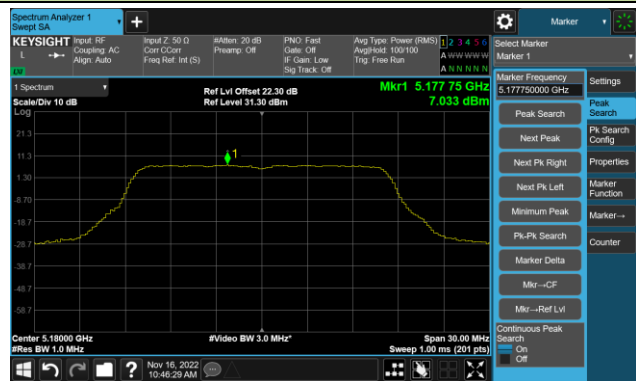


802.11a Power Spectral Density - Ant 4

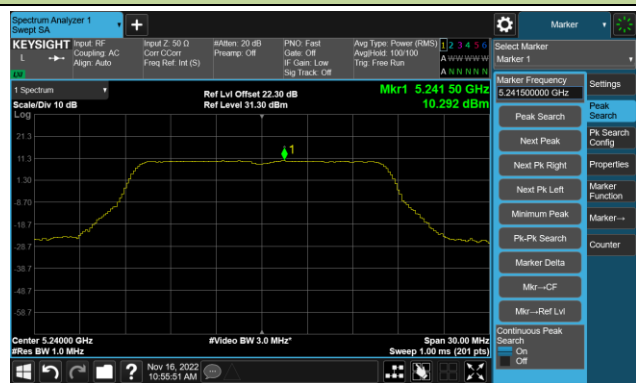
Channel 36 (5180MHz)



Channel 44 (5220MHz)



Channel 48 (5240MHz)



Channel 52 (5260MHz)



Channel 60 (5300MHz)



Channel 64 (5320MHz)



Channel 100 (5500MHz)



Channel 116 (5580MHz)



Channel 140 (5700MHz)



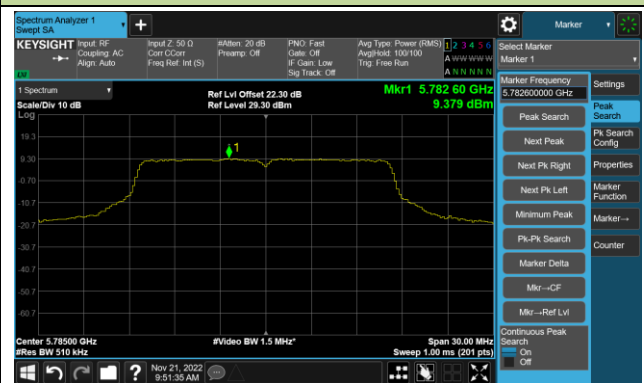
Channel 144(5720MHz)



Channel 149 (5745MHz)



Channel 157 (5785MHz)



Channel 165 (5825MHz)

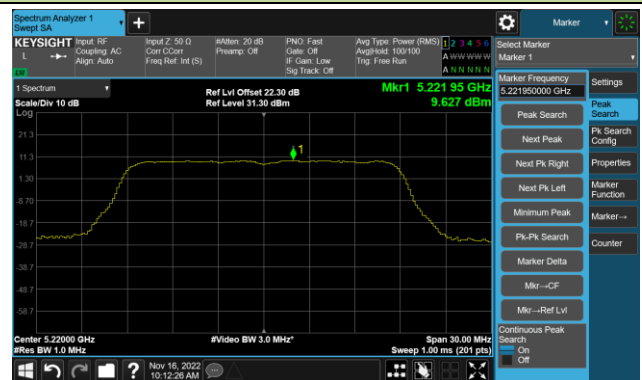


802.11ac-VHT20 Power Spectral Density - Ant 4

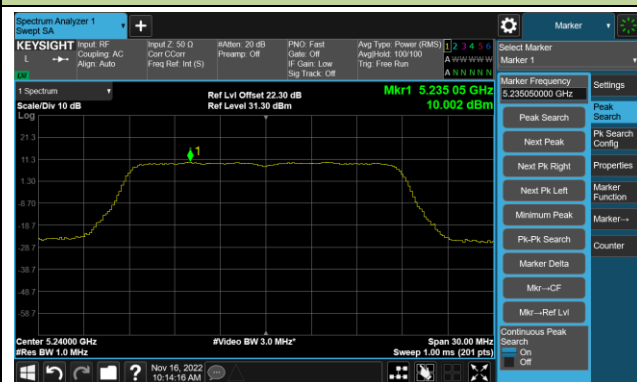
Channel 36 (5180MHz)



Channel 44 (5220MHz)



Channel 48 (5240MHz)



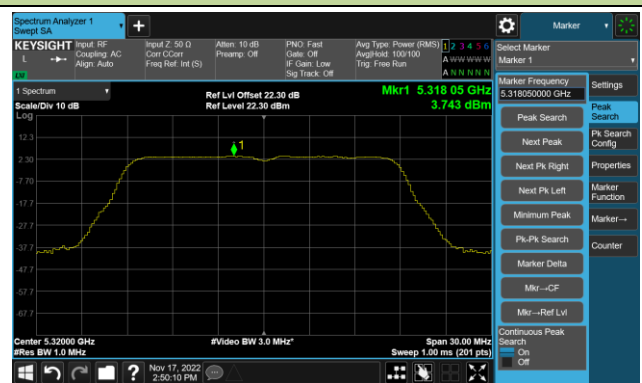
Channel 52 (5260MHz)



Channel 60 (5300MHz)

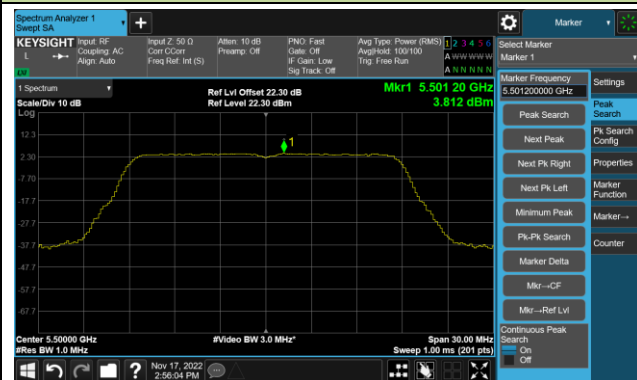


Channel 64 (5320MHz)

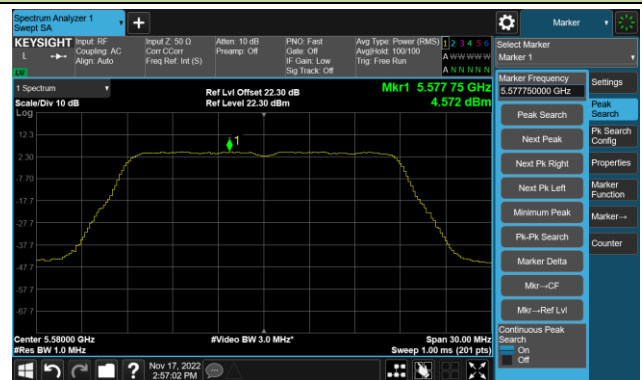


802.11ac-VHT20 Power Spectral Density - Ant 4

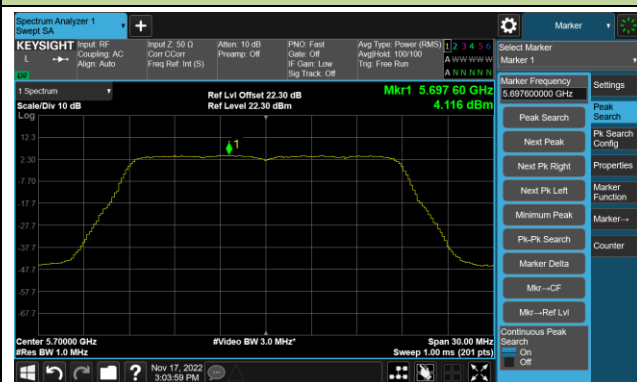
Channel 100 (5500MHz)



Channel 116 (5580MHz)



Channel 140 (5700MHz)



Channel 144(5720MHz)



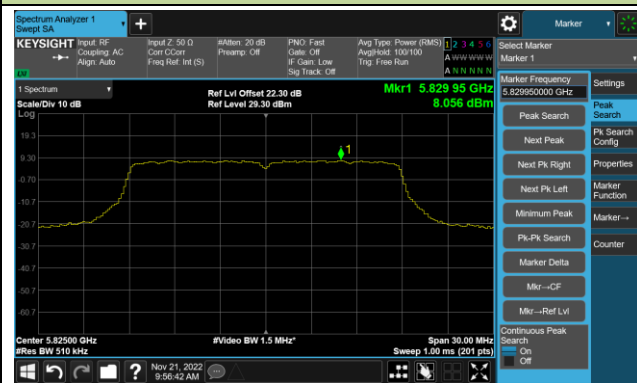
Channel 149 (5745MHz)



Channel 157 (5785MHz)

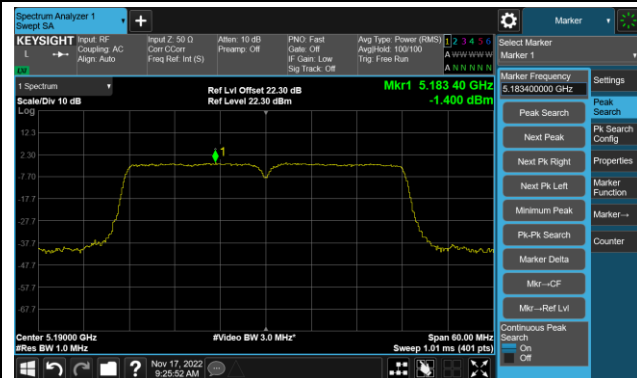


Channel 165 (5825MHz)

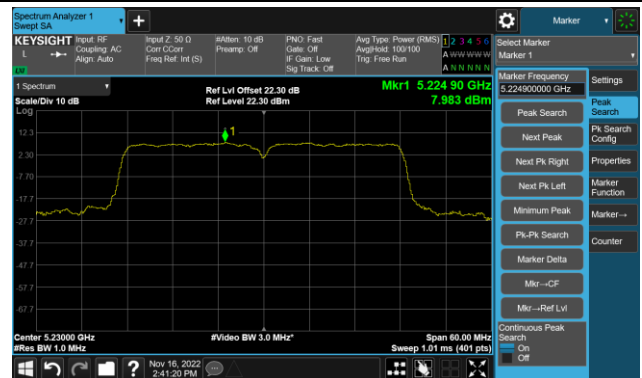


802.11ac-VHT40 Power Spectral Density - Ant 4

Channel 38 (5190MHz)



Channel 46 (5230MHz)



Channel 54 (5270MHz)



Channel 62 (5310MHz)



Channel 102 (5510MHz)



Channel 110 (5550MHz)

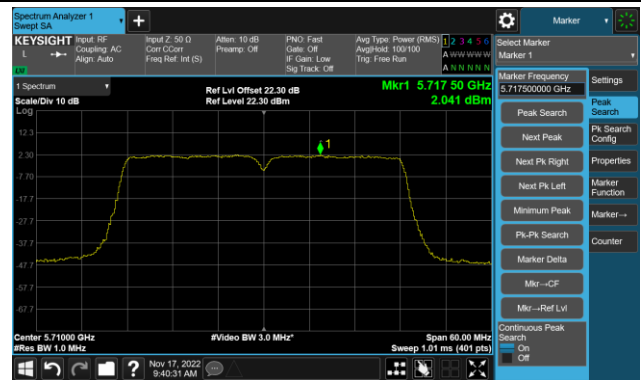


802.11ac-VHT40 Power Spectral Density - Ant 4

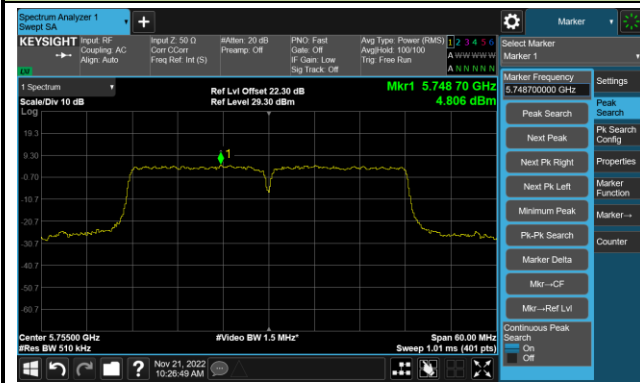
Channel 134 (5670MHz)



