4	43.6	68.2	-24.6	Peak	Vertical
	11795.0	47.3	-3.6	43.7	74.0	-30.3	Peak	Vertical
*	15033.5	45.9	1.4	47.3	68.2	-20.9	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-AC1	Test Engineer	Arvin Ding
Test Date	2023-08-14~2023-08-21	Test Mode	802.11ac-VHT20 – Channel 116
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8454.5	48.9	-5.7	43.2	74.0	-30.8	Peak	Horizontal
	11752.5	47.7	-3.4	44.3	74.0	-29.7	Peak	Horizontal
*	14812.5	44.3	1.2	45.5	68.2	-22.7	Peak	Horizontal
*	16937.5	44.3	5.4	49.7	68.2	-18.5	Peak	Horizontal
	7587.5	48.2	-6.0	42.2	74.0	-31.8	Peak	Vertical
*	9704.0	47.5	-4.9	42.6	68.2	-25.6	Peak	Vertical
	12279.5	46.9	-2.8	44.1	74.0	-29.9	Peak	Vertical
*	16623.0	43.8	5.2	49.0	68.2	-19.2	Peak	Vertical

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

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

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

Test Site	SIP-AC1	Test Engineer	Arvin Ding
Test Date	2023-08-14~2023-08-21	Test Mode	802.11ac-VHT20 – Channel 140
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	6992.5	48.3	-6.8	41.5	68.2	-26.7	Peak	Horizontal
*	9644.5	50.8	-4.8	46.0	68.2	-22.2	Peak	Horizontal
	12619.5	47.0	-3.0	44.0	74.0	-30.0	Peak	Horizontal
	15739.0	45.3	2.7	48.0	74.0	-26.0	Peak	Horizontal
	8259.0	48.0	-5.2	42.8	74.0	-31.2	Peak	Vertical
	10690.0	48.5	-4.3	44.2	74.0	-29.8	Peak	Vertical
*	13775.5	45.5	-0.5	45.0	68.2	-23.2	Peak	Vertical
*	16963.0	45.1	5.0	50.1	68.2	-18.1	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-AC1	Test Engineer	Arvin Ding
Test Date	2023-08-14~2023-08-21	Test Mode	802.11ac-VHT20 – Channel 144
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8284.5	48.6	-5.2	43.4	74.0	-30.6	Peak	Horizontal
*	9644.5	50.3	-4.8	45.5	68.2	-22.7	Peak	Horizontal
	12177.5	46.9	-2.8	44.1	74.0	-29.9	Peak	Horizontal
*	14838.0	44.8	1.3	46.1	68.2	-22.1	Peak	Horizontal
	7579.0	47.3	-5.8	41.5	74.0	-32.5	Peak	Vertical
*	8973.0	46.2	-5.0	41.2	68.2	-27.0	Peak	Vertical
	11200.0	47.2	-3.8	43.4	74.0	-30.6	Peak	Vertical
*	16215.0	44.5	3.7	48.2	68.2	-20.0	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-AC1	Test Engineer	Arvin Ding
Test Date	2023-08-14~2023-08-21	Test Mode	802.11ac-VHT20 – Channel 149
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9644.5	50.6	-4.8	45.8	68.2	-22.4	Peak	Horizontal
	11191.5	47.6	-3.8	43.8	74.0	-30.2	Peak	Horizontal
*	13699.0	45.8	-0.7	45.1	68.2	-23.1	Peak	Horizontal
	15807.0	43.6	3.7	47.3	74.0	-26.7	Peak	Horizontal
	8310.0	48.2	-5.4	42.8	74.0	-31.2	Peak	Vertical
*	9738.0	47.8	-4.7	43.1	68.2	-25.1	Peak	Vertical
	12118.0	47.8	-3.0	44.8	74.0	-29.2	Peak	Vertical
