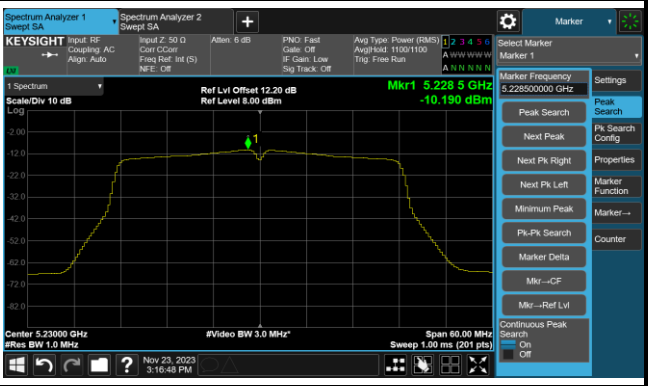
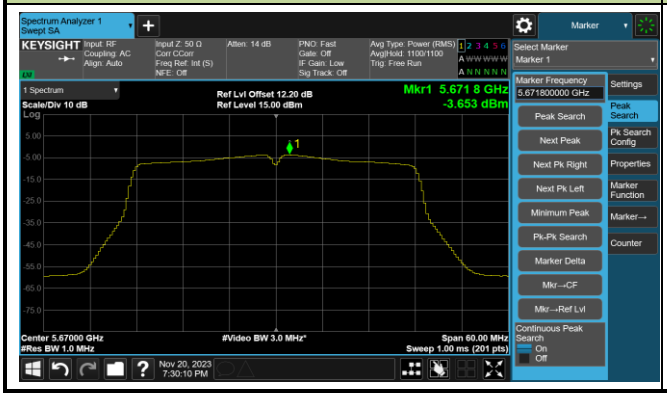
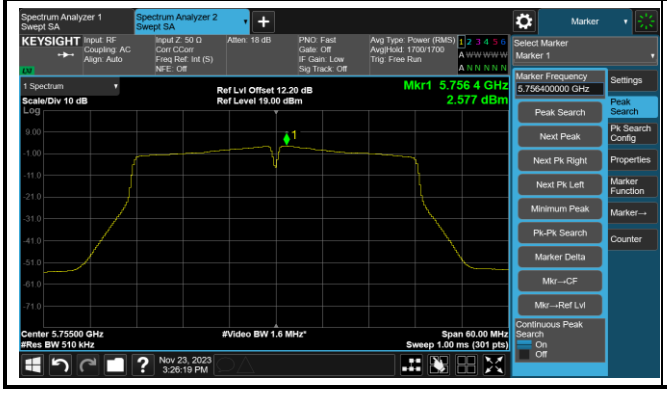
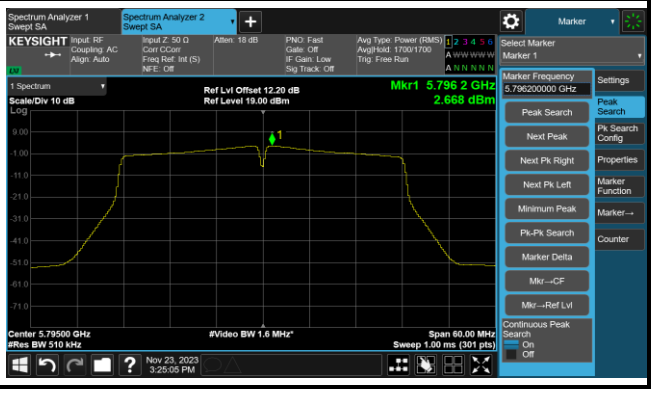
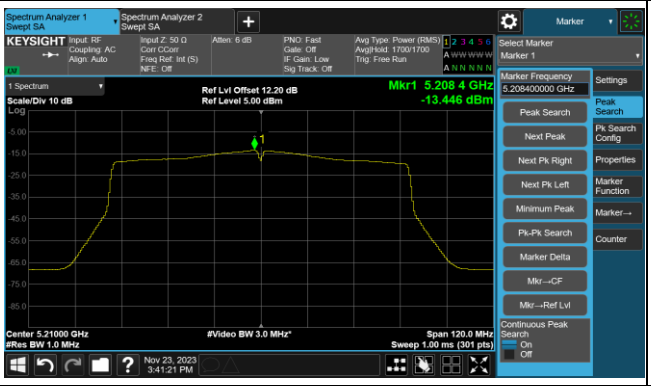
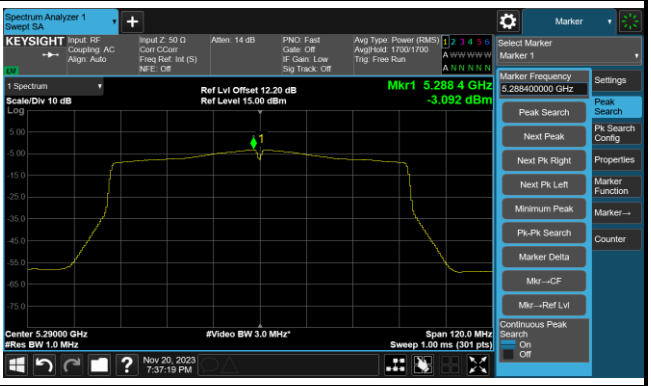