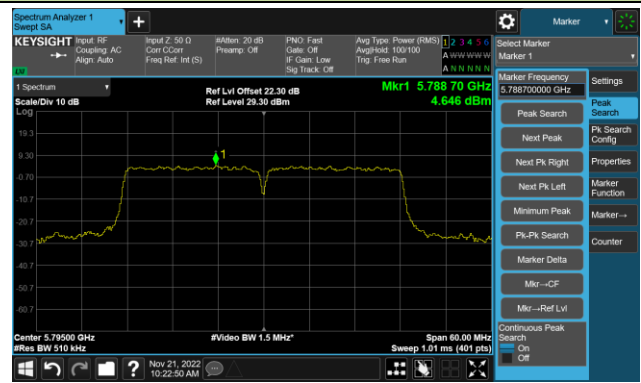
Channel 142(5710MHz)



Channel 151 (5755MHz)

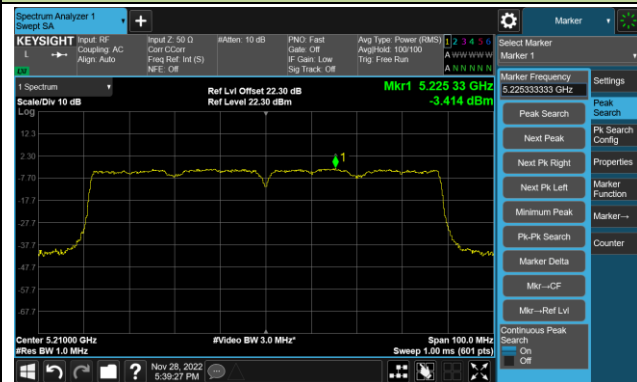


Channel 159 (5795MHz)

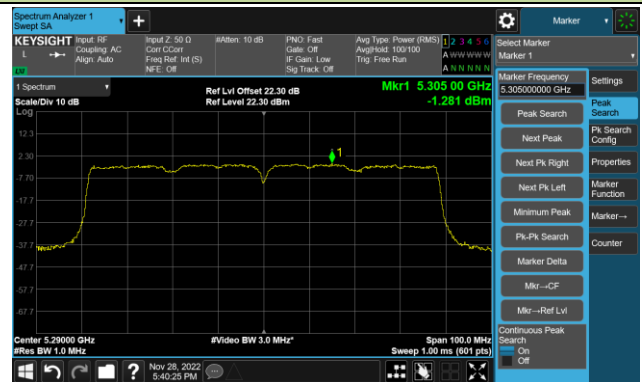


802.11ac-VHT80 Power Spectral Density - Ant 4

Channel 42 (5210MHz)



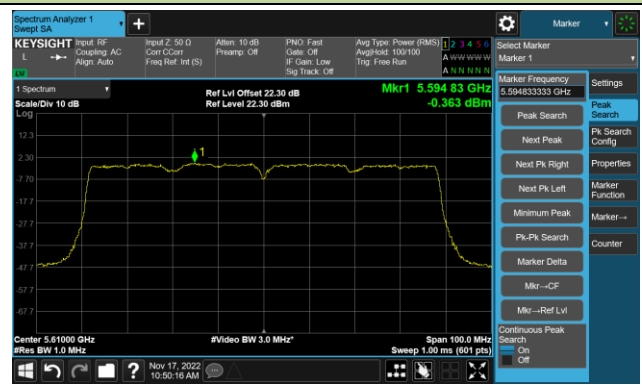
Channel 58 (5290MHz)



Channel 106 (5530MHz)



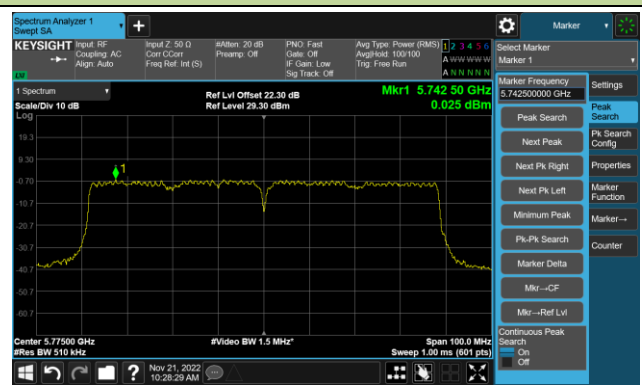
Channel 122 (5610MHz)



Channel 138 (5690MHz)

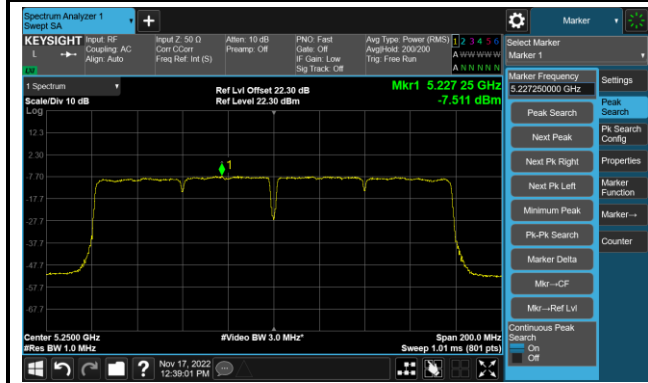


Channel 155 (5775MHz)

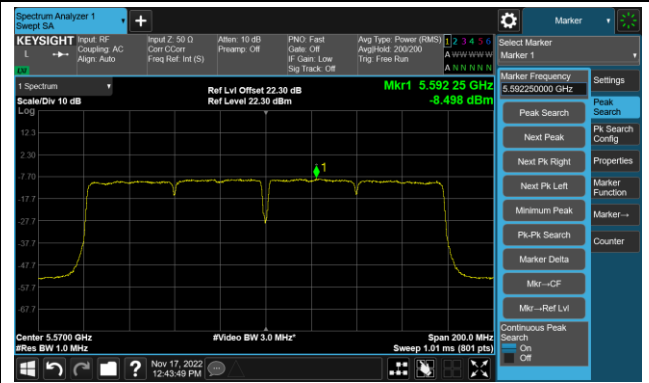


802.11ac-VHT160 Power Spectral Density - Ant 4

Channel 50 (5250MHz)



Channel 114 (5570MHz)



802.11ax-HE20 Power Spectral Density - Ant 4

Channel 36 (5180MHz)



Channel 44 (5220MHz)



Channel 48 (5240MHz)



Channel 52 (5260MHz)



Channel 60 (5300MHz)

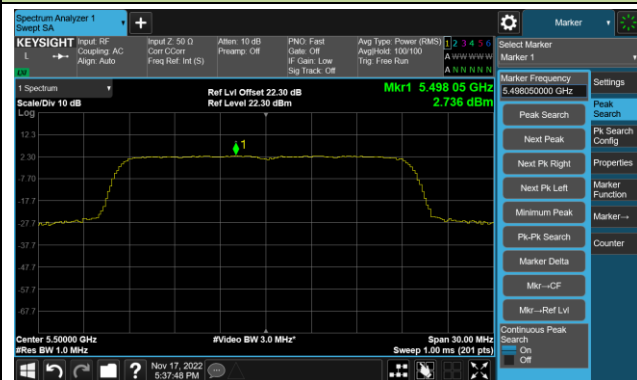


Channel 64 (5320MHz)

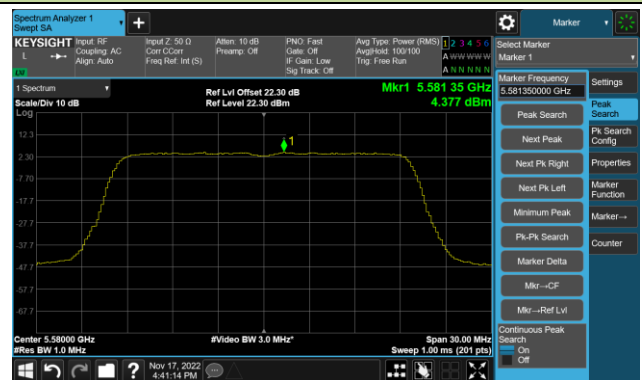


802.11ax-HE20 Power Spectral Density - Ant 4

Channel 100 (5500MHz)



Channel 116 (5580MHz)



Channel 140 (5700MHz)



Channel 144(5720MHz)



Channel 149 (5745MHz)



Channel 157 (5785MHz)



Channel 165 (5825MHz)

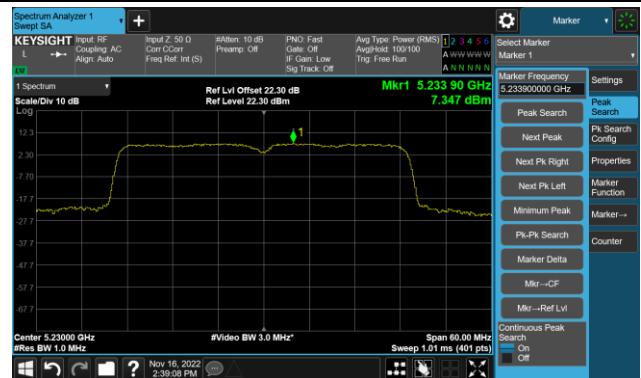


802.11ax-HE40 Power Spectral Density - Ant 4

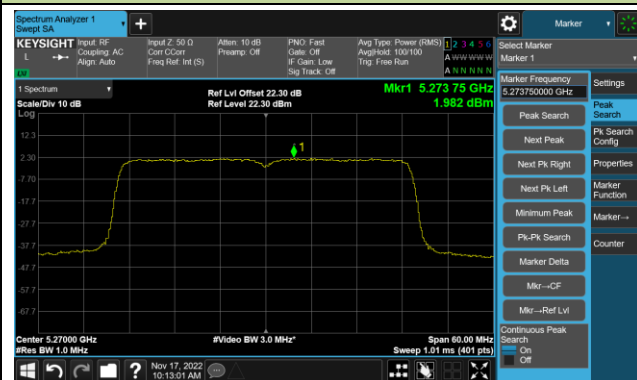
Channel 38 (5190MHz)



Channel 46 (5230MHz)



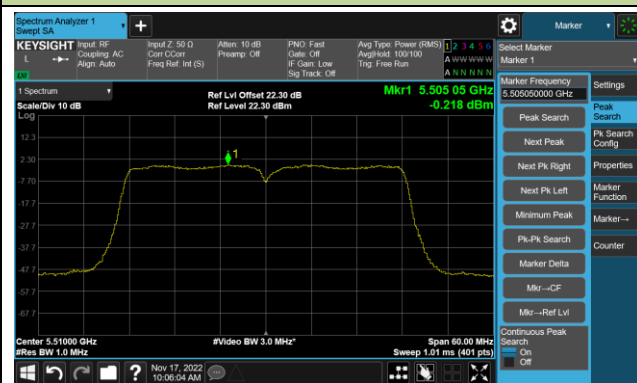
Channel 54 (5270MHz)



