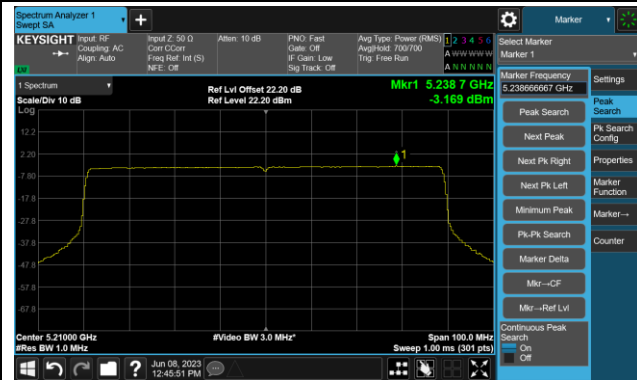


802.11ax-HE80 Power Spectral Density- Ant 0

Channel 42 (5210MHz)



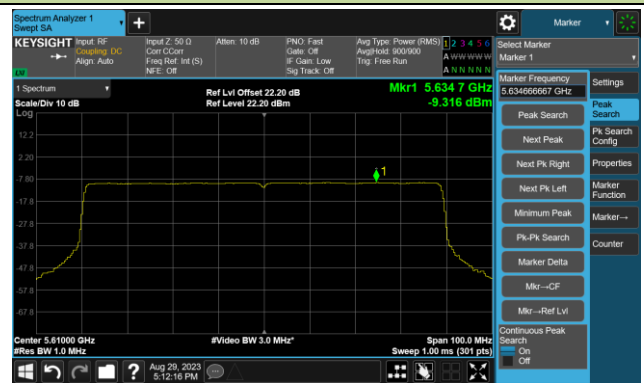
Channel 58 (5290MHz)



Channel 106 (5530MHz)



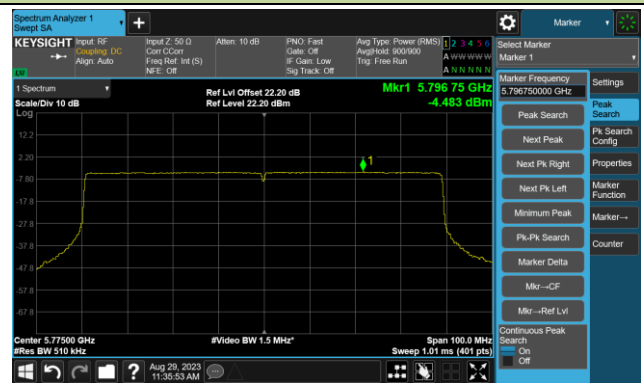
Channel 122 (5610MHz)



Channel 138 (5690MHz)

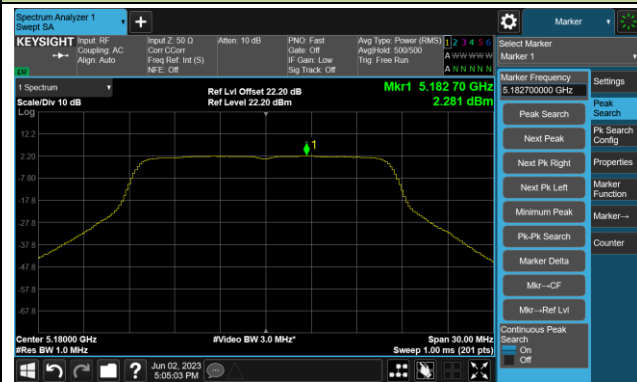


Channel 155 (5775MHz)

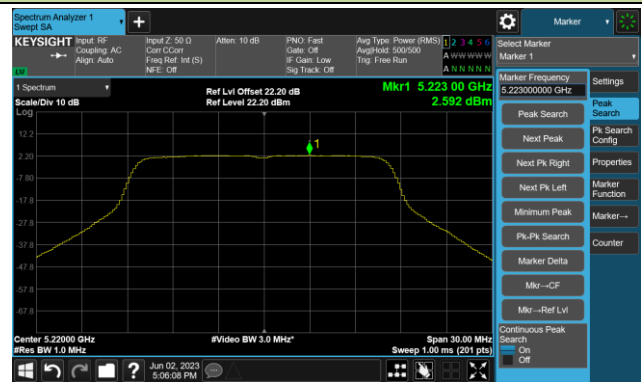


802.11a Power Spectral Density- Ant 1

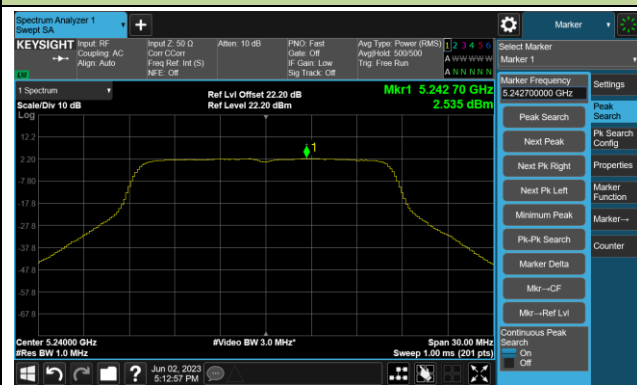
Channel 36 (5180MHz)



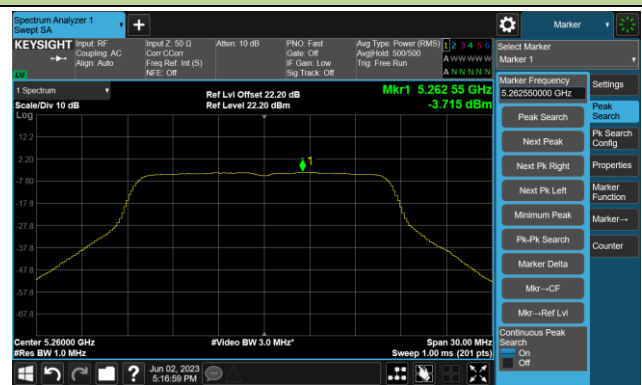
Channel 44 (5220MHz)



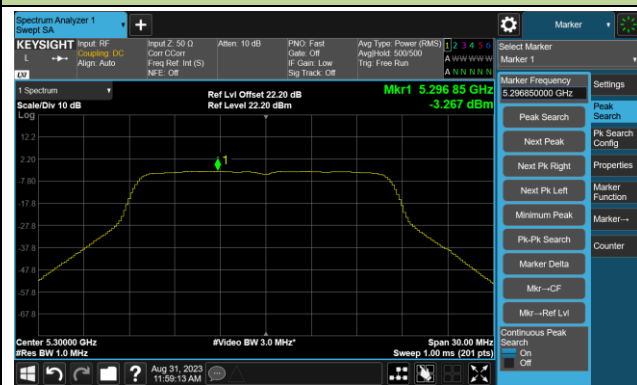
Channel 48 (5240MHz)