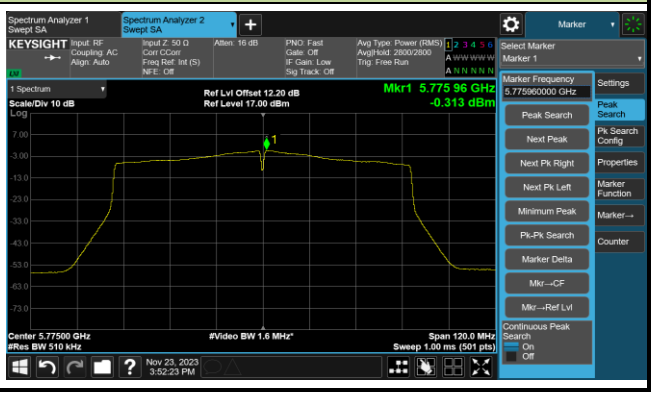
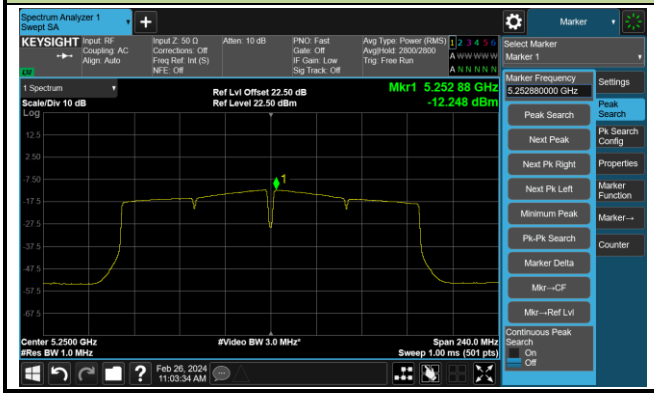
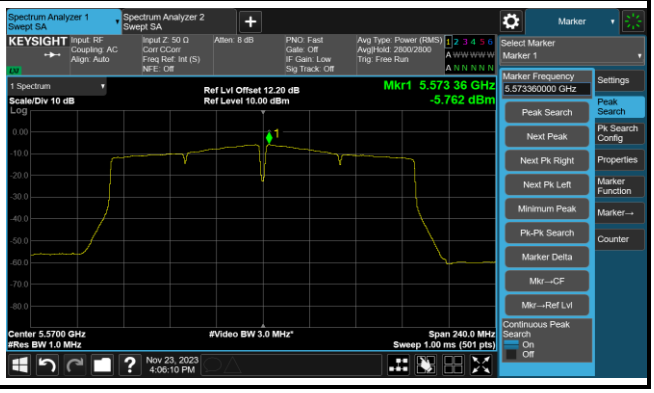
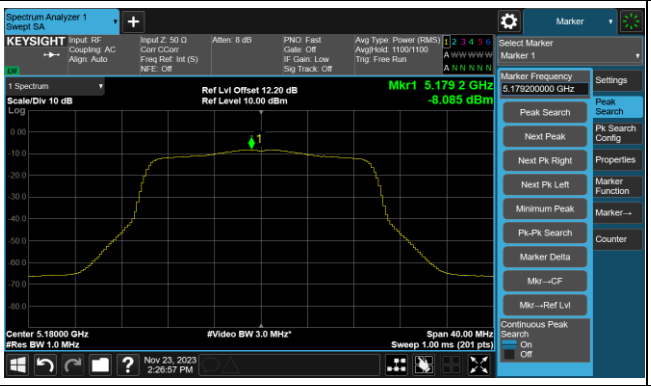
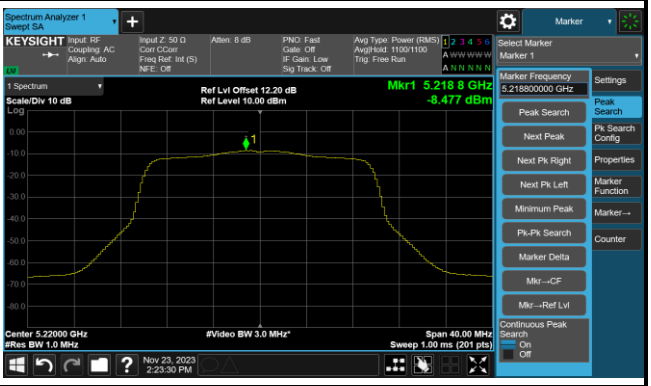
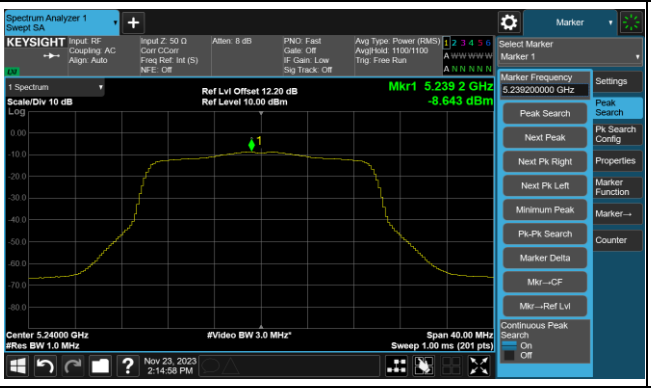
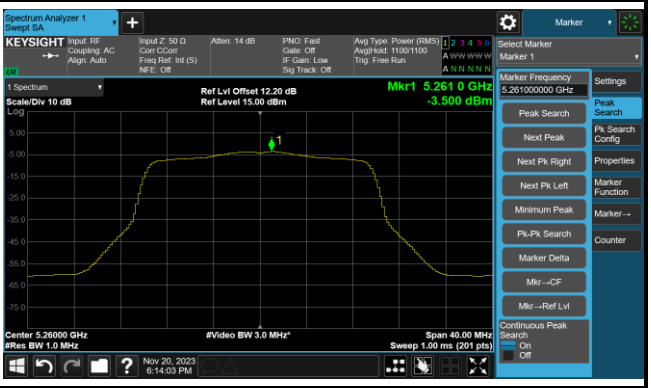