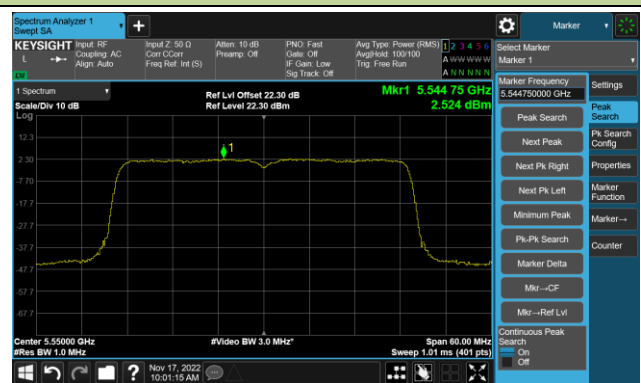
Channel 62 (5310MHz)



Channel 102 (5510MHz)



Channel 110 (5550MHz)

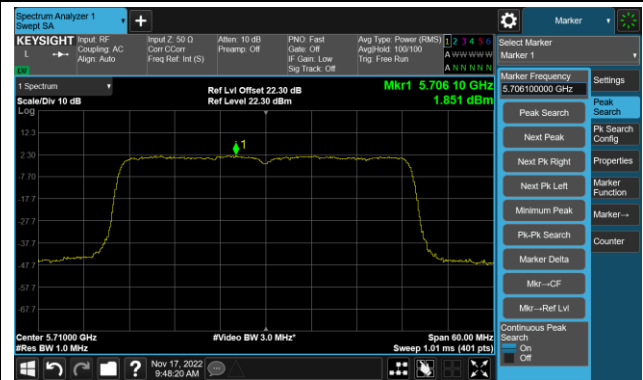


802.11ax-HE40 Power Spectral Density - Ant 4

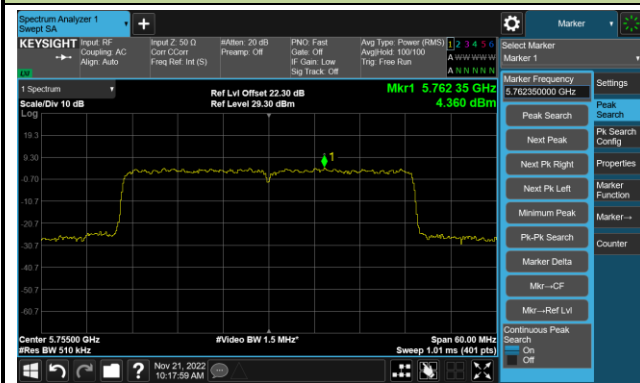
Channel 134 (5670MHz)



Channel 142(5710MHz)



Channel 151 (5755MHz)

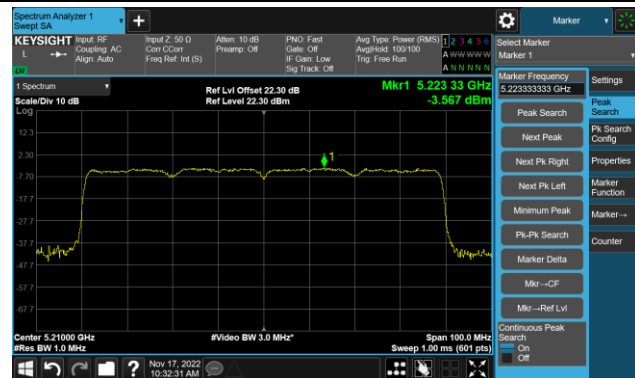


Channel 159 (5795MHz)

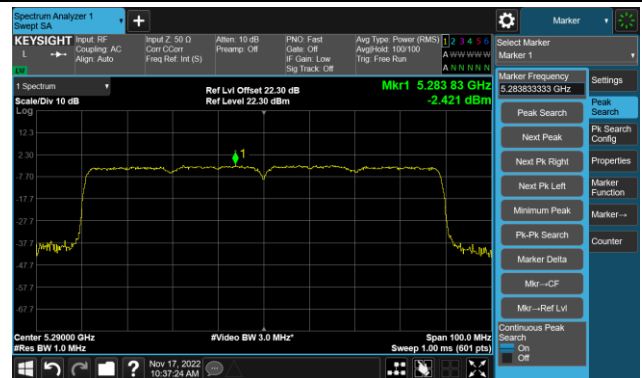


802.11ax-HE80 Power Spectral Density - Ant 4

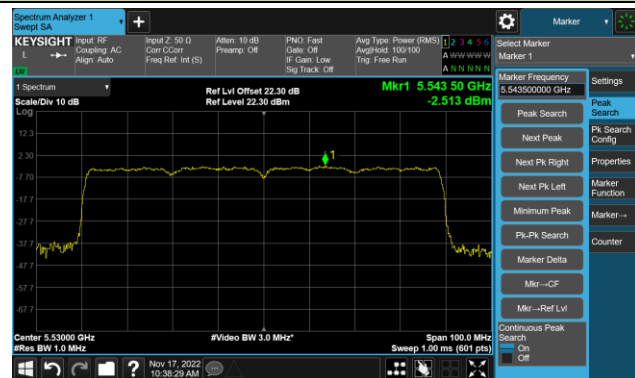
Channel 42 (5210MHz)



Channel 58 (5290MHz)



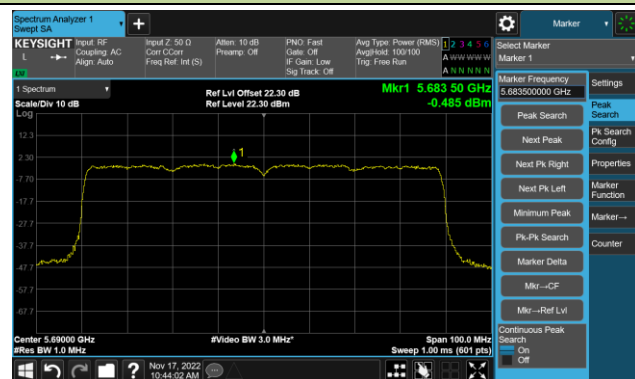
Channel 106 (5530MHz)



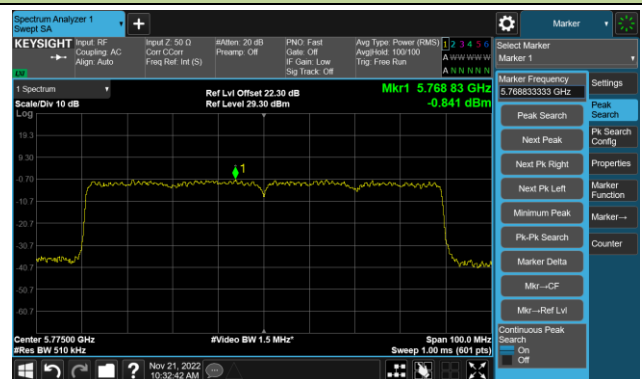
Channel 122 (5610MHz)



Channel 138 (5690MHz)

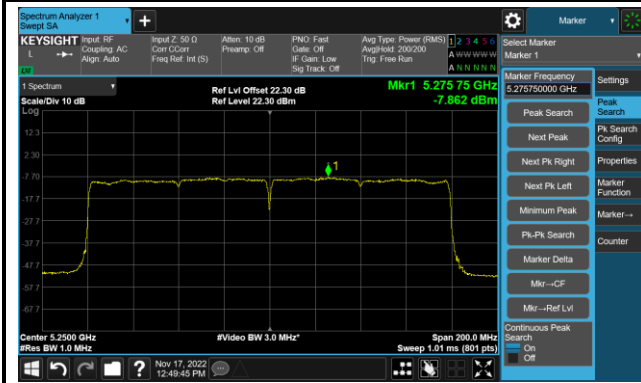


Channel 155 (5775MHz)

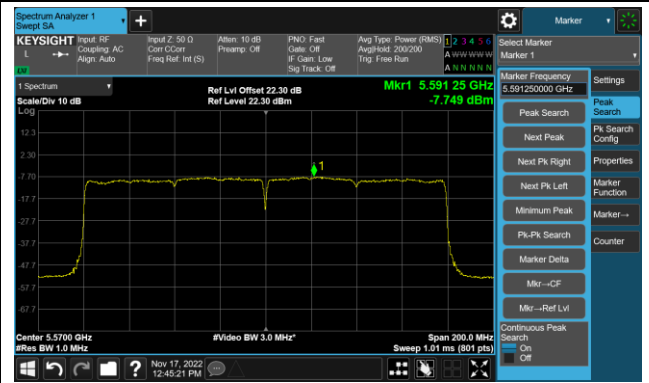


802.11ax-HE160 Power Spectral Density - Ant 4

Channel 50 (5250MHz)



Channel 114 (5570MHz)



A.6 Frequency Stability Test Result

Test Site	SIP-TR1	Test Engineer	Nandy Zhang
Test Date	2022-11-19	Test Mode	5180MHz (Carrier Mode)

Voltage (%)	Power (VAC)	Temp (°C)	Frequency Tolerance (ppm)			
			0 minutes	2 minutes	5 minutes	10 minutes
100%	120	- 30	13.21	14.47	14.77	14.84
		- 20	14.77	15.25	15.29	15.28
		- 10	14.92	14.67	14.45	14.25
		0	13.42	12.58	11.62	11.44
		+ 10	11.21	10.08	7.72	7.71
		+ 20	7.74	7.12	5.14	4.50
		+ 30	4.05	2.74	4.16	2.84
		+ 40	1.20	0.23	-0.63	-0.66
		+ 50	-1.29	-1.36	-1.17	-1.30
115%	138	+ 20	7.07	5.98	5.44	5.17
85%	102	+ 20	7.69	6.66	6.04	5.67

Note: Frequency Tolerance (ppm) = {[Measured Frequency (Hz) - Declared Frequency (Hz)] / Declared Frequency (Hz)} *10⁶.