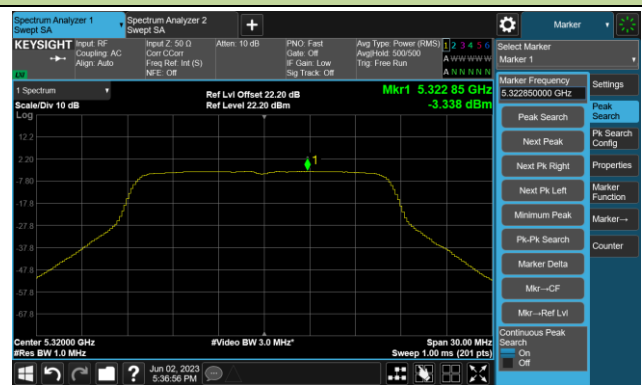
Channel 52 (5260MHz)



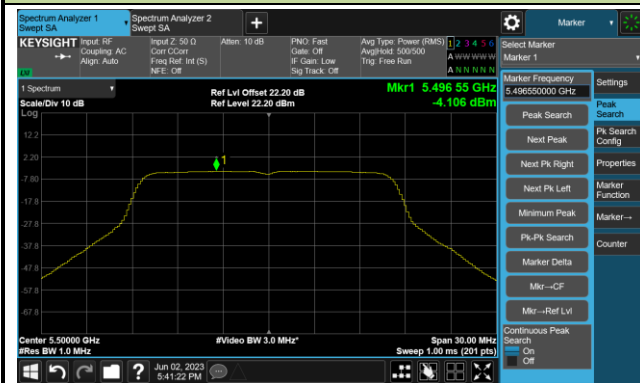
Channel 60 (5300MHz)



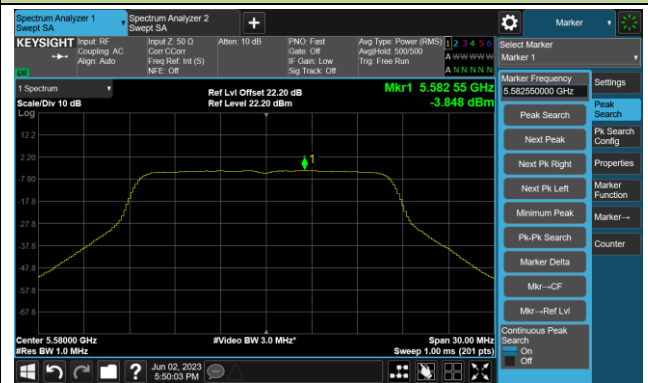
Channel 64 (5320MHz)



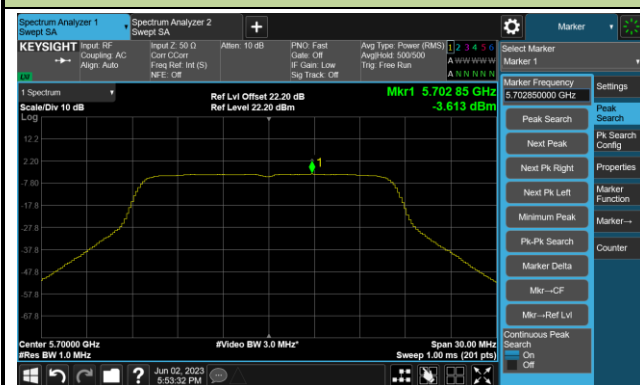
Channel 100 (5500MHz)



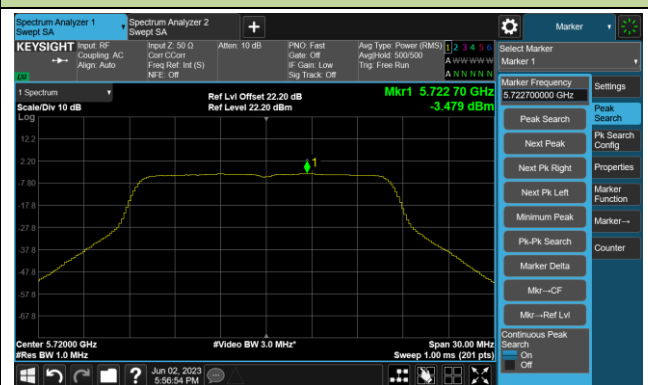
Channel 116 (5580MHz)



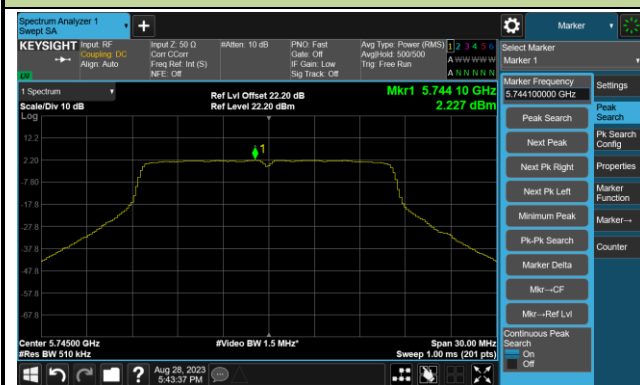
Channel 140 (5700MHz)



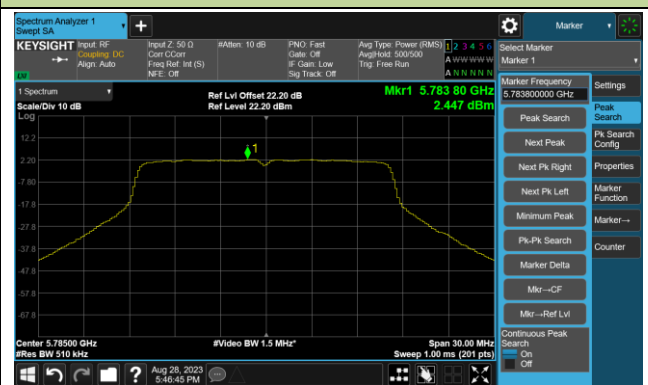
Channel 144(5720MHz)