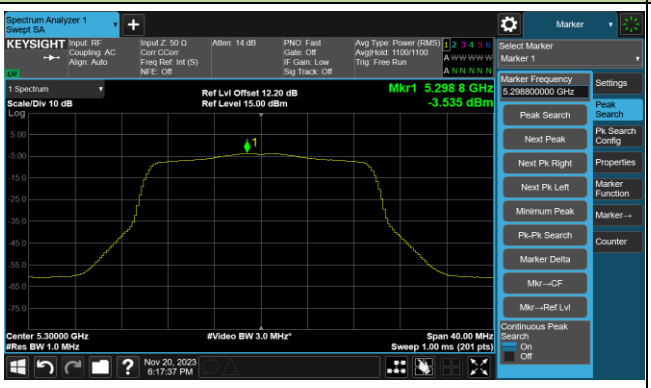
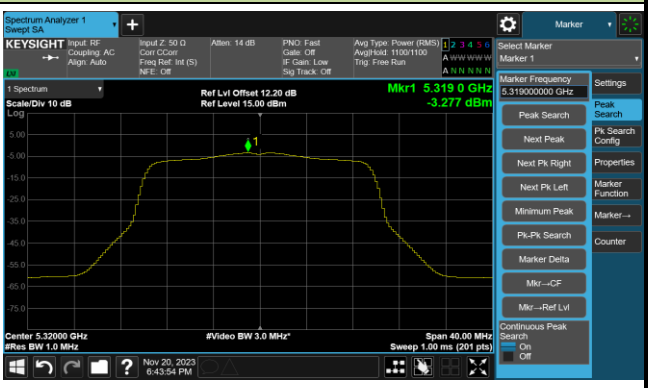
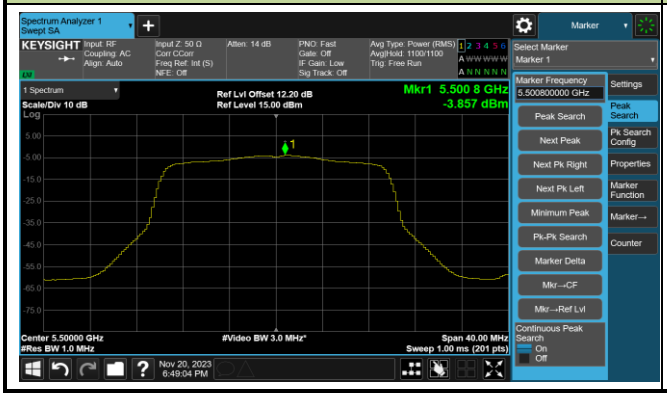
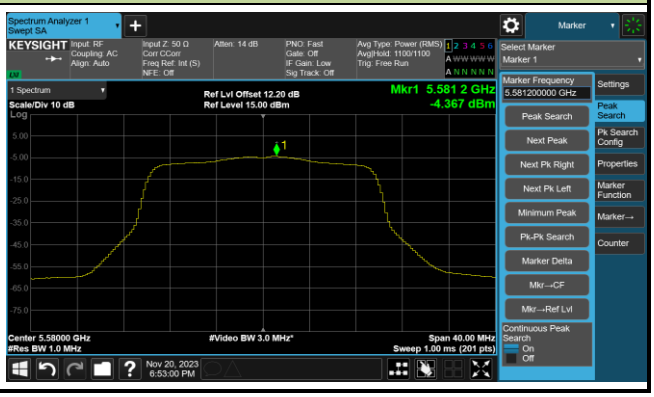
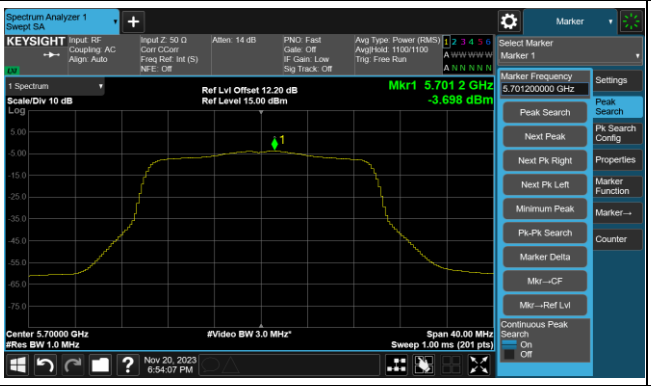
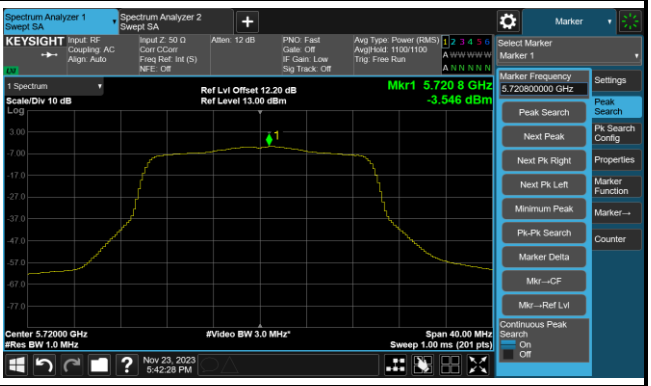