A.7 Radiated Spurious Emission Test Result

Test Site	SIP-AC2	Test Engineer	Wayne Wang
Test Date	2022-11-14	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
*	9891.0	41.4	4.3	45.7	68.2	-22.5	Peak	Horizontal
	11013.0	40.6	5.1	45.7	74.0	-28.3	Peak	Horizontal
	11973.5	40.4	5.9	46.3	74.0	-27.7	Peak	Horizontal
*	12925.5	39.4	7.4	46.8	68.2	-21.4	Peak	Horizontal
*	10324.5	41.7	4.7	46.4	68.2	-21.8	Peak	Vertical
	11072.5	41.1	4.9	46.0	74.0	-28.0	Peak	Vertical
	12109.5	38.5	6.2	44.7	74.0	-29.3	Peak	Vertical
*	12840.5	39.0	7.7	46.7	68.2	-21.5	Peak	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	Wayne Wang
Test Date	2022-11-14	Test Mode	802.11a - Channel 44
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)		Polarization
*	8811.5	47.6	-3.2	44.4	68.2	-23.8	Peak	Horizontal
	11132.0	48.7	-2.6	46.1	74.0	-27.9	Peak	Horizontal
	12007.5	49.8	-2.8	47.0	74.0	-27.0	Peak	Horizontal
*	10035.5	47.5	-2.1	45.4	68.2	-22.8	Peak	Horizontal
*	10035.5	47.5	-2.1	45.4	68.2	-22.8	Peak	Vertical
	10970.5	47.9	-2.5	45.4	74.0	-28.6	Peak	Vertical
	12560.0	48.1	-2.4	45.7	74.0	-28.3	Peak	Vertical
*	12985.0	48.0	-1.3	46.7	68.2	-21.5	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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC2	Test Engineer	Wayne Wang
Test Date	2022-11-14	Test Mode	802.11a - Channel 48
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10001.5	47.9	-2.2	45.7	68.2	-22.5	Peak	Horizontal
	11217.0	48.0	-2.8	45.2	74.0	-28.8	Peak	Horizontal
	12211.5	48.6	-2.8	45.8	74.0	-28.2	Peak	Horizontal
*	13860.5	48.4	1.0	49.4	68.2	-18.8	Peak	Horizontal
*	10052.5	47.9	-2.1	45.8	68.2	-22.4	Peak	Vertical
	10945.0	47.6	-2.4	45.2	74.0	-28.8	Peak	Vertical
	12594.0	48.3	-2.1	46.2	74.0	-27.8	Peak	Vertical
*	14081.5	46.7	2.2	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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC2	Test Engineer	Wayne Wang
Test Date	2022-11-14	Test Mode	802.11a - Channel 52
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9925.0	42.2	4.4	46.6	68.2	-21.6	Peak	Horizontal
	11038.5	42.0	5.0	47.0	74.0	-27.0	Peak	Horizontal
	12560.0	39.0	7.1	46.1	74.0	-27.9	Peak	Horizontal
*	13699.0	39.7	8.7	48.4	68.2	-19.8	Peak	Horizontal
*	10316.0	41.6	4.8	46.4	68.2	-21.8	Peak	Vertical
	11013.0	41.3	5.1	46.4	74.0	-27.6	Peak	Vertical
	12466.5	40.0	6.8	46.8	74.0	-27.2	Peak	Vertical
*	13019.0	39.6	7.5	47.1	68.2	-21.1	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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC2	Test Engineer	Wayne Wang
Test Date	2022-11-14	Test Mode	802.11a - Channel 60
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9780.5	41.8	4.5	46.3	68.2	-21.9	Peak	Horizontal
	11582.5	40.9	5.5	46.4	74.0	-27.6	Peak	Horizontal
	12526.0	39.7	6.7	46.4	74.0	-27.6	Peak	Horizontal
*	13903.0	39.5	9.2	48.7	68.2	-19.5	Peak	Horizontal
*	10188.5	42.0	4.2	46.2	68.2	-22.0	Peak	Vertical
	10792.0	40.8	5.1	45.9	74.0	-28.1	Peak	Vertical
	12483.5	39.4	6.9	46.3	74.0	-27.7	Peak	Vertical
*	13843.5	39.3	8.9	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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC2	Test Engineer	Wayne Wang
Test Date	2022-11-14	Test Mode	802.11a - Channel 64
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10299.0	41.6	4.9	46.5	68.2	-21.7	Peak	Horizontal
	10843.0	41.2	4.7	45.9	74.0	-28.1	Peak	Horizontal
	12500.5	40.8	7.0	47.8	74.0	-26.2	Peak	Horizontal
*	13792.5	39.7	9.2	48.9	68.2	-19.3	Peak	Horizontal
*	10180.0	41.9	4.2	46.1	68.2	-22.1	Peak	Vertical
	11106.5	40.9	5.0	45.9	74.0	-28.1	Peak	Vertical
	12067.0	39.8	6.0	45.8	74.0	-28.2	Peak	Vertical
*	12849.0	40.0	7.7	47.7	68.2	-20.5	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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC2	Test Engineer	Wayne Wang
Test Date	2022-11-14	Test Mode	802.11a - Channel 100
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9814.5	41.8	4.5	46.3	68.2	-21.9	Peak	Horizontal
	11531.5	40.8	5.5	46.3	74.0	-27.7	Peak	Horizontal
	12602.5	39.1	7.4	46.5	74.0	-27.5	Peak	Horizontal
*	13614.0	39.1	8.6	47.7	68.2	-20.5	Peak	Horizontal
*	10333.0	40.9	4.7	45.6	68.2	-22.6	Peak	Vertical
	11174.5	41.1	4.8	45.9	74.0	-28.1	Peak	Vertical
	11752.5	40.1	5.6	45.7	74.0	-28.3	Peak	Vertical
*	14047.5	39.5	9.1	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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC2	Test Engineer	Wayne Wang
Test Date	2022-11-14	Test Mode	802.11a - Channel 116
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10010.0	41.5	4.5	46.0	68.2	-22.2	Peak	Horizontal
	11098.0	42.2	4.9	47.1	74.0	-26.9	Peak	Horizontal
	12271.0	39.8	5.8	45.6	74.0	-28.4	Peak	Horizontal
*	13724.5	39.6	8.7	48.3	68.2	-19.9	Peak	Horizontal
*	10180.0	41.9	4.2	46.1	68.2	-22.1	Peak	Vertical
	11106.5	40.9	5.0	45.9	74.0	-28.1	Peak	Vertical
	12067.0	39.8	6.0	45.8	74.0	-28.2	Peak	Vertical
*	12849.0	40.0	7.7	47.7	68.2	-20.5	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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC2	Test Engineer	Wayne Wang
Test Date	2022-11-14	Test Mode	802.11a - Channel 140
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9993.0	41.5	4.4	45.9	68.2	-22.3	Peak	Horizontal
	11565.5	40.1	5.4	45.5	74.0	-28.5	Peak	Horizontal
	12322.0	40.1	6.0	46.1	74.0	-27.9	Peak	Horizontal
*	13801.0	39.5	9.2	48.7	68.2	-19.5	Peak	Horizontal
*	10299.0	41.3	4.9	46.2	68.2	-22.0	Peak	Vertical
	10970.5	39.4	4.9	44.3	74.0	-29.7	Peak	Vertical
	12347.5	39.3	6.0	45.3	74.0	-28.7	Peak	Vertical
*	12730.0	39.5	6.9	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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC2	Test Engineer	Wayne Wang
Test Date	2022-11-14	Test Mode	802.11a - Channel 144
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10120.5	40.4	3.9	44.3	68.2	-23.9	Peak	Horizontal
	10783.5	41.7	5.0	46.7	74.0	-27.3	Peak	Horizontal
	12500.5	40.0	7.0	47.0	74.0	-27.0	Peak	Horizontal
*	13010.5	37.3	7.6	44.9	68.2	-23.3	Peak	Horizontal
*	10001.5	41.8	4.5	46.3	68.2	-21.9	Peak	Vertical
	11047.0	40.8	5.0	45.8	74.0	-28.2	Peak	Vertical
	12118.0	40.1	6.3	46.4	74.0	-27.6	Peak	Vertical
*	13631.0	39.3	8.5	47.8	68.2	-20.4	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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2022-11-19	Test Mode	802.11a - Channel 149
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	7953.0	30.6	11.9	42.5	68.2	-25.7	Peak	Horizontal
*	10078.0	31.7	14.3	46.0	68.2	-22.2	Peak	Horizontal
	11429.5	29.3	17.7	47.0	74.0	-27.0	Peak	Horizontal
	12007.5	29.0	16.9	45.9	74.0	-28.1	Peak	Horizontal
*	8692.5	30.0	13.0	43.0	68.2	-25.2	Peak	Vertical
*	9551.0	30.5	13.7	44.2	68.2	-24.0	Peak	Vertical
	11489.0	31.7	17.5	49.2	74.0	-24.8	Peak	Vertical
	12058.5	29.6	17.1	46.7	74.0	-27.3	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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2022-11-19	Test Mode	802.11a - Channel 157
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	7842.5	31.3	11.1	42.4	68.2	-25.8	Peak	Horizontal
*	10265.0	29.9	15.1	45.0	68.2	-23.2	Peak	Horizontal
	11565.5	34.4	17.8	52.2	74.0	-21.8	Peak	Horizontal
	11565.5	28.9	17.8	46.7	54.0	-7.3	Average	Horizontal
	12058.5	29.6	17.1	46.7	74.0	-27.3	Peak	Horizontal
*	8811.5	30.4	13.5	43.9	68.2	-24.3	Peak	Vertical
*	9678.5	29.9	14.0	43.9	68.2	-24.3	Peak	Vertical
	11021.5	29.2	17.0	46.2	74.0	-27.8	Peak	Vertical
	11557.0	31.5	17.4	48.9	74.0	-25.1	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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2022-11-19	Test Mode	802.11a - Channel 165
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9814.5	30.4	14.2	44.6	68.2	-23.6	Peak	Horizontal
*	10265.0	30.5	15.1	45.6	68.2	-22.6	Peak	Horizontal
	11650.5	34.1	17.7	51.8	74.0	-22.2	Peak	Horizontal
	11650.5	29.7	17.7	47.4	54.0	-6.6	Average	Horizontal
	12109.5	27.7	17.4	45.1	74.0	-28.9	Peak	Horizontal
*	9678.5	30.2	14.0	44.2	68.2	-24.0	Peak	Vertical
*	10171.5	30.5	14.5	45.0	68.2	-23.2	Peak	Vertical
	10800.5	31.1	17.0	48.1	74.0	-25.9	Peak	Vertical
	11650.5	31.2	17.7	48.9	74.0	-25.1	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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC2	Test Engineer	Wayne Wang
Test Date	2022-11-14	Test Mode	802.11ac-VHT20 - Channel 36
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9738.0	41.9	4.5	46.4	68.2	-21.8	Peak	Horizontal
	10877.0	41.2	5.1	46.3	74.0	-27.7	Peak	Horizontal
	12169.0	40.8	5.9	46.7	74.0	-27.3	Peak	Horizontal
*	13767.0	39.7	8.8	48.5	68.2	-19.7	Peak	Horizontal
*	9942.0	39.3	4.0	43.3	68.2	-24.9	Peak	Vertical
	11055.5	41.0	5.0	46.0	74.0	-28.0	Peak	Vertical