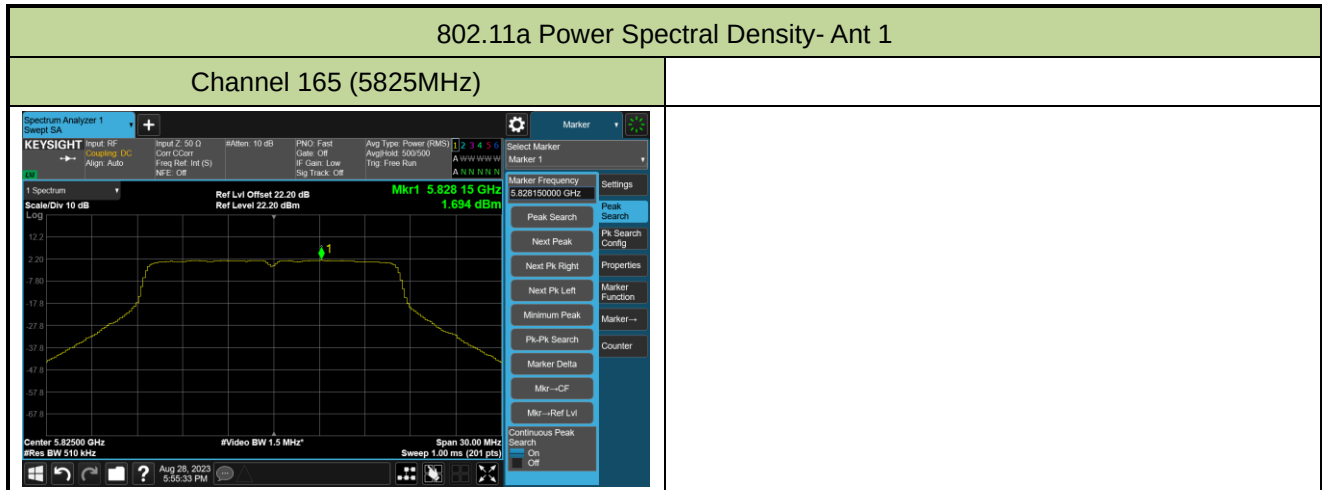


Channel 149 (5745MHz)



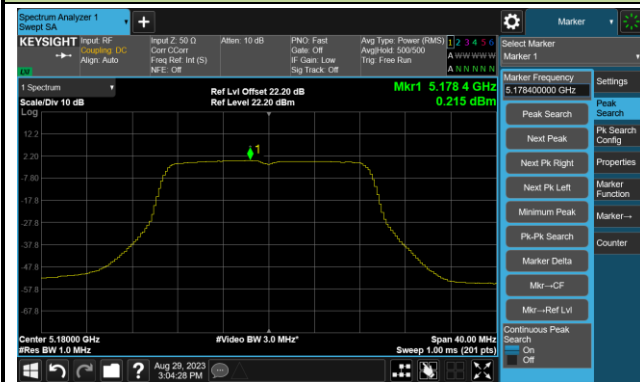
Channel 157 (5785MHz)



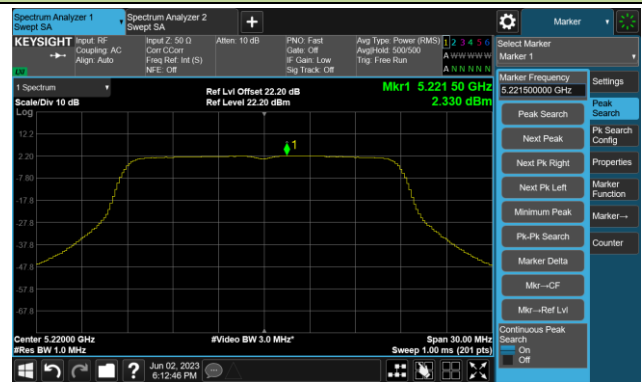


802.11ac-VHT20 Power Spectral Density- Ant 1

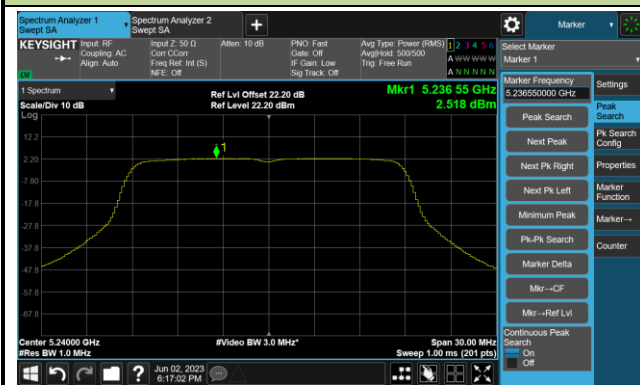
Channel 36 (5180MHz)



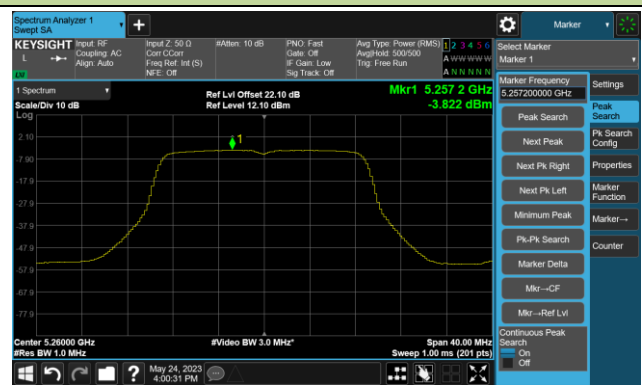
Channel 44 (5220MHz)



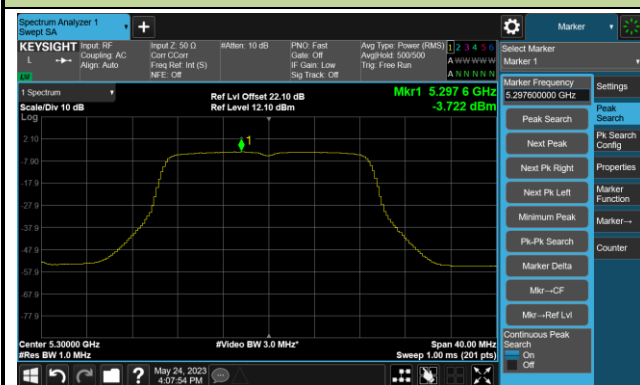
Channel 48 (5240MHz)



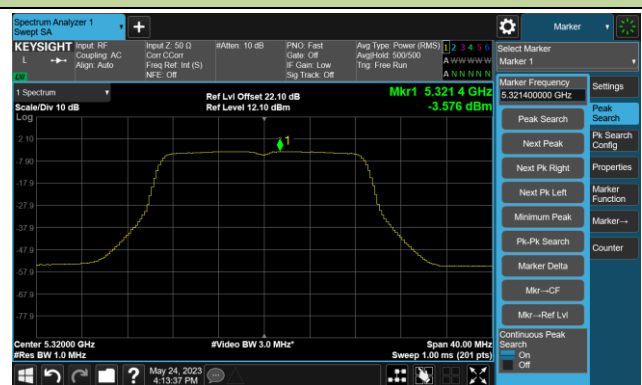
Channel 52 (5260MHz)



Channel 60 (5300MHz)