*	16895.0	45.2	5.0	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-AC1	Test Engineer	Arvin Ding
Test Date	2023-08-14~2023-08-21	Test Mode	802.11ac-VHT20 – Channel 157
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8199.5	48.4	-5.3	43.1	74.0	-30.9	Peak	Horizontal
*	9644.5	49.2	-4.8	44.4	68.2	-23.8	Peak	Horizontal
	12058.5	46.7	-3.0	43.7	74.0	-30.3	Peak	Horizontal
*	14744.5	45.0	1.6	46.6	68.2	-21.6	Peak	Horizontal
	7698.0	48.4	-5.9	42.5	74.0	-31.5	Peak	Vertical
*	9993.0	48.1	-4.6	43.5	68.2	-24.7	Peak	Vertical
	12228.5	46.4	-2.8	43.6	74.0	-30.4	Peak	Vertical
*	16937.5	44.6	5.4	50.0	68.2	-18.2	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-AC1	Test Engineer	Arvin Ding
Test Date	2023-08-14~2023-08-21	Test Mode	802.11ac-VHT20 – Channel 165
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8259.0	49.1	-5.2	43.9	74.0	-30.1	Peak	Horizontal
	10834.5	48.0	-4.2	43.8	74.0	-30.2	Peak	Horizontal
*	14370.5	46.3	0.0	46.3	68.2	-21.9	Peak	Horizontal
*	16597.5	44.2	4.4	48.6	68.2	-19.6	Peak	Horizontal
	8378.0	48.3	-5.2	43.1	74.0	-30.9	Peak	Vertical
	10953.5	47.5	-3.9	43.6	74.0	-30.4	Peak	Vertical
*	13707.5	46.6	-0.9	45.7	68.2	-22.5	Peak	Vertical
*	16614.5	44.5	4.9	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-AC1	Test Engineer	Arvin Ding
Test Date	2023-08-14~2023-08-21	Test Mode	802.11ac-VHT40 – Channel 38
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7638.5	48.1	-6.2	41.9	74.0	-32.1	Peak	Horizontal
*	9644.5	50.3	-4.8	45.5	68.2	-22.7	Peak	Horizontal
	12313.5	47.0	-2.9	44.1	74.0	-29.9	Peak	Horizontal
*	16861.0	44.6	4.6	49.2	68.2	-19.0	Peak	Horizontal
*	8709.5	48.4	-5.1	43.3	68.2	-24.9	Peak	Vertical
*	10112.0	47.5	-4.5	43.0	68.2	-25.2	Peak	Vertical
	11735.5	47.5	-3.3	44.2	74.0	-29.8	Peak	Vertical
	15917.5	44.7	3.9	48.6	74.0	-25.4	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-AC1	Test Engineer	Arvin Ding
Test Date	2023-08-14~2023-08-21	Test Mode	802.11ac-VHT40 – Channel 46
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7060.5	48.4	-6.7	41.7	68.2	-26.5	Peak	Horizontal
	8386.5	49.0	-5.5	43.5	74.0	-30.5	Peak	Horizontal
	11480.5	47.2	-3.2	44.0	74.0	-30.0	Peak	Horizontal
*	17065.0	45.2	5.1	50.3	68.2	-17.9	Peak	Horizontal
	7383.5	48.6	-6.5	42.1	74.0	-31.9	Peak	Vertical
*	9712.5	48.7	-4.9	43.8	68.2	-24.4	Peak	Vertical
	12330.5	47.2	-2.9	44.3	74.0	-29.7	Peak	Vertical
*	16895.0	44.8	5.0	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-AC1	Test Engineer	Arvin Ding
Test Date	2023-08-14~2023-08-21	Test Mode	802.11ac-VHT40 – Channel 54
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8182.5	48.9	-5.4	43.5	74.0	-30.5	Peak	Horizontal
	12356.0	47.8	-2.5	45.3	74.0	-28.7	Peak	Horizontal