	12534.5	40.3	6.7	47.0	74.0	-27.0	Peak	Vertical
*	13979.5	37.7	9.3	47.0	68.2	-21.2	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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC2	Test Engineer	Wayne Wang
Test Date	2022-11-14	Test Mode	802.11ac-VHT20 - Channel 44
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9865.5	47.8	-2.5	45.3	68.2	-22.9	Peak	Horizontal
	10715.5	48.4	-2.5	45.9	74.0	-28.1	Peak	Horizontal
	12407.0	47.8	-2.3	45.5	74.0	-28.5	Peak	Horizontal
*	13129.5	47.6	-0.9	46.7	68.2	-21.5	Peak	Horizontal
*	10044.0	47.0	-1.9	45.1	68.2	-23.1	Peak	Vertical
	11684.5	48.9	-3.0	45.9	74.0	-28.1	Peak	Vertical
	12500.5	47.9	-2.4	45.5	74.0	-28.5	Peak	Vertical
*	14030.5	46.9	2.0	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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC2	Test Engineer	Wayne Wang
Test Date	2022-11-14	Test Mode	802.11ac-VHT20 - Channel 48
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10001.5	47.5	-2.2	45.3	68.2	-22.9	Peak	Horizontal
	10911.0	47.6	-2.4	45.2	74.0	-28.8	Peak	Horizontal
	12288.0	46.9	-2.3	44.6	74.0	-29.4	Peak	Horizontal
*	13002.0	48.3	-1.4	46.9	68.2	-21.3	Peak	Horizontal
*	10418.0	48.3	-2.6	45.7	68.2	-22.5	Peak	Vertical
	11106.5	47.9	-2.7	45.2	74.0	-28.8	Peak	Vertical
	12696.0	48.2	-1.6	46.6	74.0	-27.4	Peak	Vertical
*	13945.5	47.1	1.8	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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC2	Test Engineer	Wayne Wang
Test Date	2022-11-14	Test Mode	802.11ac-VHT20 - Channel 52
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9814.5	41.4	4.5	45.9	68.2	-22.3	Peak	Horizontal
	11412.5	39.8	5.3	45.1	74.0	-28.9	Peak	Horizontal
	12492.0	39.7	7.0	46.7	74.0	-27.3	Peak	Horizontal
*	14013.5	38.9	9.7	48.6	68.2	-19.6	Peak	Horizontal
*	10163.0	41.7	4.2	45.9	68.2	-22.3	Peak	Vertical
	11038.5	40.6	5.0	45.6	74.0	-28.4	Peak	Vertical
	12509.0	38.9	7.0	45.9	74.0	-28.1	Peak	Vertical
*	14013.5	39.5	9.7	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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC2	Test Engineer	Wayne Wang
Test Date	2022-11-14	Test Mode	802.11ac-VHT20 - Channel 60
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9797.5	41.6	4.7	46.3	68.2	-21.9	Peak	Horizontal
	10851.5	40.6	4.9	45.5	74.0	-28.5	Peak	Horizontal
	12492.0	39.1	7.0	46.1	74.0	-27.9	Peak	Horizontal
*	14013.5	39.6	9.7	49.3	68.2	-18.9	Peak	Horizontal
*	9984.5	41.4	4.3	45.7	68.2	-22.5	Peak	Vertical
	10970.5	41.2	4.9	46.1	74.0	-27.9	Peak	Vertical
	12483.5	39.4	6.9	46.3	74.0	-27.7	Peak	Vertical
*	14064.5	39.2	9.2	48.4	68.2	-19.8	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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC2	Test Engineer	Wayne Wang
Test Date	2022-11-14	Test Mode	802.11ac-VHT20 - Channel 64
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9925.0	41.7	4.4	46.1	68.2	-22.1	Peak	Horizontal
	10919.5	41.1	5.0	46.1	74.0	-27.9	Peak	Horizontal
	12415.5	40.0	6.6	46.6	74.0	-27.4	Peak	Horizontal
*	13682.0	40.0	8.5	48.5	68.2	-19.7	Peak	Horizontal
*	10299.0	41.2	4.9	46.1	68.2	-22.1	Peak	Vertical
	10970.5	40.9	4.9	45.8	74.0	-28.2	Peak	Vertical
	12483.5	39.7	6.9	46.6	74.0	-27.4	Peak	Vertical
*	13716.0	39.6	8.8	48.4	68.2	-19.8	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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC2	Test Engineer	Wayne Wang
Test Date	2022-11-14	Test Mode	802.11ac-VHT20 - Channel 100
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10324.5	42.1	4.7	46.8	68.2	-21.4	Peak	Horizontal
	10707.0	41.6	4.6	46.2	74.0	-27.8	Peak	Horizontal
	12517.5	39.6	6.8	46.4	74.0	-27.6	Peak	Horizontal
*	13988.0	39.8	9.4	49.2	68.2	-19.0	Peak	Horizontal
*	9780.5	41.5	4.5	46.0	68.2	-22.2	Peak	Vertical
	10664.5	40.9	4.6	45.5	74.0	-28.5	Peak	Vertical
	12330.5	39.9	6.0	45.9	74.0	-28.1	Peak	Vertical
*	12883.0	39.8	7.6	47.4	68.2	-20.8	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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC2	Test Engineer	Wayne Wang
Test Date	2022-11-14	Test Mode	802.11ac-VHT20 - Channel 116
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10001.5	41.1	4.5	45.6	68.2	-22.6	Peak	Horizontal
	11293.5	41.2	5.0	46.2	74.0	-27.8	Peak	Horizontal
	12458.0	39.4	6.7	46.1	74.0	-27.9	Peak	Horizontal
*	13733.0	39.1	8.7	47.8	68.2	-20.4	Peak	Horizontal
*	5573.0	50.4	-2.4	48.0	68.2	-20.2	Peak	Vertical
	10953.5	41.3	4.9	46.2	74.0	-27.8	Peak	Vertical
	12483.5	40.2	6.9	47.1	74.0	-26.9	Peak	Vertical
*	13809.5	39.3	9.3	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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC2	Test Engineer	Wayne Wang
Test Date	2022-11-14	Test Mode	802.11ac-VHT20 - Channel 140
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10299.0	41.4	4.9	46.3	68.2	-21.9	Peak	Horizontal
	11497.5	40.0	5.6	45.6	74.0	-28.4	Peak	Horizontal
	12050.0	40.1	6.1	46.2	74.0	-27.8	Peak	Horizontal
*	13716.0	39.4	8.8	48.2	68.2	-20.0	Peak	Horizontal
*	5709.0	51.2	-2.3	48.9	68.2	-19.3	Peak	Vertical
	10894.0	41.0	5.2	46.2	74.0	-27.8	Peak	Vertical
	11956.5	40.2	5.9	46.1	74.0	-27.9	Peak	Vertical
*	13767.0	39.5	8.8	48.3	68.2	-19.9	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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC2	Test Engineer	Wayne Wang
Test Date	2022-11-14	Test Mode	802.11ac-VHT20 - Channel 144
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9993.0	41.5	4.4	45.9	68.2	-22.3	Peak	Horizontal
	11565.5	40.1	5.4	45.5	74.0	-28.5	Peak	Horizontal
	12322.0	40.1	6.0	46.1	74.0	-27.9	Peak	Horizontal
*	13801.0	39.5	9.2	48.7	68.2	-19.5	Peak	Horizontal
*	9738.0	41.9	4.5	46.4	68.2	-21.8	Peak	Vertical
	10877.0	41.2	5.1	46.3	74.0	-27.7	Peak	Vertical
	12169.0	40.8	5.9	46.7	74.0	-27.3	Peak	Vertical
*	13767.0	39.7	8.8	48.5	68.2	-19.7	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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2022-11-19	Test Mode	802.11ac-VHT20 - Channel 149
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9721.0	30.7	14.1	44.8	68.2	-23.4	Peak	Horizontal
*	10265.0	29.9	15.1	45.0	68.2	-23.2	Peak	Horizontal
	11489.0	32.9	17.5	50.4	74.0	-23.6	Peak	Horizontal
	11786.5	29.1	17.3	46.4	74.0	-27.6	Peak	Horizontal
*	9814.5	30.5	14.2	44.7	68.2	-23.5	Peak	Vertical
*	10307.5	31.8	15.4	47.2	68.2	-21.0	Peak	Vertical
	11055.5	30.8	17.1	47.9	74.0	-26.1	Peak	Vertical
	11633.5	28.6	17.6	46.2	74.0	-27.8	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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2022-11-19	Test Mode	802.11ac-VHT20 - Channel 157
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9721.0	30.6	14.1	44.7	68.2	-23.5	Peak	Horizontal
*	10214.0	30.6	14.7	45.3	68.2	-22.9	Peak	Horizontal
	11565.5	33.7	17.8	51.5	74.0	-22.5	Peak	Horizontal
	11565.5	25.6	17.8	43.4	54.0	-10.6	Average	Horizontal
	12441.0	28.7	16.9	45.6	74.0	-28.4	Peak	Horizontal
*	9942.0	29.3	14.6	43.9	68.2	-24.3	Peak	Vertical
*	10494.5	29.7	15.9	45.6	68.2	-22.6	Peak	Vertical
	11098.0	30.8	16.8	47.6	74.0	-26.4	Peak	Vertical
	11846.0	28.2	16.9	45.1	74.0	-28.9	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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2022-11-19	Test Mode	802.11ac-VHT20 - Channel 165
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9899.5	31.1	14.2	45.3	68.2	-22.9	Peak	Horizontal
*	10350.0	30.7	15.6	46.3	68.2	-21.9	Peak	Horizontal
	10970.5	29.9	17.2	47.1	74.0	-26.9	Peak	Horizontal
	11642.0	33.9	17.7	51.6	74.0	-22.4	Peak	Horizontal
	11642.0	26.0	17.7	43.7	54.0	-10.3	Average	Horizontal
*	9993.0	30.8	14.5	45.3	68.2	-22.9	Peak	Vertical
*	10350.0	29.2	15.6	44.8	68.2	-23.4	Peak	Vertical
	11174.5	29.6	17.3	46.9	74.0	-27.1	Peak	Vertical
	11659.0	33.6	17.8	51.4	74.0	-22.6	Peak	Vertical
	11659.0	27.0	17.8	44.8	54.0	-9.2	Average	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	Wayne Wang
Test Date	2022-11-14	Test Mode	802.11ac-VHT40 - Channel 38
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10290.5	41.6	4.8	46.4	68.2	-21.8	Peak	Horizontal
	10919.5	40.5	5.0	45.5	74.0	-28.5	Peak	Horizontal
	12636.5	40.1	7.2	47.3	74.0	-26.7	Peak	Horizontal
*	13988.0	38.9	9.4	48.3	68.2	-19.9	Peak	Horizontal
*	9993.0	41.2	4.4	45.6	68.2	-22.6	Peak	Vertical
	10877.0	41.0	5.1	46.1	74.0	-27.9	Peak	Vertical
	12432.5	40.0	6.6	46.6	74.0	-27.4	Peak	Vertical
*	13801.0	38.7	9.2	47.9	68.2	-20.3	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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC2	Test Engineer	Wayne Wang
Test Date	2022-11-14	Test Mode	802.11ac-VHT40 - Channel 46