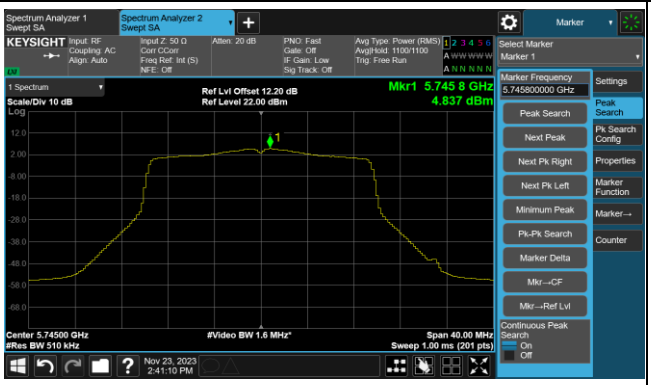
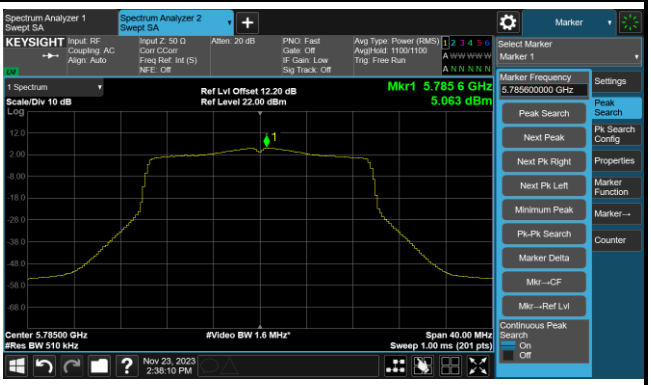
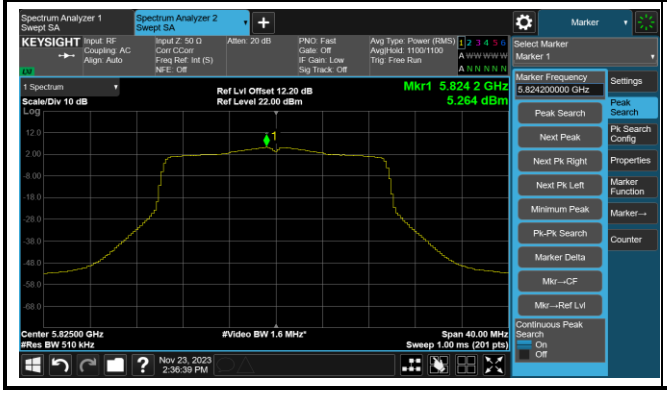
802.11ac-VHT40 Power Spectral Density- Ant 1	
Channel 38 (5190MHz)	Channel 46 (5230MHz)
	
Channel 54 (5270MHz)	Channel 62 (5310MHz)
	