*	13733.0	46.2	-0.4	45.8	68.2	-22.4	Peak	Horizontal
*	17337.0	43.4	7.1	50.5	68.2	-17.7	Peak	Horizontal
	8378.0	48.7	-5.2	43.5	74.0	-30.5	Peak	Vertical
	11072.5	47.8	-3.8	44.0	74.0	-30.0	Peak	Vertical
*	13622.5	46.1	-0.9	45.2	68.2	-23.0	Peak	Vertical
*	16665.5	44.6	4.5	49.1	68.2	-19.1	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-AC1	Test Engineer	Arvin Ding
Test Date	2023-08-14~2023-08-21	Test Mode	802.11ac-VHT40 – Channel 62
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8267.5	47.9	-5.1	42.8	74.0	-31.2	Peak	Horizontal
*	10137.5	48.0	-4.4	43.6	68.2	-24.6	Peak	Horizontal
	14472.5	47.4	0.5	47.9	74.0	-26.1	Peak	Horizontal
*	16623.0	44.0	5.2	49.2	68.2	-19.0	Peak	Horizontal
*	6746.0	50.6	-6.9	43.7	68.2	-24.5	Peak	Vertical
	8386.5	49.1	-5.5	43.6	74.0	-30.4	Peak	Vertical
	11888.5	47.7	-3.0	44.7	74.0	-29.3	Peak	Vertical
*	16606.0	44.8	4.6	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-AC1	Test Engineer	Arvin Ding
Test Date	2023-08-14~2023-08-21	Test Mode	802.11ac-VHT40 – Channel 102
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7655.5	48.8	-6.3	42.5	74.0	-31.5	Peak	Horizontal
*	10146.0	49.3	-4.5	44.8	68.2	-23.4	Peak	Horizontal
	14472.5	47.6	0.5	48.1	74.0	-25.9	Peak	Horizontal
*	17269.0	43.5	6.0	49.5	68.2	-18.7	Peak	Horizontal
	7655.5	48.7	-6.3	42.4	74.0	-31.6	Peak	Vertical
*	10010.0	48.6	-4.4	44.2	68.2	-24.0	Peak	Vertical
	12347.5	47.5	-2.7	44.8	74.0	-29.2	Peak	Vertical
*	16708.0	44.3	4.4	48.7	68.2	-19.5	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-AC1	Test Engineer	Arvin Ding
Test Date	2023-08-14~2023-08-21	Test Mode	802.11ac-VHT40 – Channel 110
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7681.0	49.6	-6.0	43.6	74.0	-30.4	Peak	Horizontal
*	10001.5	48.3	-4.5	43.8	68.2	-24.4	Peak	Horizontal
	12313.5	47.9	-2.9	45.0	74.0	-29.0	Peak	Horizontal
*	17345.5	43.4	6.7	50.1	68.2	-18.1	Peak	Horizontal
	7689.5	48.4	-6.0	42.4	74.0	-31.6	Peak	Vertical
*	10112.0	47.5	-4.5	43.0	68.2	-25.2	Peak	Vertical
	14472.5	46.2	0.5	46.7	74.0	-27.3	Peak	Vertical
*	17022.5	44.3	4.9	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-AC1	Test Engineer	Arvin Ding
Test Date	2023-08-14~2023-08-21	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 show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7638.5	48.6	-6.2	42.4	74.0	-31.6	Peak	Horizontal
*	10528.5	48.2	-4.0	44.2	68.2	-24.0	Peak	Horizontal
*	13546.0	46.8	-1.6	45.2	68.2	-23.0	Peak	Horizontal
	15926.0	44.5	3.9	48.4	74.0	-25.6	Peak	Horizontal
	9066.5	49.9	-4.9	45.0	74.0	-29.0	Peak	Vertical
	11157.5	47.5	-3.9	43.6	74.0	-30.4	Peak	Vertical
*	13622.5	47.7	-0.9	46.8	68.2	-21.4	Peak	Vertical
*	16895.0	44.0	5.0	49.0	68.2	-19.2	Peak	Vertical