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9942.0	47.8	-2.2	45.6	68.2	-22.6	Peak	Horizontal
	10732.5	47.7	-2.6	45.1	74.0	-28.9	Peak	Horizontal
	12007.5	48.7	-2.8	45.9	74.0	-28.1	Peak	Horizontal
*	13894.5	46.7	1.3	48.0	68.2	-20.2	Peak	Horizontal
*	10027.0	48.0	-2.2	45.8	68.2	-22.4	Peak	Vertical
	10894.0	48.1	-2.6	45.5	74.0	-28.5	Peak	Vertical
	11693.0	49.4	-3.0	46.4	74.0	-27.6	Peak	Vertical
*	13095.5	47.6	-1.2	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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC2	Test Engineer	Wayne Wang
Test Date	2022-11-14	Test Mode	802.11ac-VHT40 - Channel 54
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10001.5	41.4	4.5	45.9	68.2	-22.3	Peak	Horizontal
	10936.5	41.2	4.9	46.1	74.0	-27.9	Peak	Horizontal
	12500.5	39.2	7.0	46.2	74.0	-27.8	Peak	Horizontal
*	14226.0	40.1	9.8	49.9	68.2	-18.3	Peak	Horizontal
*	9780.5	41.2	4.5	45.7	68.2	-22.5	Peak	Vertical
	11574.0	40.9	5.5	46.4	74.0	-27.6	Peak	Vertical
	12475.0	39.7	6.8	46.5	74.0	-27.5	Peak	Vertical
*	13928.5	39.3	9.0	48.3	68.2	-19.9	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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC2	Test Engineer	Wayne Wang
Test Date	2022-11-14	Test Mode	802.11ac-VHT40 - Channel 62
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10035.5	41.7	3.9	45.6	68.2	-22.6	Peak	Horizontal
	10826.0	40.4	4.7	45.1	74.0	-28.9	Peak	Horizontal
	11582.5	40.3	5.5	45.8	74.0	-28.2	Peak	Horizontal
*	13971.0	39.4	9.3	48.7	68.2	-19.5	Peak	Horizontal
	8429.0	41.9	3.0	44.9	74.0	-29.1	Peak	Vertical
*	9976.0	41.7	4.2	45.9	68.2	-22.3	Peak	Vertical
	11659.0	40.2	5.3	45.5	74.0	-28.5	Peak	Vertical
*	12806.5	38.6	7.9	46.5	68.2	-21.7	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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC2	Test Engineer	Wayne Wang
Test Date	2022-11-14	Test Mode	802.11ac-VHT40 - Channel 102
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10010.0	41.5	4.5	46.0	68.2	-22.2	Peak	Horizontal
	10979.0	41.0	4.9	45.9	74.0	-28.1	Peak	Horizontal
	12364.5	39.7	6.2	45.9	74.0	-28.1	Peak	Horizontal
*	12832.0	39.4	7.6	47.0	68.2	-21.2	Peak	Horizontal
*	10290.5	41.3	4.8	46.1	68.2	-22.1	Peak	Vertical
	10809.0	41.8	5.0	46.8	74.0	-27.2	Peak	Vertical
	12313.5	39.9	5.9	45.8	74.0	-28.2	Peak	Vertical
*	13809.5	39.4	9.3	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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC2	Test Engineer	Wayne Wang
Test Date	2022-11-14	Test Mode	802.11ac-VHT40 - Channel 110
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10001.5	42.2	4.5	46.7	68.2	-21.5	Peak	Horizontal
	10843.0	41.5	4.7	46.2	74.0	-27.8	Peak	Horizontal
	12024.5	39.9	5.9	45.8	74.0	-28.2	Peak	Horizontal
*	13129.5	37.8	7.3	45.1	68.2	-23.1	Peak	Horizontal
*	9678.5	41.5	4.1	45.6	68.2	-22.6	Peak	Vertical
	11081.0	40.8	4.9	45.7	74.0	-28.3	Peak	Vertical
	12475.0	39.3	6.8	46.1	74.0	-27.9	Peak	Vertical
*	13138.0	39.7	7.4	47.1	68.2	-21.1	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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC2	Test Engineer	Wayne Wang
Test Date	2022-11-14	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/m)	Detector	Polarization
*	10851.5	41.3	4.9	46.2	74.0	-27.8	Peak	Horizontal
	11582.5	41.4	5.5	46.9	74.0	-27.1	Peak	Horizontal
	12415.5	39.5	6.6	46.1	74.0	-27.9	Peak	Horizontal
*	13792.5	39.4	9.2	48.6	68.2	-19.6	Peak	Horizontal
*	9729.5	42.1	4.4	46.5	68.2	-21.7	Peak	Vertical
	11480.5	39.9	5.4	45.3	74.0	-28.7	Peak	Vertical
	12441.0	39.7	6.6	46.3	74.0	-27.7	Peak	Vertical
*	13996.5	38.7	9.6	48.3	68.2	-19.9	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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC2	Test Engineer	Wayne Wang
Test Date	2022-11-14	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/m)	Detector	Polarization
*	9916.5	41.7	4.3	46.0	68.2	-22.2	Peak	Horizontal
	11123.5	41.4	4.8	46.2	74.0	-27.8	Peak	Horizontal
	12075.5	39.8	6.1	45.9	74.0	-28.1	Peak	Horizontal
*	13775.5	39.1	9.0	48.1	68.2	-20.1	Peak	Horizontal
*	10307.5	41.2	4.9	46.1	68.2	-22.1	Peak	Vertical
	11030.0	40.5	4.9	45.4	74.0	-28.6	Peak	Vertical
	12305.0	40.6	5.8	46.4	74.0	-27.6	Peak	Vertical
*	13903.0	39.2	9.2	48.4	68.2	-19.8	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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2022-11-19	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/m)	Detector	Polarization
*	9636.0	31.8	14.0	45.8	68.2	-22.4	Peak	Horizontal
*	10078.0	33.2	14.3	47.5	68.2	-20.7	Peak	Horizontal
	10826.0	29.6	17.6	47.2	74.0	-26.8	Peak	Horizontal
	11429.5	29.9	17.7	47.6	74.0	-26.4	Peak	Horizontal
*	9899.5	31.2	14.2	45.4	68.2	-22.8	Peak	Vertical
*	10350.0	29.0	15.6	44.6	68.2	-23.6	Peak	Vertical
	10741.0	32.2	16.7	48.9	74.0	-25.1	Peak	Vertical
	11497.5	30.2	17.5	47.7	74.0	-26.3	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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2022-11-19	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/m)	Detector	Polarization
*	9942.0	30.9	14.6	45.5	68.2	-22.7	Peak	Horizontal
*	10265.0	30.8	15.1	45.9	68.2	-22.3	Peak	Horizontal
	10970.5	29.5	17.2	46.7	74.0	-27.3	Peak	Horizontal
	12109.5	28.4	17.4	45.8	74.0	-28.2	Peak	Horizontal
*	9857.0	31.0	14.3	45.3	68.2	-22.9	Peak	Vertical
*	10265.0	30.4	15.1	45.5	68.2	-22.7	Peak	Vertical
	11336.0	30.8	17.7	48.5	74.0	-25.5	Peak	Vertical
	12169.0	29.9	17.5	47.4	74.0	-26.6	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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC2	Test Engineer	Mero Zhou
Test Date	2022-11-30	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/m)	Detector	Polarization
	7613.0	49.6	-6.6	43.0	74.0	-31.0	Peak	Horizontal
	8097.5	50.3	-6.0	44.3	74.0	-29.7	Peak	Horizontal
*	10001.5	49.5	-4.8	44.7	68.2	-23.5	Peak	Horizontal
*	14838.0	46.4	1.0	47.4	68.2	-20.8	Peak	Horizontal
	8276.0	47.9	-5.4	42.5	74.0	-31.5	Peak	Vertical
*	9916.5	48.4	-4.8	43.6	68.2	-24.6	Peak	Vertical
	12177.5	47.3	-3.2	44.1	74.0	-29.9	Peak	Vertical
*	14829.5	45.3	1.0	46.3	68.2	-21.9	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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC2	Test Engineer	Mero Zhou
Test Date	2022-11-30	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/m)	Detector	Polarization
	8437.5	49.1	-6.0	43.1	74.0	-30.9	Peak	Horizontal
*	10001.5	48.7	-4.8	43.9	68.2	-24.3	Peak	Horizontal
	12143.5	47.6	-3.5	44.1	74.0	-29.9	Peak	Horizontal
*	14821.0	44.6	1.1	45.7	68.2	-22.5	Peak	Horizontal
	8310.0	48.7	-5.7	43.0	74.0	-31.0	Peak	Vertical
*	9976.0	48.3	-4.9	43.4	68.2	-24.8	Peak	Vertical
	11829.0	46.7	-3.6	43.1	74.0	-30.9	Peak	Vertical
*	13741.5	45.8	-1.1	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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC2	Test Engineer	Mero Zhou
Test Date	2022-11-30	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/m)	Detector	Polarization
	8335.5	48.6	-5.7	42.9	74.0	-31.1	Peak	Horizontal
*	10010.0	48.3	-4.6	43.7	68.2	-24.5	Peak	Horizontal
	12211.5	47.2	-3.3	43.9	74.0	-30.1	Peak	Horizontal
*	13801.0	45.6	-0.7	44.9	68.2	-23.3	Peak	Horizontal
	8225.0	48.9	-5.7	43.2	74.0	-30.8	Peak	Vertical
*	9729.5	48.1	-5.1	43.0	68.2	-25.2	Peak	Vertical
	12211.5	47.1	-3.3	43.8	74.0	-30.2	Peak	Vertical
*	14753.0	44.4	1.4	45.8	68.2	-22.4	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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC2	Test Engineer	Wayne Wang
Test Date	2022-11-14	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/m)	Detector	Polarization
*	9814.5	41.9	4.5	46.4	68.2	-21.8	Peak	Horizontal
	10919.5	41.1	5.0	46.1	74.0	-27.9	Peak	Horizontal
	12143.5	39.9	5.9	45.8	74.0	-28.2	Peak	Horizontal
*	12815.0	39.9	7.8	47.7	68.2	-20.5	Peak	Horizontal
*	9814.5	40.9	4.5	45.4	68.2	-22.8	Peak	Vertical
	10826.0	38.9	4.7	43.6	74.0	-30.4	Peak	Vertical
	12466.5	39.3	6.8	46.1	74.0	-27.9	Peak	Vertical
*	13826.5	39.7	9.1	48.8	68.2	-19.4	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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC2	Test Engineer	Wayne Wang
Test Date	2022-11-14	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/m)	Detector	Polarization
*	8803.0	41.4	3.9	45.3	68.2	-22.9	Peak	Horizontal
*	10001.5	41.6	4.5	46.1	68.2	-22.1	Peak	Horizontal
	10953.5	40.8	4.9	45.7	74.0	-28.3	Peak	Horizontal
	12330.5	40.0	6.0	46.0	74.0	-28.0	Peak	Horizontal
*	9763.5	41.6	4.3	45.9	68.2	-22.3	Peak	Vertical
	11098.0	40.6	4.9	45.5	74.0	-28.5	Peak	Vertical
	12373.0	40.0	6.4	46.4	74.0	-27.6	Peak	Vertical
*	12815.0	39.2	7.8	47.0	68.2	-21.2	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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC2	Test Engineer	Wayne Wang