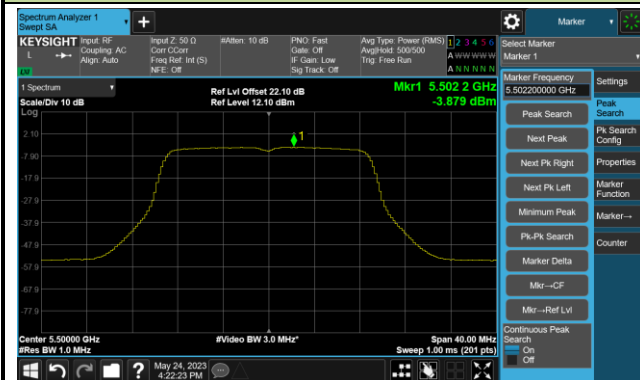


Channel 64 (5320MHz)

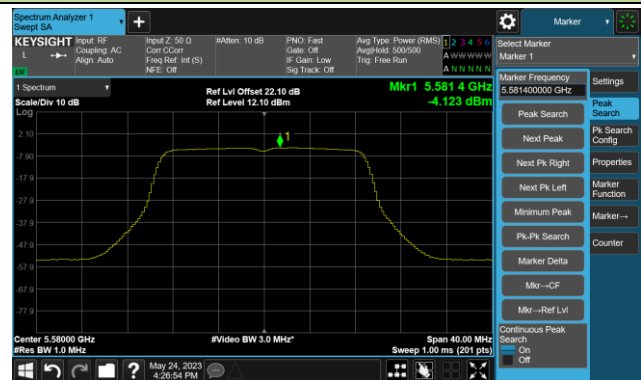


802.11ac-VHT20 Power Spectral Density- Ant 1

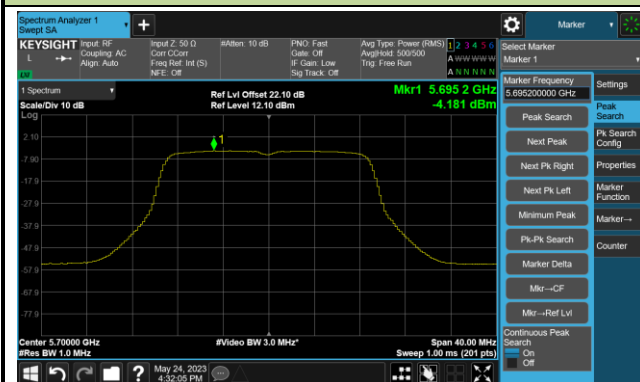
Channel 100 (5500MHz)



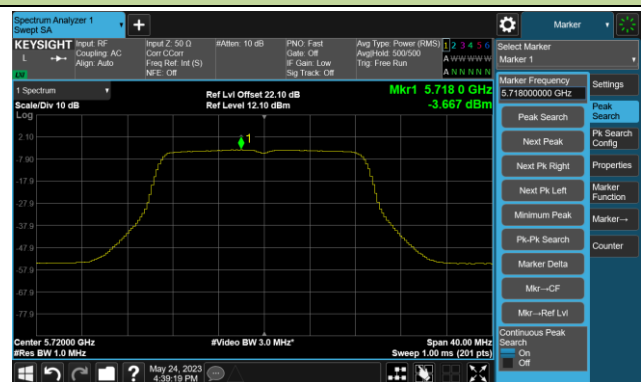
Channel 116 (5580MHz)



Channel 140 (5700MHz)



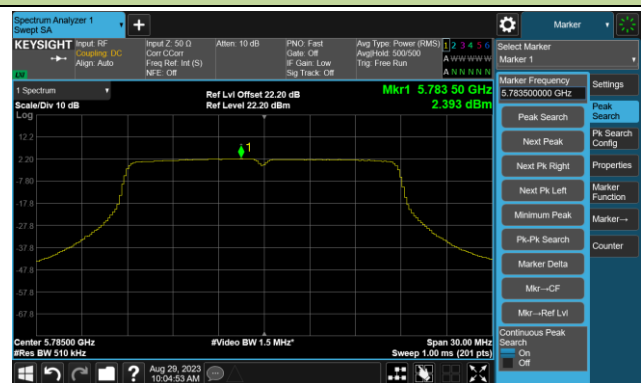
Channel 144(5720MHz)



Channel 149 (5745MHz)

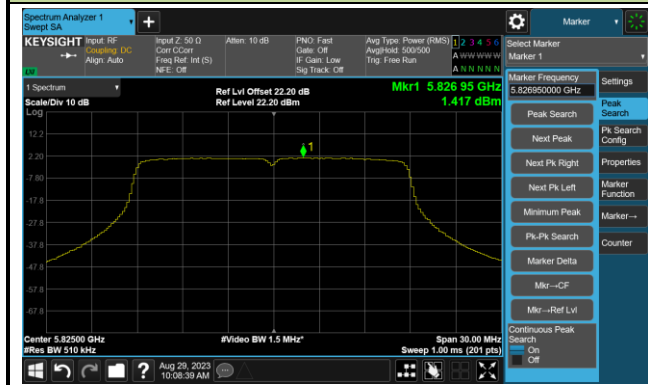


Channel 157 (5785MHz)



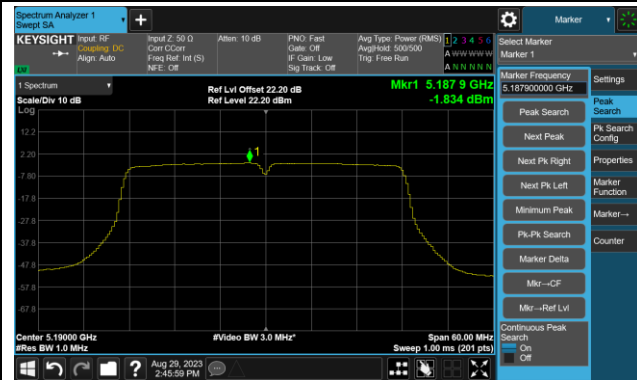
802.11ac-VHT20 Power Spectral Density- Ant 1

Channel 165 (5825MHz)

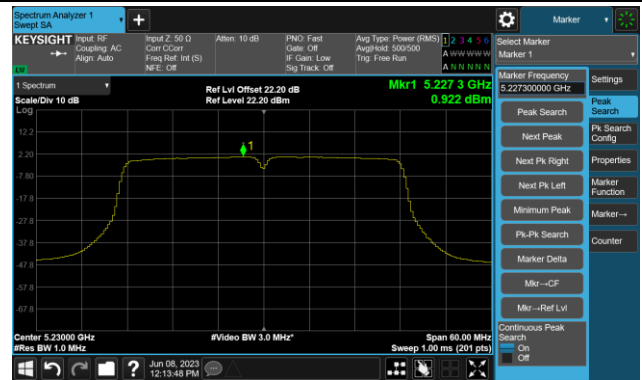


802.11ac-VHT40 Power Spectral Density- Ant 1

Channel 38 (5190MHz)