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

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

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

Test Site	SIP-AC1	Test Engineer	Arvin Ding
Test Date	2023-08-14~2023-08-21	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 show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8199.5	48.5	-5.3	43.2	74.0	-30.8	Peak	Horizontal
	11353.0	46.5	-2.9	43.6	74.0	-30.4	Peak	Horizontal
*	13622.5	46.0	-0.9	45.1	68.2	-23.1	Peak	Horizontal
*	16623.0	43.6	5.2	48.8	68.2	-19.4	Peak	Horizontal
*	7859.5	48.1	-5.8	42.3	68.2	-25.9	Peak	Vertical
*	9959.0	47.6	-4.4	43.2	68.2	-25.0	Peak	Vertical
	11846.0	47.2	-2.9	44.3	74.0	-29.7	Peak	Vertical
	15807.0	46.2	3.7	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-AC1	Test Engineer	Arvin Ding
Test Date	2023-08-14~2023-08-21	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 show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7562.0	48.7	-6.1	42.6	74.0	-31.4	Peak	Horizontal
*	9644.5	50.1	-4.8	45.3	68.2	-22.9	Peak	Horizontal
	12084.0	46.7	-2.7	44.0	74.0	-30.0	Peak	Horizontal
*	16895.0	44.9	5.0	49.9	68.2	-18.3	Peak	Horizontal
	7664.0	49.0	-6.4	42.6	74.0	-31.4	Peak	Vertical
*	9644.5	47.9	-4.8	43.1	68.2	-25.1	Peak	Vertical
	11914.0	47.3	-3.3	44.0	74.0	-30.0	Peak	Vertical
*	16538.0	44.1	4.5	48.6	68.2	-19.6	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-AC1	Test Engineer	Arvin Ding
Test Date	2023-08-14~2023-08-21	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 show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7417.5	49.8	-6.7	43.1	74.0	-30.9	Peak	Horizontal
*	9644.5	50.6	-4.8	45.8	68.2	-22.4	Peak	Horizontal
	12279.5	47.4	-2.8	44.6	74.0	-29.4	Peak	Horizontal
*	15203.5	45.1	2.1	47.2	68.2	-21.0	Peak	Horizontal
	7723.5	48.1	-6.0	42.1	74.0	-31.9	Peak	Vertical
*	10001.5	47.3	-4.5	42.8	68.2	-25.4	Peak	Vertical
	15433.0	44.5	2.8	47.3	74.0	-26.7	Peak	Vertical
*	17337.0	42.8	7.1	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-AC1	Test Engineer	Arvin Ding
Test Date	2023-08-14~2023-08-21	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 show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7392.0	48.4	-6.6	41.8	74.0	-32.2	Peak	Horizontal
*	8590.5	48.5	-5.5	43.0	68.2	-25.2	Peak	Horizontal
	11897.0	47.1	-2.9	44.2	74.0	-29.8	Peak	Horizontal
*	16929.0	43.1	5.4	48.5	68.2	-19.7	Peak	Horizontal
*	8692.5	46.7	-5.2	41.5	68.2	-26.7	Peak	Vertical
*	10452.0	46.8	-4.3	42.5	68.2	-25.7	Peak	Vertical
	12067.0	47.1	-2.8	44.3	74.0	-29.7	Peak	Vertical
	14472.5	46.7	0.5	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-AC1	Test Engineer	Arvin Ding
Test Date	2023-08-14~2023-08-21	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 show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	10103.5	48.2	-4.4	43.8	68.2	-24.4	Peak	Horizontal
	11582.5	47.5	-3.4	44.1	74.0	-29.9	Peak	Horizontal
	14472.5	47.6	0.5	48.1	74.0	-25.9	Peak	Horizontal
*	16606.0	44.1	4.6	48.7	68.2	-19.5	Peak	Horizontal
	8208.0	48.8	-5.4	43.4	74.0	-30.6	Peak	Vertical
	11965.0	47.0	-2.9	44.1	74.0	-29.9	Peak	Vertical
*	13792.5	46.1	-0.5	45.6	68.2	-22.6	Peak	Vertical
*	17337.0	43.8	7.1	50.9	68.2	-17.3	Peak	Vertical

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

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

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

Test Site	SIP-AC1	Test Engineer	Arvin Ding
Test Date	2023-08-14~2023-08-21	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 show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8369.5	49.2	-5.2	44.0	74.0	-30.0	Peak	Horizontal
*	10129.0	48.0	-4.3	43.7	68.2	-24.5	Peak	Horizontal
	12058.5	47.4	-3.0	44.4	74.0	-29.6	Peak	Horizontal
*	17337.0	43.1	7.1	50.2	68.2	-18.0	Peak	Horizontal
	8361.0	48.8	-5.2	43.6	74.0	-30.4	Peak	Vertical
*	10112.0	48.1	-4.5	43.6	68.2	-24.6	Peak	Vertical
	12177.5	46.7	-2.8	43.9	74.0	-30.1	Peak	Vertical
*	17328.5	43.4	6.3	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-AC1	Test Engineer	Arvin Ding
Test Date	2023-08-14~2023-08-21	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 show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7859.5	49.0	-5.8	43.2	68.2	-25.0	Peak	Horizontal
	9075.0	48.1	-4.8	43.3	74.0	-30.7	Peak	Horizontal
	14472.5	46.7	0.5	47.2	74.0	-26.8	Peak	Horizontal
*	16631.5	44.7	5.1	49.8	68.2	-18.4	Peak	Horizontal
	9075.0	48.4	-4.8	43.6	74.0	-30.4	Peak	Vertical
	11506.0	47.6	-3.1	44.5	74.0	-29.5	Peak	Vertical
*	13792.5	46.3	-0.5	45.8	68.2	-22.4	Peak	Vertical
*	17337.0	43.4	7.1	50.5	68.2	-17.7	Peak	Vertical