Test Date	2022-11-14	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/m)	Detector	Polarization
*	9593.5	30.1	13.9	44.0	68.2	-24.2	Peak	Horizontal
*	10078.0	30.1	14.3	44.4	68.2	-23.8	Peak	Horizontal
	10911.0	31.4	17.6	49.0	74.0	-25.0	Peak	Horizontal
	11735.5	28.5	17.5	46.0	74.0	-28.0	Peak	Horizontal
*	9814.5	30.7	14.2	44.9	68.2	-23.3	Peak	Vertical
*	10307.5	31.0	15.4	46.4	68.2	-21.8	Peak	Vertical
	10979.0	30.6	17.4	48.0	74.0	-26.0	Peak	Vertical
	11565.5	30.0	17.8	47.8	74.0	-26.2	Peak	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	Wayne Wang
Test Date	2022-11-14	Test Mode	802.11ac-VHT160 - Channel 50
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8369.5	50.7	-3.9	46.8	74.0	-27.2	Peak	Horizontal
*	9984.5	50.3	-2.1	48.2	68.2	-20.0	Peak	Horizontal
	12288.0	49.7	-2.3	47.4	74.0	-26.6	Peak	Horizontal
*	14013.5	48.5	2.0	50.5	68.2	-17.7	Peak	Horizontal
	8454.5	49.7	-3.9	45.8	74.0	-28.2	Peak	Vertical
*	9865.5	49.6	-2.5	47.1	68.2	-21.1	Peak	Vertical
	12016.0	50.1	-2.7	47.4	74.0	-26.6	Peak	Vertical
*	14158.0	48.1	2.3	50.4	68.2	-17.8	Peak	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	Wayne Wang
Test Date	2022-11-14	Test Mode	802.11ac-VHT160-Channel 114
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8276.0	50.7	-4.1	46.6	74.0	-27.4	Peak	Horizontal
*	10001.5	50.2	-2.2	48.0	68.2	-20.2	Peak	Horizontal
	12313.5	50.7	-2.5	48.2	74.0	-25.8	Peak	Horizontal
*	13843.5	49.3	0.8	50.1	68.2	-18.1	Peak	Horizontal
	8488.5	50.2	-3.6	46.6	74.0	-27.4	Peak	Vertical
*	10341.5	49.5	-2.7	46.8	68.2	-21.4	Peak	Vertical
	11455.0	50.1	-3.0	47.1	74.0	-26.9	Peak	Vertical
*	14047.5	48.7	2.1	50.8	68.2	-17.4	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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC2	Test Engineer	Wayne Wang
Test Date	2022-11-14	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/m)	Detector	Polarization
	8191.0	50.3	-4.2	46.1	74.0	-27.9	Peak	Horizontal
*	9933.5	49.3	-2.3	47.0	68.2	-21.2	Peak	Horizontal
	11327.5	49.5	-2.8	46.7	74.0	-27.3	Peak	Horizontal
*	13648.0	49.8	0.2	50.0	68.2	-18.2	Peak	Horizontal
	8344.0	50.1	-4.0	46.1	74.0	-27.9	Peak	Vertical
*	9984.5	48.5	-2.1	46.4	68.2	-21.8	Peak	Vertical
	12084.0	50.5	-2.9	47.6	74.0	-26.4	Peak	Vertical
*	13843.5	49.8	0.8	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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC2	Test Engineer	Wayne Wang
Test Date	2022-11-14	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/m)	Detector	Polarization
*	9857.0	47.6	-2.4	45.2	68.2	-23.0	Peak	Horizontal
	11378.5	48.0	-2.9	45.1	74.0	-28.9	Peak	Horizontal
	12220.0	48.0	-2.9	45.1	74.0	-28.9	Peak	Horizontal
*	14090.0	46.7	2.2	48.9	68.2	-19.3	Peak	Horizontal
*	10435.0	48.8	-2.7	46.1	68.2	-22.1	Peak	Vertical
	11115.0	47.9	-2.7	45.2	74.0	-28.8	Peak	Vertical
	12288.0	49.0	-2.3	46.7	74.0	-27.3	Peak	Vertical
*	14090.0	47.1	2.2	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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC2	Test Engineer	Wayne Wang
Test Date	2022-11-14	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/m)	Detector	Polarization
*	9993.0	48.2	-2.2	46.0	68.2	-22.2	Peak	Horizontal
	11013.0	47.7	-2.5	45.2	74.0	-28.8	Peak	Horizontal
	11582.5	48.3	-3.1	45.2	74.0	-28.8	Peak	Horizontal
*	13784.0	48.1	0.9	49.0	68.2	-19.2	Peak	Horizontal
*	10222.5	47.7	-2.4	45.3	68.2	-22.9	Peak	Vertical
	11166.0	48.5	-2.8	45.7	74.0	-28.3	Peak	Vertical
	11897.0	48.0	-2.8	45.2	74.0	-28.8	Peak	Vertical
*	13928.5	47.0	1.7	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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC2	Test Engineer	Wayne Wang
Test Date	2022-11-14	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/m)	Detector	Polarization
	8284.5	50.6	-4.0	46.6	74.0	-27.4	Peak	Horizontal
*	9967.5	49.4	-2.1	47.3	68.2	-20.9	Peak	Horizontal
	11829.0	50.5	-3.2	47.3	74.0	-26.7	Peak	Horizontal
*	14183.5	48.8	2.5	51.3	68.2	-16.9	Peak	Horizontal
	8259.0	49.6	-4.0	45.6	74.0	-28.4	Peak	Vertical
*	10044.0	49.3	-1.9	47.4	68.2	-20.8	Peak	Vertical
	11353.0	50.3	-2.8	47.5	74.0	-26.5	Peak	Vertical
*	14073.0	47.8	2.1	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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC2	Test Engineer	Wayne Wang
Test Date	2022-11-14	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/m)	Detector	Polarization
	8284.5	49.8	-4.0	45.8	74.0	-28.2	Peak	Horizontal
*	10001.5	48.8	-2.2	46.6	68.2	-21.6	Peak	Horizontal
	10987.5	49.7	-2.5	47.2	74.0	-26.8	Peak	Horizontal
*	13988.0	48.4	2.1	50.5	68.2	-17.7	Peak	Horizontal
	8165.5	50.1	-4.5	45.6	74.0	-28.4	Peak	Vertical
*	10435.0	50.0	-2.7	47.3	68.2	-20.9	Peak	Vertical
	11650.5	50.1	-2.9	47.2	74.0	-26.8	Peak	Vertical
*	14005.0	48.1	2.1	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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC2	Test Engineer	Wayne Wang
Test Date	2022-11-14	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/m)	Detector	Polarization
	8352.5	50.4	-4.0	46.4	74.0	-27.6	Peak	Horizontal
*	10044.0	49.4	-1.9	47.5	68.2	-20.7	Peak	Horizontal
	11038.5	49.4	-2.4	47.0	74.0	-27.0	Peak	Horizontal
*	13988.0	48.5	2.1	50.6	68.2	-17.6	Peak	Horizontal
	7698.0	52.2	-5.4	46.8	74.0	-27.2	Peak	Vertical
*	10299.0	49.2	-2.1	47.1	68.2	-21.1	Peak	Vertical
	11897.0	49.9	-2.8	47.1	74.0	-26.9	Peak	Vertical
*	13962.5	48.9	1.7	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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC2	Test Engineer	Wayne Wang
Test Date	2022-11-14	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/m)	Detector	Polarization
	8446.0	50.1	-3.9	46.2	74.0	-27.8	Peak	Horizontal
*	9993.0	49.4	-2.2	47.2	68.2	-21.0	Peak	Horizontal
	11642.0	50.6	-2.9	47.7	74.0	-26.3	Peak	Horizontal
*	14005.0	47.8	2.1	49.9	68.2	-18.3	Peak	Horizontal
	8344.0	50.0	-4.0	46.0	74.0	-28.0	Peak	Vertical
*	9993.0	48.9	-2.2	46.7	68.2	-21.5	Peak	Vertical
	11582.5	50.5	-3.1	47.4	74.0	-26.6	Peak	Vertical
*	14251.5	48.0	2.5	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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC2	Test Engineer	Wayne Wang
Test Date	2022-11-14	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/m)	Detector	Polarization
	8208.0	50.8	-4.1	46.7	74.0	-27.3	Peak	Horizontal
*	10044.0	49.0	-1.9	47.1	68.2	-21.1	Peak	Horizontal
	11472.0	50.8	-3.1	47.7	74.0	-26.3	Peak	Horizontal
*	14081.5	48.1	2.2	50.3	68.2	-17.9	Peak	Horizontal
	8437.5	50.5	-3.9	46.6	74.0	-27.4	Peak	Vertical
*	9959.0	49.3	-2.1	47.2	68.2	-21.0	Peak	Vertical
	12237.0	50.6	-2.5	48.1	74.0	-25.9	Peak	Vertical
*	16648.5	48.2	5.3	53.5	68.2	-14.7	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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC2	Test Engineer	Wayne Wang
Test Date	2022-11-14	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/m)	Detector	Polarization
	8310.0	49.5	-4.0	45.5	74.0	-28.5	Peak	Horizontal
*	9993.0	47.6	-2.2	45.4	68.2	-22.8	Peak	Horizontal
	11676.0	50.9	-3.0	47.9	74.0	-26.1	Peak	Horizontal
*	16648.5	48.2	5.3	53.5	68.2	-14.7	Peak	Horizontal
	8250.5	48.8	-4.2	44.6	74.0	-29.4	Peak	Vertical
*	9857.0	49.4	-2.4	47.0	68.2	-21.2	Peak	Vertical
	11353.0	49.2	-2.8	46.4	74.0	-27.6	Peak	Vertical
*	13979.5	48.6	1.9	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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC2	Test Engineer	Wayne Wang
Test Date	2022-11-14	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/m)	Detector	Polarization
	8395.0	50.0	-4.0	46.0	74.0	-28.0	Peak	Horizontal
*	10103.5	49.3	-2.5	46.8	68.2	-21.4	Peak	Horizontal
	11438.0	51.6	-2.7	48.9	74.0	-25.1	Peak	Horizontal
*	14166.5	47.7	2.4	50.1	68.2	-18.1	Peak	Horizontal
	8361.0	50.2	-4.0	46.2	74.0	-27.8	Peak	Vertical
*	10214.0	49.5	-2.6	46.9	68.2	-21.3	Peak	Vertical
	11812.0	50.4	-3.4	47.0	74.0	-27.0	Peak	Vertical
*	14166.5	48.4	2.4	50.8	68.2	-17.4	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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2022-11-19	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/m)	Detector	Polarization
*	10078.0	30.5	14.3	44.8	68.2	-23.4	Peak	Horizontal
*	10443.5	29.4	16.0	45.4	68.2	-22.8	Peak	Horizontal
	11123.5	29.3	17.4	46.7	74.0	-27.3	Peak	Horizontal
	11489.0	34.1	17.5	51.6	74.0	-22.4	Peak	Horizontal
	11489.0	25.8	17.5	43.3	54.0	-10.7	Average	Horizontal
*	9593.5	30.4	13.9	44.3	68.2	-23.9	Peak	Vertical
*	10035.5	30.1	14.4	44.5	68.2	-23.7	Peak	Vertical
	11072.5	29.7	17.2	46.9	74.0	-27.1	Peak	Vertical
	11497.5	31.8	17.5	49.3	74.0	-24.7	Peak	Vertical