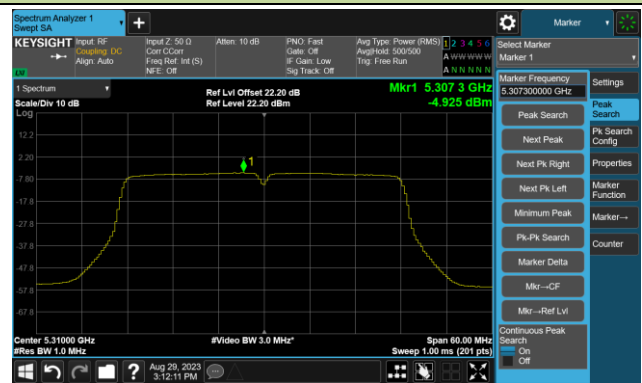
Channel 46 (5230MHz)



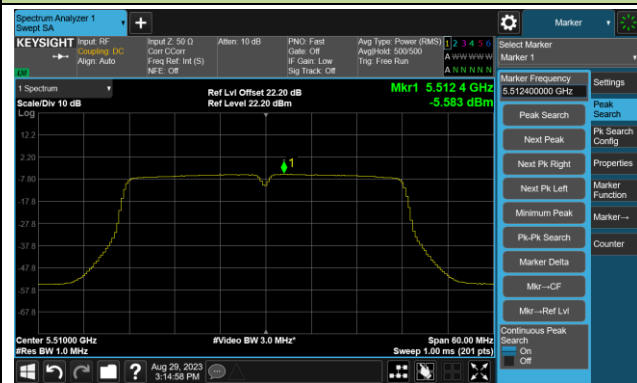
Channel 54 (5270MHz)



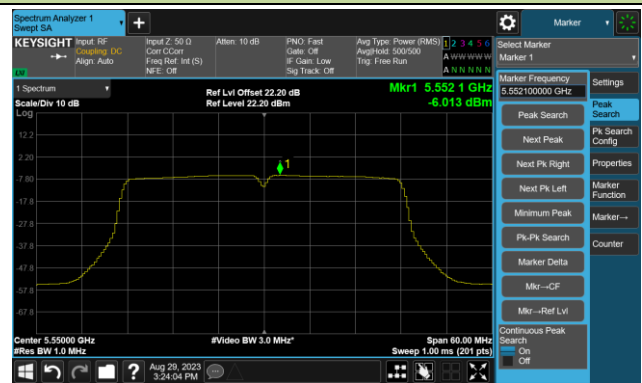
Channel 62 (5310MHz)



Channel 102 (5510MHz)



Channel 110 (5550MHz)

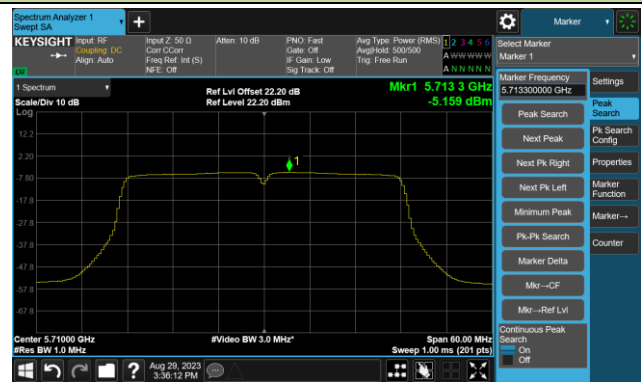


802.11ac-VHT40 Power Spectral Density- Ant 1

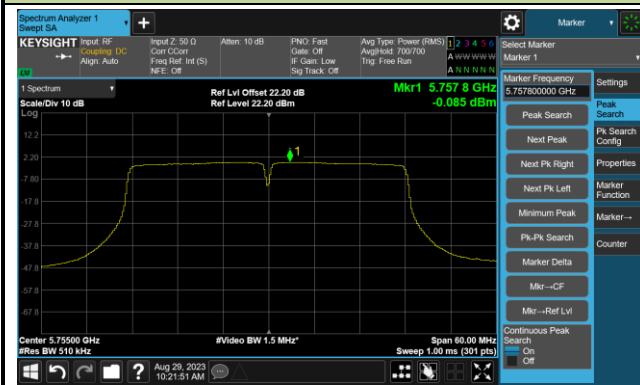
Channel 134 (5670MHz)



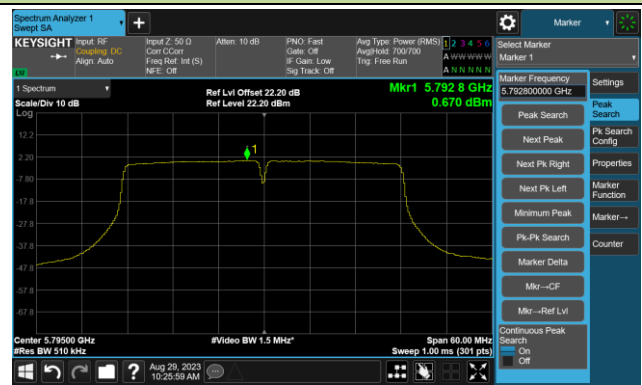
Channel 142(5710MHz)



Channel 151 (5755MHz)

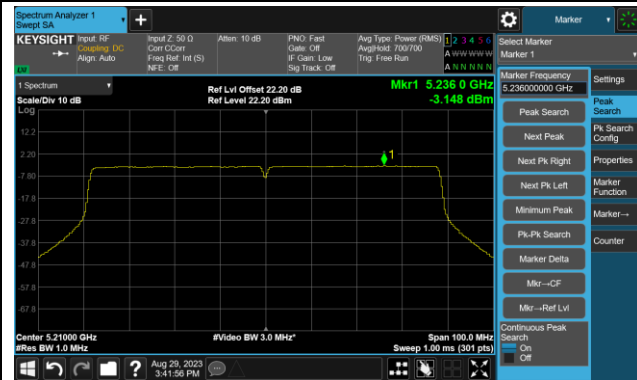


Channel 159 (5795MHz)