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

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

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

Test Site	SIP-AC1	Test Engineer	Arvin Ding
Test Date	2023-08-14~2023-08-21	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 show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8250.5	48.3	-5.3	43.0	74.0	-31.0	Peak	Horizontal
*	10001.5	47.9	-4.5	43.4	68.2	-24.8	Peak	Horizontal
	14472.5	46.8	0.5	47.3	74.0	-26.7	Peak	Horizontal
*	17065.0	43.5	5.1	48.6	68.2	-19.6	Peak	Horizontal
	7604.5	48.3	-6.2	42.1	74.0	-31.9	Peak	Vertical
*	10571.0	50.2	-4.2	46.0	68.2	-22.2	Peak	Vertical
*	13784.0	45.7	-0.6	45.1	68.2	-23.1	Peak	Vertical
	15841.0	44.9	3.4	48.3	74.0	-25.7	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-AC1	Test Engineer	Arvin Ding
Test Date	2023-08-14~2023-08-21	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 show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7698.0	49.4	-5.9	43.5	74.0	-30.5	Peak	Horizontal
*	9644.5	48.6	-4.8	43.8	68.2	-24.4	Peak	Horizontal
	12160.5	47.9	-2.8	45.1	74.0	-28.9	Peak	Horizontal
*	16954.5	44.3	5.2	49.5	68.2	-18.7	Peak	Horizontal
	7664.0	48.5	-6.4	42.1	74.0	-31.9	Peak	Vertical
*	9823.0	48.2	-4.9	43.3	68.2	-24.9	Peak	Vertical
	12109.5	46.7	-2.9	43.8	74.0	-30.2	Peak	Vertical
*	16937.5	44.9	5.4	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-AC1	Test Engineer	Arvin Ding
Test Date	2023-08-14~2023-08-21	Test Mode	802.11ax-HE20 – Channel 36
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7681.0	48.1	-6.0	42.1	74.0	-31.9	Peak	Horizontal
*	9644.5	48.8	-4.8	44.0	68.2	-24.2	Peak	Horizontal
	12373.0	47.0	-2.8	44.2	74.0	-29.8	Peak	Horizontal
*	16920.5	46.0	4.9	50.9	68.2	-17.3	Peak	Horizontal
	7536.5	47.1	-6.7	40.4	74.0	-33.6	Peak	Vertical
*	9721.0	46.0	-4.9	41.1	68.2	-27.1	Peak	Vertical
	11395.5	47.2	-3.7	43.5	74.0	-30.5	Peak	Vertical
*	16291.5	44.4	3.7	48.1	68.2	-20.1	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-AC1	Test Engineer	Arvin Ding
Test Date	2023-08-14~2023-08-21	Test Mode	802.11ax-HE20 – Channel 44
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7936.0	47.5	-5.7	41.8	68.2	-26.4	Peak	Horizontal
*	9644.5	49.6	-4.8	44.8	68.2	-23.4	Peak	Horizontal
	11948.0	46.9	-3.0	43.9	74.0	-30.1	Peak	Horizontal
	15433.0	43.9	2.8	46.7	74.0	-27.3	Peak	Horizontal
	8276.0	48.2	-5.1	43.1	74.0	-30.9	Peak	Vertical
*	10120.5	47.4	-4.4	43.0	68.2	-25.2	Peak	Vertical
	12245.5	46.8	-2.8	44.0	74.0	-30.0	Peak	Vertical
*	16920.5	44.2	4.9	49.1	68.2	-19.1	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-AC1	Test Engineer	Arvin Ding
Test Date	2023-08-14~2023-08-21	Test Mode	802.11ax-HE20 – Channel 48
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8735.0	47.9	-5.2	42.7	68.2	-25.5	Peak	Horizontal
	10877.0	47.9	-4.0	43.9	74.0	-30.1	Peak	Horizontal
*	13767.0	45.8	-0.4	45.4	68.2	-22.8	Peak	Horizontal
	15807.0	44.1	3.7	47.8	74.0	-26.2	Peak	Horizontal
	8327.0	49.0	-5.5	43.5	74.0	-30.5	Peak	Vertical