Channel 102 (5510MHz)	Channel 110 (5550MHz)
	
Channel 134 (5670MHz)	Channel 142(5710MHz)
	

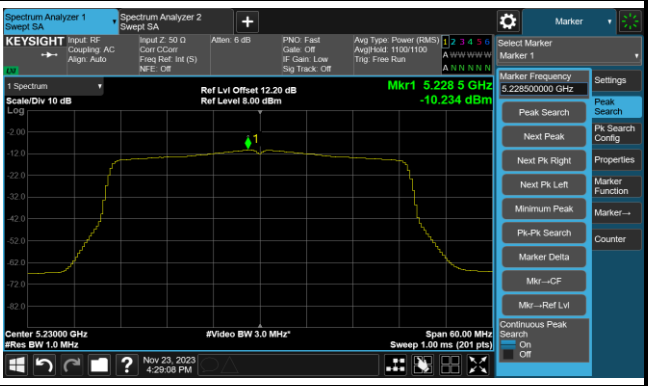
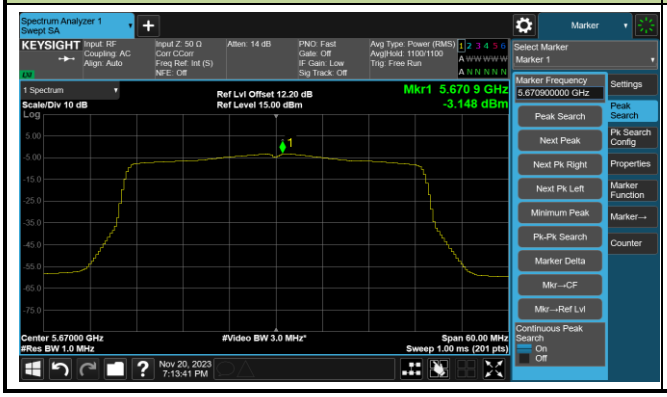
802.11ac-VHT40 Power Spectral Density- Ant 1	
Channel 151 (5755MHz)	Channel 159 (5795MHz)
	