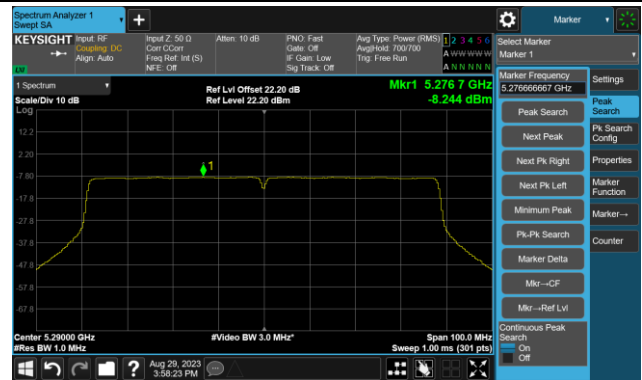


802.11ac-VHT80 Power Spectral Density- Ant 1

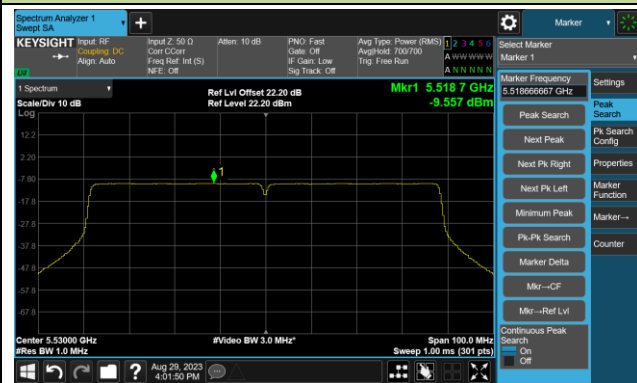
Channel 42 (5210MHz)



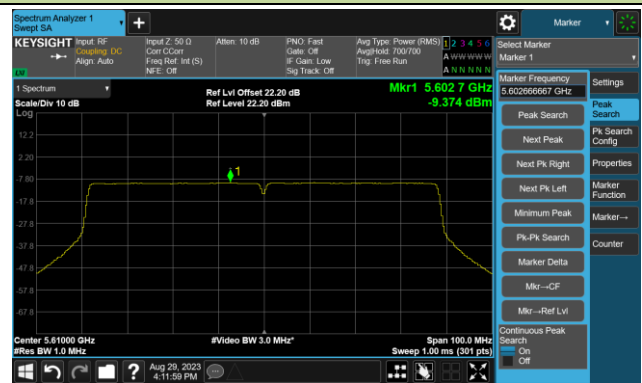
Channel 58 (5290MHz)



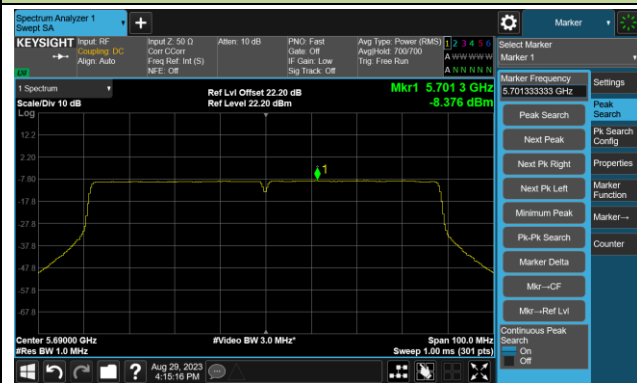
Channel 106 (5530MHz)



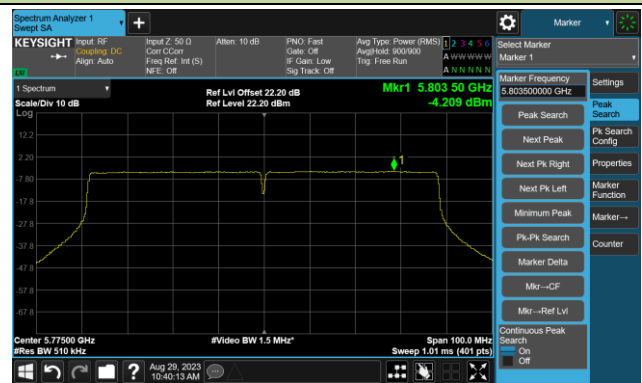
Channel 122 (5610MHz)



Channel 138 (5690MHz)

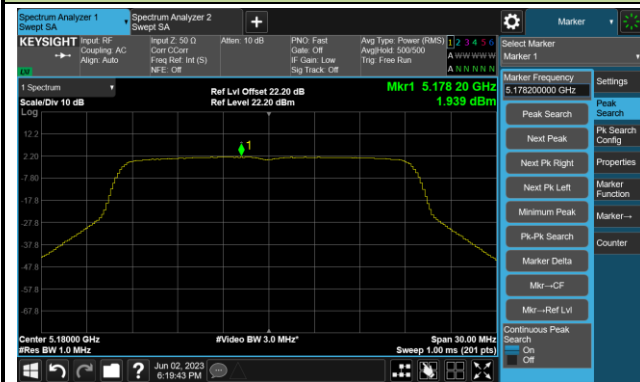


Channel 155 (5775MHz)



802.11ax-HE20 Power Spectral Density- Ant 1

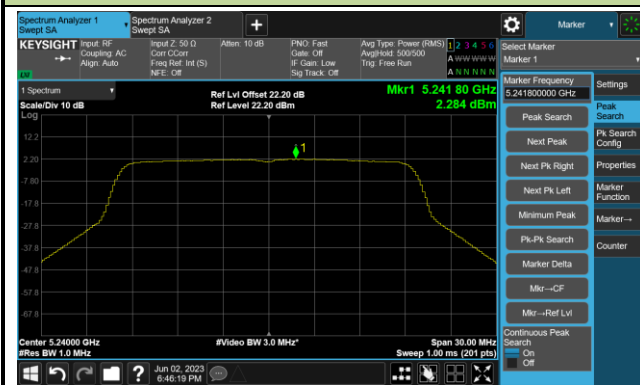
Channel 36 (5180MHz)



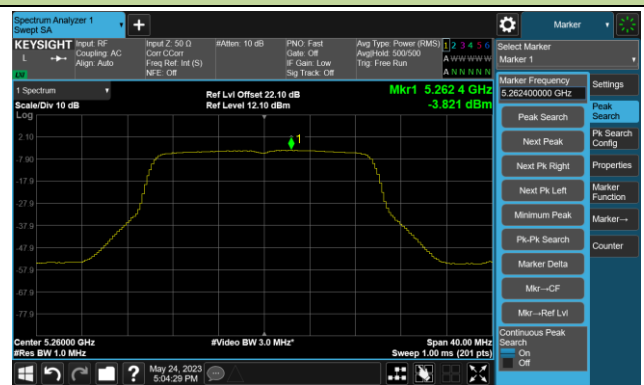
Channel 44 (5220MHz)



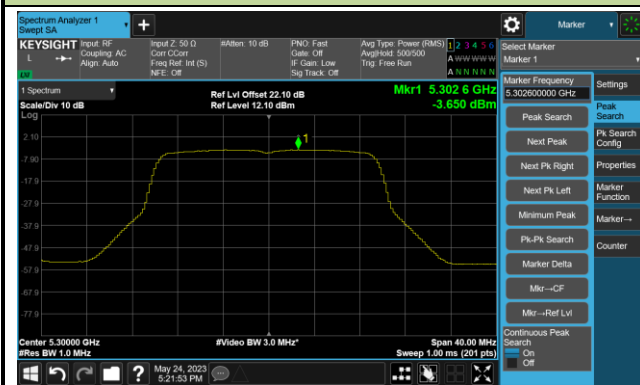
Channel 48 (5240MHz)