*	10061.0	47.6	-4.5	43.1	68.2	-25.1	Peak	Vertical
	14472.5	46.0	0.5	46.5	74.0	-27.5	Peak	Vertical
*	16317.0	44.8	3.4	48.2	68.2	-20.0	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-AC1	Test Engineer	Arvin Ding
Test Date	2023-08-14~2023-08-21	Test Mode	802.11ax-HE20 – Channel 52
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8259.0	47.9	-5.2	42.7	74.0	-31.3	Peak	Horizontal
*	9644.5	49.4	-4.8	44.6	68.2	-23.6	Peak	Horizontal
	12271.0	46.9	-2.8	44.1	74.0	-29.9	Peak	Horizontal
*	16317.0	44.6	3.4	48.0	68.2	-20.2	Peak	Horizontal
	8301.5	48.6	-5.4	43.2	74.0	-30.8	Peak	Vertical
*	10129.0	47.7	-4.3	43.4	68.2	-24.8	Peak	Vertical
	12509.0	46.9	-2.4	44.5	74.0	-29.5	Peak	Vertical
*	16631.5	44.0	5.1	49.1	68.2	-19.1	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-AC1	Test Engineer	Arvin Ding
Test Date	2023-08-14~2023-08-21	Test Mode	802.11ax-HE20 – Channel 60
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7579.0	48.2	-5.8	42.4	74.0	-31.6	Peak	Horizontal
*	9644.5	48.8	-4.8	44.0	68.2	-24.2	Peak	Horizontal
	12254.0	47.0	-2.8	44.2	74.0	-29.8	Peak	Horizontal
*	16742.0	45.2	4.6	49.8	68.2	-18.4	Peak	Horizontal
	8361.0	48.7	-5.2	43.5	74.0	-30.5	Peak	Vertical
	11353.0	46.7	-2.9	43.8	74.0	-30.2	Peak	Vertical
*	14158.0	45.8	-0.9	44.9	68.2	-23.3	Peak	Vertical
*	17575.0	43.5	6.8	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-AC1	Test Engineer	Arvin Ding
Test Date	2023-08-14~2023-08-21	Test Mode	802.11ax-HE20 – Channel 64
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8378.0	48.3	-5.2	43.1	74.0	-30.9	Peak	Horizontal
*	9644.5	49.5	-4.8	44.7	68.2	-23.5	Peak	Horizontal
	12152.0	46.9	-2.9	44.0	74.0	-30.0	Peak	Horizontal
*	14999.5	45.1	1.5	46.6	68.2	-21.6	Peak	Horizontal
	8259.0	48.2	-5.2	43.0	74.0	-31.0	Peak	Vertical
*	9984.5	48.0	-4.6	43.4	68.2	-24.8	Peak	Vertical
	12347.5	47.0	-2.7	44.3	74.0	-29.7	Peak	Vertical
*	16546.5	44.8	4.1	48.9	68.2	-19.3	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-AC1	Test Engineer	Arvin Ding
Test Date	2023-08-14~2023-08-21	Test Mode	802.11ax-HE20 – Channel 100
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8208.0	48.4	-5.4	43.0	74.0	-31.0	Peak	Horizontal
*	9644.5	49.7	-4.8	44.9	68.2	-23.3	Peak	Horizontal
	12237.0	47.3	-2.8	44.5	74.0	-29.5	Peak	Horizontal
*	17362.5	44.0	6.3	50.3	68.2	-17.9	Peak	Horizontal
	8225.0	48.0	-5.3	42.7	74.0	-31.3	Peak	Vertical
*	9976.0	49.2	-4.6	44.6	68.2	-23.6	Peak	Vertical
	12288.0	46.9	-2.8	44.1	74.0	-29.9	Peak	Vertical
*	16903.5	44.8	4.7	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-AC1	Test Engineer	Arvin Ding
Test Date	2023-08-14~2023-08-21	Test Mode	802.11ax-HE20 – Channel 116
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7681.0	48.7	-6.0	42.7	74.0	-31.3	Peak	Horizontal
*	9644.5	50.4	-4.8	45.6	68.2	-22.6	Peak	Horizontal
	11939.5	47.2	-3.1	44.1	74.0	-29.9	Peak	Horizontal
*	15322.5	44.8	2.3	47.1	68.2	-21.1	Peak	Horizontal
	7630.0	48.5	-6.1	42.4	74.0	-31.6	Peak	Vertical
*	9916.5	48.0	-4.6	43.4	68.2	-24.8	Peak	Vertical