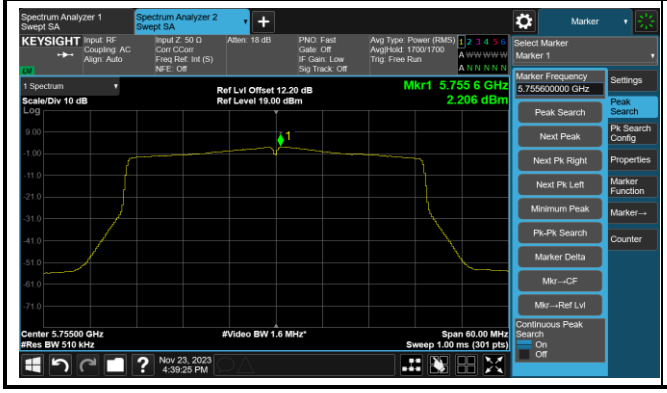
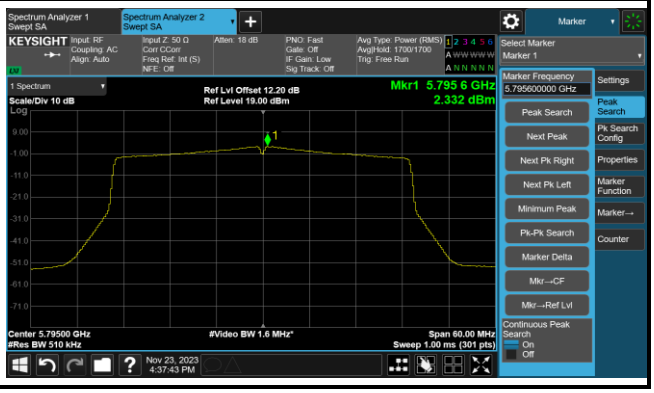
802.11ac-VHT80 Power Spectral Density- Ant 1	
Channel 42 (5210MHz)	Channel 58 (5290MHz)
	
Channel 106 (5530MHz)	Channel 122 (5610MHz)
	
Channel 138 (5690MHz)	Channel 155 (5775MHz)
	