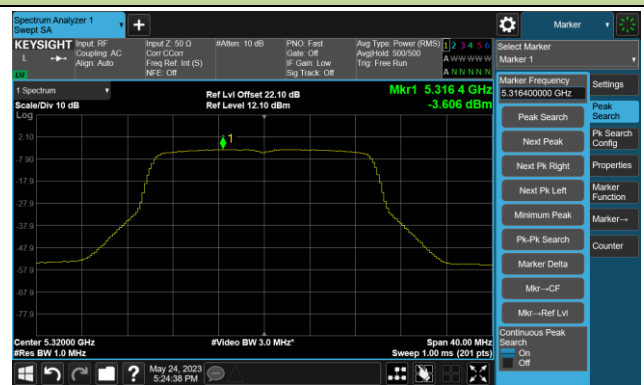
Channel 52 (5260MHz)



Channel 60 (5300MHz)

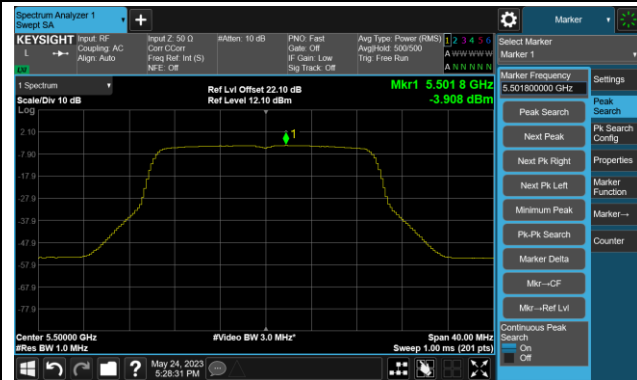


Channel 64 (5320MHz)

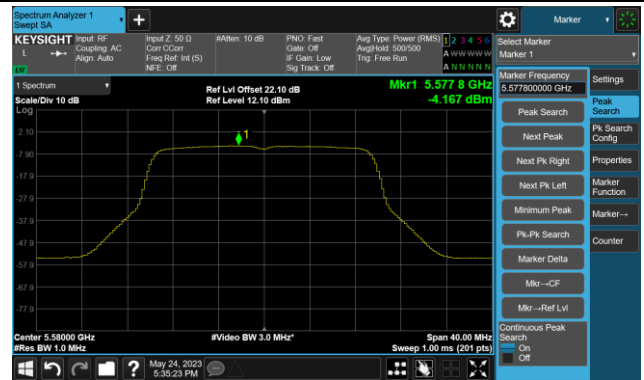


802.11ax-HE20 Power Spectral Density- Ant 1

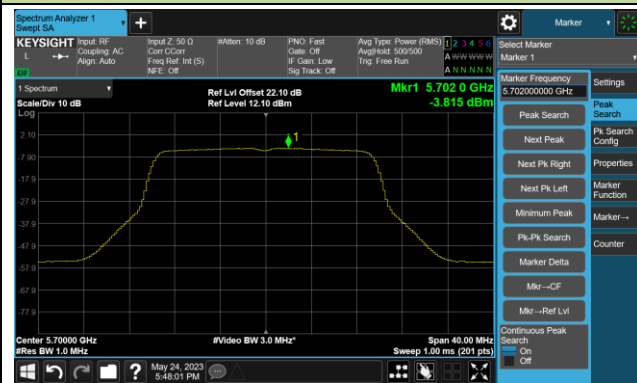
Channel 100 (5500MHz)



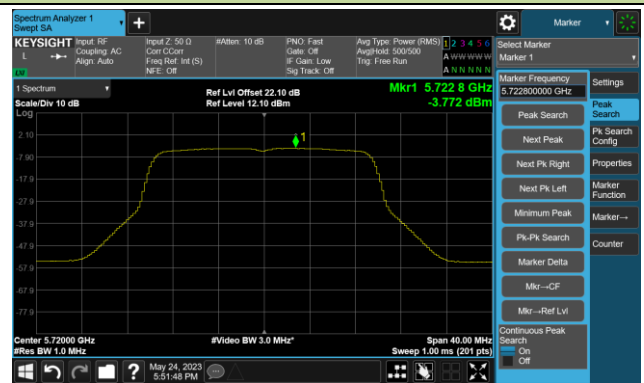
Channel 116 (5580MHz)



Channel 140 (5700MHz)



Channel 144(5720MHz)



Channel 149 (5745MHz)

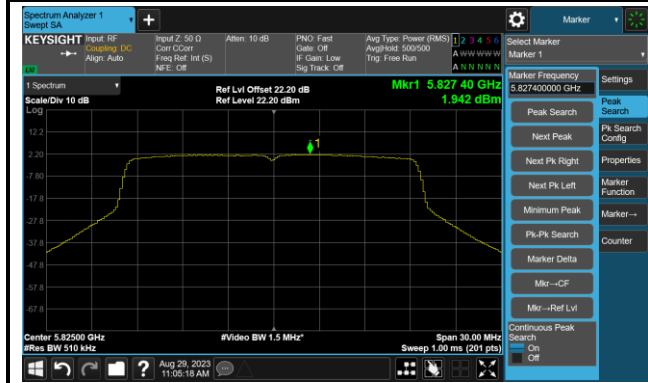


Channel 157 (5785MHz)



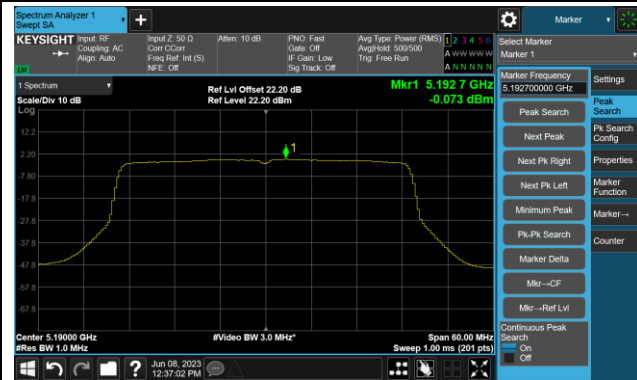
802.11ax-HE20 Power Spectral Density- Ant 1

Channel 165 (5825MHz)