	12084.0	46.4	-2.7	43.7	74.0	-30.3	Peak	Vertical
*	16920.5	44.4	4.9	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-AC1	Test Engineer	Arvin Ding
Test Date	2023-08-14~2023-08-21	Test Mode	802.11ax-HE20 – Channel 140
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8225.0	48.1	-5.3	42.8	74.0	-31.2	Peak	Horizontal
*	10443.5	47.3	-4.3	43.0	68.2	-25.2	Peak	Horizontal
	12492.0	46.6	-2.4	44.2	74.0	-29.8	Peak	Horizontal
*	16946.0	44.5	5.5	50.0	68.2	-18.2	Peak	Horizontal
	8293.0	48.4	-5.4	43.0	74.0	-31.0	Peak	Vertical
*	9814.5	45.1	-4.9	40.2	68.2	-28.0	Peak	Vertical
	11557.0	47.0	-3.4	43.6	74.0	-30.4	Peak	Vertical
*	16895.0	44.3	5.0	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-AC1	Test Engineer	Arvin Ding
Test Date	2023-08-14~2023-08-21	Test Mode	802.11ax-HE20 – Channel 144
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7553.5	48.5	-6.4	42.1	74.0	-31.9	Peak	Horizontal
*	9644.5	48.7	-4.8	43.9	68.2	-24.3	Peak	Horizontal
	12067.0	47.7	-2.8	44.9	74.0	-29.1	Peak	Horizontal
*	16878.0	44.4	4.7	49.1	68.2	-19.1	Peak	Horizontal
	7706.5	49.0	-6.0	43.0	74.0	-31.0	Peak	Vertical
*	9687.0	47.7	-5.0	42.7	68.2	-25.5	Peak	Vertical
	11616.5	47.2	-3.4	43.8	74.0	-30.2	Peak	Vertical
*	16954.5	44.9	5.2	50.1	68.2	-18.1	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-AC1	Test Engineer	Arvin Ding
Test Date	2023-08-14~2023-08-21	Test Mode	802.11ax-HE20 – Channel 149
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8284.5	48.1	-5.2	42.9	74.0	-31.1	Peak	Horizontal
*	9644.5	49.1	-4.8	44.3	68.2	-23.9	Peak	Horizontal
	12245.5	46.5	-2.8	43.7	74.0	-30.3	Peak	Horizontal
*	16640.0	44.0	5.0	49.0	68.2	-19.2	Peak	Horizontal
	7375.0	48.2	-6.5	41.7	74.0	-32.3	Peak	Vertical
*	9627.5	47.9	-4.9	43.0	68.2	-25.2	Peak	Vertical
	12194.5	47.3	-2.9	44.4	74.0	-29.6	Peak	Vertical
*	17328.5	43.0	6.3	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-AC1	Test Engineer	Arvin Ding
Test Date	2023-08-14~2023-08-21	Test Mode	802.11ax-HE20 – Channel 157
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8735.0	47.7	-2.1	45.6	68.2	-22.6	Peak	Horizontal
	11242.5	47.5	-1.6	45.9	74.0	-28.1	Peak	Horizontal
	14472.5	48.9	1.3	50.2	74.0	-23.8	Peak	Horizontal
*	16886.5	44.7	6.6	51.3	68.2	-16.9	Peak	Horizontal
	8420.5	48.4	-3.2	45.2	74.0	-28.8	Peak	Vertical
	11438.0	47.8	-1.4	46.4	74.0	-27.6	Peak	Vertical
*	14260.0	47.1	3.1	50.2	68.2	-18.0	Peak	Vertical
*	16929.0	44.3	6.8	51.1	68.2	-17.1	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-AC1	Test Engineer	Arvin Ding
Test Date	2023-08-14~2023-08-21	Test Mode	802.11ax-HE20 – Channel 165
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8148.5	48.8	-3.4	45.4	74.0	-28.6	Peak	Horizontal
	11149.0	48.5	-1.4	47.1	74.0	-26.9	Peak	Horizontal
*	13843.5	47.2	2.4	49.6	68.2	-18.6	Peak	Horizontal
*	16903.5	44.8	6.8	51.6	68.2	-16.6	Peak	Horizontal
	8233.5	48.1	-3.2	44.9	74.0	-29.1	Peak	Vertical
	11370.0	47.9	-1.7	46.2	74.0	-27.8	Peak	Vertical
*	13971.0	46.0	2.6	48.6	68.2	-19.6	Peak	Vertical
*	16827.0	45.2	6.6	51.8	68.2	-16.4	Peak	Vertical