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

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2022-11-19	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/m)	Detector	Polarization
*	9814.5	31.4	14.2	45.6	68.2	-22.6	Peak	Horizontal
*	10307.5	30.4	15.4	45.8	68.2	-22.4	Peak	Horizontal
	11565.5	33.1	17.8	50.9	74.0	-23.1	Peak	Horizontal
	11897.0	28.3	16.9	45.2	74.0	-28.8	Peak	Horizontal
*	9899.5	30.8	14.2	45.0	68.2	-23.2	Peak	Vertical
*	10307.5	30.9	15.4	46.3	68.2	-21.9	Peak	Vertical
	11064.0	31.2	17.3	48.5	74.0	-25.5	Peak	Vertical
	11480.5	29.8	17.3	47.1	74.0	-26.9	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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2022-11-19	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/m)	Detector	Polarization
*	9593.5	30.7	13.9	44.6	68.2	-23.6	Peak	Horizontal
*	10120.5	29.8	14.5	44.3	68.2	-23.9	Peak	Horizontal
	11225.5	28.3	17.5	45.8	74.0	-28.2	Peak	Horizontal
	11650.5	32.8	17.7	50.5	74.0	-23.5	Peak	Horizontal
*	9814.5	30.8	14.2	45.0	68.2	-23.2	Peak	Vertical
*	10265.0	30.4	15.1	45.5	68.2	-22.7	Peak	Vertical
	11225.5	30.4	17.5	47.9	74.0	-26.1	Peak	Vertical
	11650.5	31.1	17.7	48.8	74.0	-25.2	Peak	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	Wayne Wang
Test Date	2022-11-14	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/m)	Detector	Polarization
	8284.5	50.3	-4.0	46.3	74.0	-27.7	Peak	Horizontal
*	9857.0	49.6	-2.4	47.2	68.2	-21.0	Peak	Horizontal
	11183.0	50.2	-3.1	47.1	74.0	-26.9	Peak	Horizontal
*	14175.0	48.6	2.6	51.2	68.2	-17.0	Peak	Horizontal
	8335.5	50.4	-4.0	46.4	74.0	-27.6	Peak	Vertical
*	10248.0	50.2	-2.4	47.8	68.2	-20.4	Peak	Vertical
	11055.5	49.8	-2.6	47.2	74.0	-26.8	Peak	Vertical
*	14166.5	48.0	2.4	50.4	68.2	-17.8	Peak	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	Wayne Wang
Test Date	2022-11-14	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/m)	Detector	Polarization
*	9865.5	47.6	-2.5	45.1	68.2	-23.1	Peak	Horizontal
	11251.0	48.0	-2.6	45.4	74.0	-28.6	Peak	Horizontal
	12322.0	47.6	-2.4	45.2	74.0	-28.8	Peak	Horizontal
*	13775.5	47.6	0.6	48.2	68.2	-20.0	Peak	Horizontal
*	9984.5	47.3	-2.1	45.2	68.2	-23.0	Peak	Vertical
	11174.5	48.3	-2.9	45.4	74.0	-28.6	Peak	Vertical
	12381.5	48.4	-2.6	45.8	74.0	-28.2	Peak	Vertical
*	13996.5	47.3	2.1	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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC2	Test Engineer	Wayne Wang
Test Date	2022-11-14	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/m)	Detector	Polarization
	8395.0	50.2	-4.0	46.2	74.0	-27.8	Peak	Horizontal
*	10392.5	49.5	-2.4	47.1	68.2	-21.1	Peak	Horizontal
	11565.5	49.9	-3.2	46.7	74.0	-27.3	Peak	Horizontal
*	14234.5	48.4	2.5	50.9	68.2	-17.3	Peak	Horizontal
	8318.5	50.1	-4.0	46.1	74.0	-27.9	Peak	Vertical
*	10086.5	49.6	-2.4	47.2	68.2	-21.0	Peak	Vertical
	11106.5	50.8	-2.7	48.1	74.0	-25.9	Peak	Vertical
*	13945.5	48.7	1.8	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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC2	Test Engineer	Wayne Wang
Test Date	2022-11-14	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/m)	Detector	Polarization
	8284.5	49.9	-4.0	45.9	74.0	-28.1	Peak	Horizontal
*	10027.0	49.3	-2.2	47.1	68.2	-21.1	Peak	Horizontal
	11727.0	50.1	-3.1	47.0	74.0	-27.0	Peak	Horizontal
*	16325.5	48.4	4.5	52.9	68.2	-15.3	Peak	Horizontal
	8276.0	50.6	-4.1	46.5	74.0	-27.5	Peak	Vertical
*	9763.5	49.6	-2.7	46.9	68.2	-21.3	Peak	Vertical
	11710.0	50.7	-3.2	47.5	74.0	-26.5	Peak	Vertical
*	13860.5	49.0	1.0	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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC2	Test Engineer	Wayne Wang
Test Date	2022-11-14	Test Mode	802.11ax-HE40 - 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 (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB/m)	Detector	Polarization
	8335.5	50.6	-4.0	46.6	74.0	-27.4	Peak	Horizontal
*	10103.5	48.5	-2.5	46.0	68.2	-22.2	Peak	Horizontal
	11361.5	50.3	-2.7	47.6	74.0	-26.4	Peak	Horizontal
*	13954.0	48.5	1.9	50.4	68.2	-17.8	Peak	Horizontal
	8233.5	51.6	-4.3	47.3	74.0	-26.7	Peak	Vertical
*	9942.0	49.5	-2.2	47.3	68.2	-20.9	Peak	Vertical
	11897.0	49.9	-2.8	47.1	74.0	-26.9	Peak	Vertical
*	13988.0	48.6	2.1	50.7	68.2	-17.5	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 dB μ V/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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC2	Test Engineer	Wayne Wang
Test Date	2022-11-14	Test Mode	802.11ax-HE40 - Channel 110
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8165.5	50.3	-4.5	45.8	74.0	-28.2	Peak	Horizontal
*	10044.0	49.0	-1.9	47.1	68.2	-21.1	Peak	Horizontal
	11217.0	50.0	-2.8	47.2	74.0	-26.8	Peak	Horizontal
*	14243.0	48.7	2.6	51.3	68.2	-16.9	Peak	Horizontal
	8165.5	50.6	-4.5	46.1	74.0	-27.9	Peak	Vertical
*	10265.0	50.1	-2.4	47.7	68.2	-20.5	Peak	Vertical
	11251.0	50.1	-2.6	47.5	74.0	-26.5	Peak	Vertical
*	13962.5	48.4	1.7	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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC2	Test Engineer	Wayne Wang
Test Date	2022-11-14	Test Mode	802.11ax-HE40 - 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/m)	Detector	Polarization
	8395.0	50.2	-4.0	46.2	74.0	-27.8	Peak	Horizontal
*	10001.5	49.4	-2.2	47.2	68.2	-21.0	Peak	Horizontal
	11608.0	49.8	-2.9	46.9	74.0	-27.1	Peak	Horizontal
*	13945.5	47.9	1.8	49.7	68.2	-18.5	Peak	Horizontal
	8310.0	48.9	-4.0	44.9	74.0	-29.1	Peak	Vertical
*	9899.5	47.3	-2.6	44.7	68.2	-23.5	Peak	Vertical
	11242.5	49.8	-2.6	47.2	74.0	-26.8	Peak	Vertical
*	13954.0	48.5	1.9	50.4	68.2	-17.8	Peak	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	Wayne Wang
Test Date	2022-11-14	Test Mode	802.11ax-HE40 - 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/m)	Detector	Polarization
	8437.5	50.8	-3.9	46.9	74.0	-27.1	Peak	Horizontal
*	9959.0	48.8	-2.1	46.7	68.2	-21.5	Peak	Horizontal
	11863.0	50.4	-3.4	47.0	74.0	-27.0	Peak	Horizontal
*	14183.5	48.1	2.5	50.6	68.2	-17.6	Peak	Horizontal
	8199.5	49.8	-4.2	45.6	74.0	-28.4	Peak	Vertical
*	10035.5	49.6	-2.1	47.5	68.2	-20.7	Peak	Vertical
	11922.5	50.8	-3.0	47.8	74.0	-26.2	Peak	Vertical
*	14166.5	48.7	2.4	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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2022-11-19	Test Mode	802.11ax-HE40 - 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/m)	Detector	Polarization
*	9814.5	30.9	14.2	45.1	68.2	-23.1	Peak	Horizontal
*	10401.0	30.3	16.1	46.4	68.2	-21.8	Peak	Horizontal
	10970.5	29.7	17.2	46.9	74.0	-27.1	Peak	Horizontal
	11497.5	31.3	17.5	48.8	74.0	-25.2	Peak	Horizontal
*	9857.0	31.0	14.3	45.3	68.2	-22.9	Peak	Vertical
*	10307.5	30.4	15.4	45.8	68.2	-22.4	Peak	Vertical
	11132.0	30.8	17.3	48.1	74.0	-25.9	Peak	Vertical
	11948.0	29.3	17.0	46.3	74.0	-27.7	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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2022-11-19	Test Mode	802.11ax-HE40 - 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/m)	Detector	Polarization
*	9942.0	30.9	14.6	45.5	68.2	-22.7	Peak	Horizontal
*	10443.5	30.5	16.0	46.5	68.2	-21.7	Peak	Horizontal
	11174.5	29.6	17.3	46.9	74.0	-27.1	Peak	Horizontal
	11591.0	31.0	17.7	48.7	74.0	-25.3	Peak	Horizontal
*	9772.0	30.3	14.2	44.5	68.2	-23.7	Peak	Vertical
*	10120.5	29.5	14.5	44.0	68.2	-24.2	Peak	Vertical
	11285.0	29.9	18.0	47.9	74.0	-26.1	Peak	Vertical
	11846.0	28.4	16.9	45.3	74.0	-28.7	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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC2	Test Engineer	Wayne Wang
Test Date	2022-11-14	Test Mode	802.11ax-HE80 - 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/m)	Detector	Polarization
	8250.5	50.9	-4.2	46.7	74.0	-27.3	Peak	Horizontal
*	10001.5	50.0	-2.2	47.8	68.2	-20.4	Peak	Horizontal
	11642.0	50.3	-2.9	47.4	74.0	-26.6	Peak	Horizontal
*	14226.0	49.3	2.4	51.7	68.2	-16.5	Peak	Horizontal
	8216.5	50.9	-4.2	46.7	74.0	-27.3	Peak	Vertical
*	10044.0	48.8	-1.9	46.9	68.2	-21.3	Peak	Vertical
	11565.5	50.2	-3.2	47.0	74.0	-27.0	Peak	Vertical
*	13954.0	49.4	1.9	51.3	68.2	-16.9	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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC2	Test Engineer	Wayne Wang
Test Date	2022-11-14	Test Mode	802.11ax-HE80 - 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/m)	Detector	Polarization
	8361.0	49.9	-4.0	45.9	74.0	-28.1	Peak	Horizontal
*	9959.0	49.4	-2.1	47.3	68.2	-20.9	Peak	Horizontal
	12322.0	50.8	-2.4	48.4	74.0	-25.6	Peak	Horizontal
*	14234.5	48.0	2.5	50.5	68.2	-17.7	Peak	Horizontal
	8191.0	49.9	-4.2	45.7	74.0	-28.3	Peak	Vertical
*	9950.5	48.7	-2.1	46.6	68.2	-21.6	Peak	Vertical
	11123.5	50.1	-2.6	47.5	74.0	-26.5	Peak	Vertical
*	13988.0	47.7	2.1	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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC2	Test Engineer	Wayne Wang
Test Date	2022-11-14	Test Mode	802.11ax-HE80 - 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/m)	Detector	Polarization
	8403.5	50.8	-4.0	46.8	74.0	-27.2	Peak	Horizontal
*	10001.5	49.1	-2.2	46.9	68.2	-21.3	Peak	Horizontal
	11735.5	50.6	-3.1	47.5	74.0	-26.5	Peak	Horizontal
*	14336.5	48.6	1.8	50.4	68.2	-17.8	Peak	Horizontal
	8335.5	49.8	-4.0	45.8	74.0	-28.2	Peak	Vertical
*	10061.0	49.2	-2.2	47.0	68.2	-21.2	Peak	Vertical
	11072.5	50.4	-2.8	47.6	74.0	-26.4	Peak	Vertical
*	14200.5	47.9	2.5	50.4	68.2	-17.8	Peak	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	Wayne Wang
Test Date	2022-11-14	Test Mode	802.11ax-HE80 - 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 (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB/m)	Detector	Polarization
	8386.5	50.1	-4.0	46.1	74.0	-27.9	Peak	Horizontal
*	10052.5	48.8	-2.1	46.7	68.2	-21.5	Peak	Horizontal
	11752.5	50.2	-3.1	47.1	74.0	-26.9	Peak	Horizontal
*	14056.0	48.6	2.2	50.8	68.2	-17.4	Peak	Horizontal
	8191.0	50.0	-4.2	45.8	74.0	-28.2	Peak	Vertical
*	9916.5	49.0	-2.6	46.4	68.2	-21.8	Peak	Vertical
	11769.5	50.7	-3.2	47.5	74.0	-26.5	Peak	Vertical
*	14056.0	48.5	2.2	50.7	68.2	-17.5	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 dB μ V/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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC2	Test Engineer	Wayne Wang
Test Date	2022-11-14	Test Mode	802.11ax-HE80 - 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/m)	Detector	Polarization
	8284.5	49.5	-4.0	45.5	74.0	-28.5	Peak	Horizontal
*	10299.0	49.0	-2.1	46.9	68.2	-21.3	Peak	Horizontal
	11404.0	50.2	-3.0	47.2	74.0	-26.8	Peak	Horizontal
*	13903.0	48.7	1.4	50.1	68.2	-18.1	Peak	Horizontal
	8310.0	50.2	-4.0	46.2	74.0	-27.8	Peak	Vertical
*	9959.0	48.7	-2.1	46.6	68.2	-21.6	Peak	Vertical
	11446.5	49.5	-2.9	46.6	74.0	-27.4	Peak	Vertical
*	14030.5	48.2	2.0	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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2022-11-19	Test Mode	802.11ax-HE80 - 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/m)	Detector	Polarization
*	9636.0	31.2	14.0	45.2	68.2	-23.0	Peak	Horizontal
*	10078.0	30.5	14.3	44.8	68.2	-23.4	Peak	Horizontal
	10775.0	31.5	17.1	48.6	74.0	-25.4	Peak	Horizontal
	11429.5	29.1	17.7	46.8	74.0	-27.2	Peak	Horizontal
*	9772.0	30.2	14.2	44.4	68.2	-23.8	Peak	Vertical
*	10350.0	29.6	15.6	45.2	68.2	-23.0	Peak	Vertical
	11115.0	31.7	17.5	49.2	74.0	-24.8	Peak	Vertical
	11735.5	28.5	17.5	46.0	74.0	-28.0	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 (dB μ V/m) = Reading Level (dB μ V) + Factor (dB/m)

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

Test Site	SIP-AC2	Test Engineer	Wayne Wang
Test Date	2022-11-14	Test Mode	802.11ax-HE160 - Channel 50
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8420.5	50.1	-4.0	46.1	74.0	-27.9	Peak	Horizontal
*	10044.0	49.5	-1.9	47.6	68.2	-20.6	Peak	Horizontal
	11701.5	50.5	-3.1	47.4	74.0	-26.6	Peak	Horizontal
*	13996.5	48.3	2.1	50.4	68.2	-17.8	Peak	Horizontal
	8352.5	49.8	-4.0	45.8	74.0	-28.2	Peak	Vertical
*	9755.0	49.7	-2.8	46.9	68.2	-21.3	Peak	Vertical
	11217.0	50.2	-2.8	47.4	74.0	-26.6	Peak	Vertical
*	14200.5	47.7	2.5	50.2	68.2	-18.0	Peak	Vertical

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

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

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