802.11ax-HE40 Power Spectral Density- Ant 1

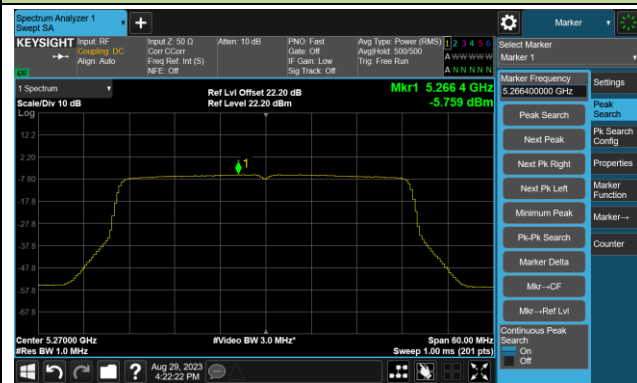
Channel 38 (5190MHz)



Channel 46 (5230MHz)



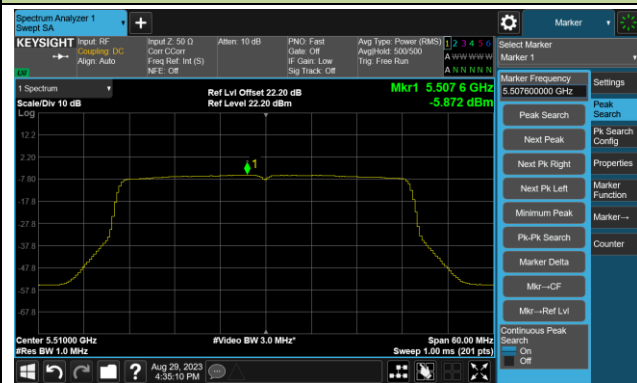
Channel 54 (5270MHz)



Channel 62 (5310MHz)



Channel 102 (5510MHz)



Channel 110 (5550MHz)



802.11ax-HE40 Power Spectral Density- Ant 1

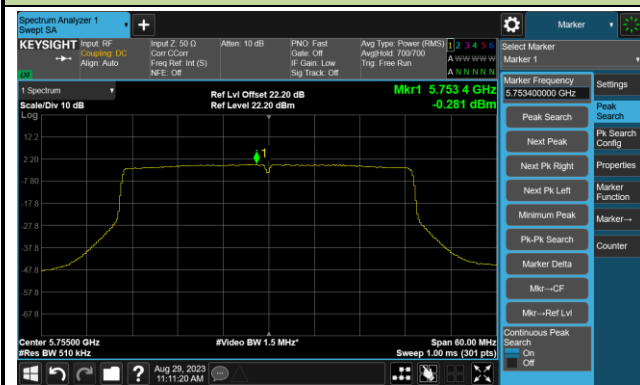
Channel 134 (5670MHz)



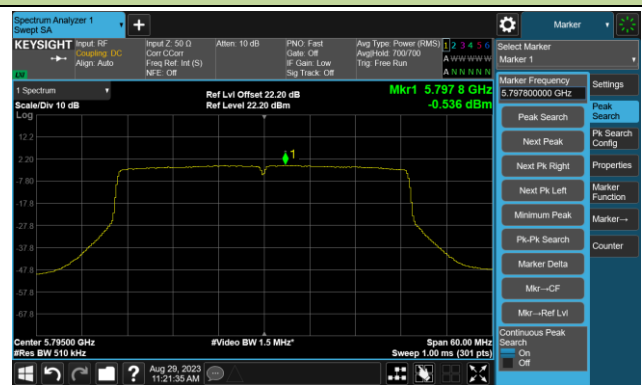
Channel 142(5710MHz)



Channel 151 (5755MHz)

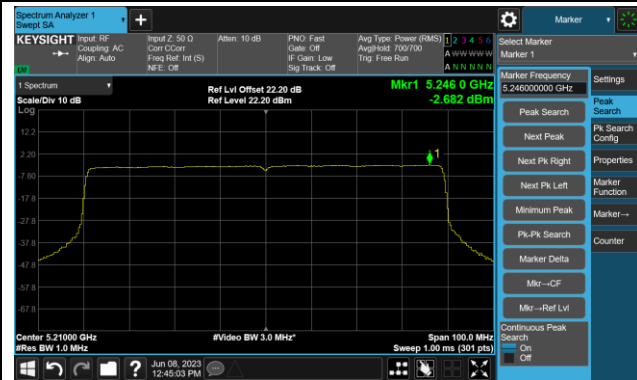


Channel 159 (5795MHz)



802.11ax-HE80 Power Spectral Density- Ant 1

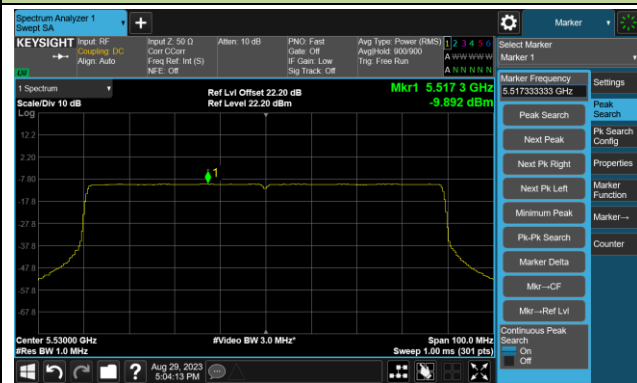
Channel 42 (5210MHz)



Channel 58 (5290MHz)



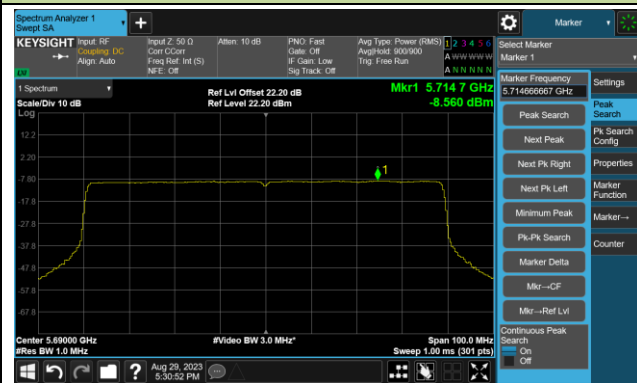
Channel 106 (5530MHz)



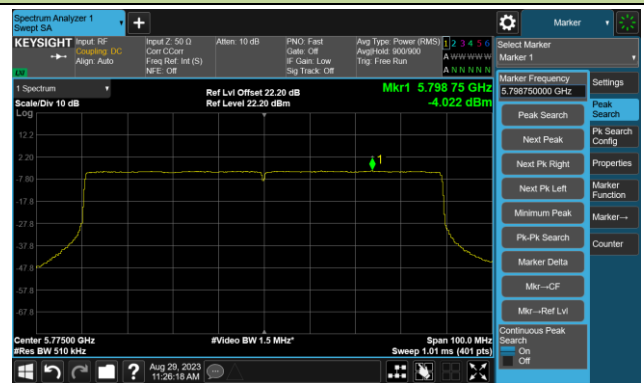
Channel 122 (5610MHz)



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)} *10⁶.

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)