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

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

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

Test Site	SIP-AC1	Test Engineer	Arvin Ding
Test Date	2023-08-14~2023-08-21	Test Mode	802.11ax-HE40 – Channel 38
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8437.5	49.0	-3.2	45.8	74.0	-28.2	Peak	Horizontal
*	10103.5	48.1	-1.6	46.5	68.2	-21.7	Peak	Horizontal
	11829.0	48.0	-1.8	46.2	74.0	-27.8	Peak	Horizontal
*	14226.0	46.9	3.0	49.9	68.2	-18.3	Peak	Horizontal
	7477.0	49.3	-4.6	44.7	74.0	-29.3	Peak	Vertical
*	9772.0	45.7	-2.0	43.7	68.2	-24.5	Peak	Vertical
	11489.0	48.1	-1.6	46.5	74.0	-27.5	Peak	Vertical
*	16929.0	45.0	6.8	51.8	68.2	-16.4	Peak	Vertical

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

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

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

Test Site	SIP-AC1	Test Engineer	Arvin Ding
Test Date	2023-08-14~2023-08-21	Test Mode	802.11ax-HE40 – Channel 46
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8820.0	47.5	-2.0	45.5	68.2	-22.7	Peak	Horizontal
	11132.0	47.8	-1.4	46.4	74.0	-27.6	Peak	Horizontal
*	13869.0	46.9	2.5	49.4	68.2	-18.8	Peak	Horizontal
	15688.0	45.3	4.8	50.1	74.0	-23.9	Peak	Horizontal
*	7035.0	48.9	-5.1	43.8	68.2	-24.4	Peak	Vertical
*	9661.5	47.5	-2.0	45.5	68.2	-22.7	Peak	Vertical
	11166.0	47.2	-1.3	45.9	74.0	-28.1	Peak	Vertical
	15994.0	45.3	5.4	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-AC1	Test Engineer	Arvin Ding
Test Date	2023-08-14~2023-08-21	Test Mode	802.11ax-HE40 – Channel 54
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8803.0	48.6	-5.0	43.6	68.2	-24.6	Peak	Horizontal
	11472.0	46.6	-3.2	43.4	74.0	-30.6	Peak	Horizontal
	14472.5	47.7	0.5	48.2	74.0	-25.8	Peak	Horizontal
*	16954.5	45.7	5.2	50.9	68.2	-17.3	Peak	Horizontal
	8327.0	49.4	-5.5	43.9	74.0	-30.1	Peak	Vertical
	11055.5	47.4	-4.0	43.4	74.0	-30.6	Peak	Vertical
*	13809.5	45.6	-0.7	44.9	68.2	-23.3	Peak	Vertical
*	16878.0	44.6	4.7	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-AC1	Test Engineer	Arvin Ding
Test Date	2023-08-14~2023-08-21	Test Mode	802.11ax-HE40 – Channel 62
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8344.0	48.8	-5.4	43.4	74.0	-30.6	Peak	Horizontal
	11123.5	47.7	-3.8	43.9	74.0	-30.1	Peak	Horizontal
*	13605.5	45.6	-0.7	44.9	68.2	-23.3	Peak	Horizontal
*	16623.0	43.4	5.2	48.6	68.2	-19.6	Peak	Horizontal
	8403.5	49.1	-5.7	43.4	74.0	-30.6	Peak	Vertical
*	10010.0	48.0	-4.4	43.6	68.2	-24.6	Peak	Vertical
	12288.0	48.4	-2.8	45.6	74.0	-28.4	Peak	Vertical
*	16725.0	44.2	4.9	49.1	68.2	-19.1	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)