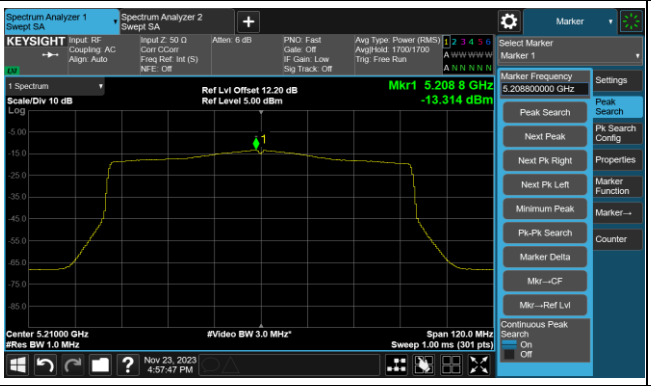
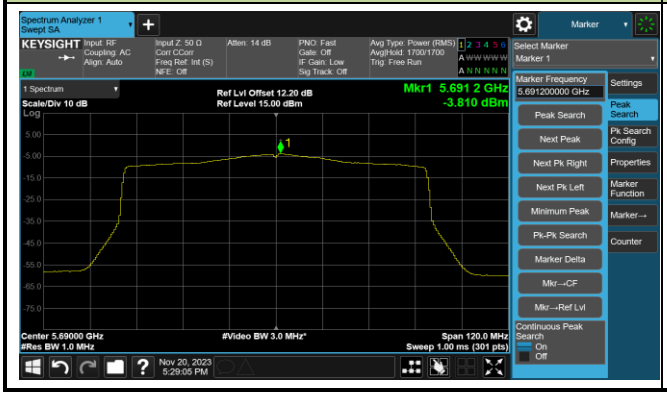
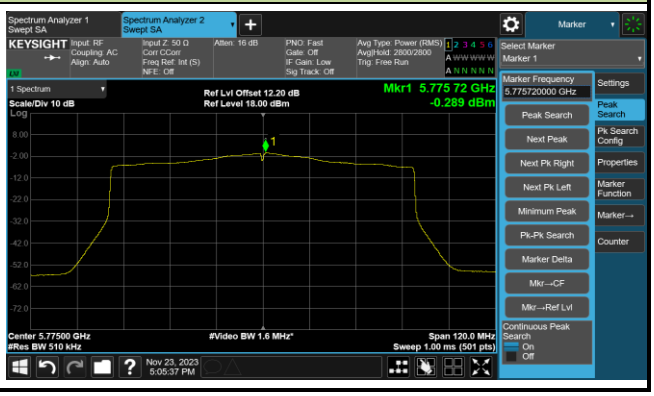
802.11ac-VHT160 Power Spectral Density- Ant 1	
Channel 50 (5250MHz)	Channel 114 (5570MHz)
	

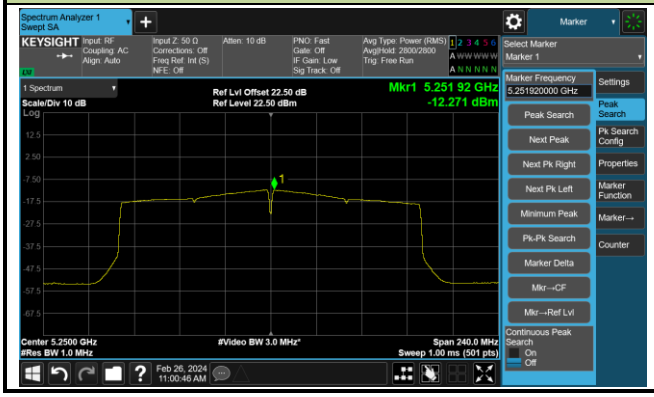
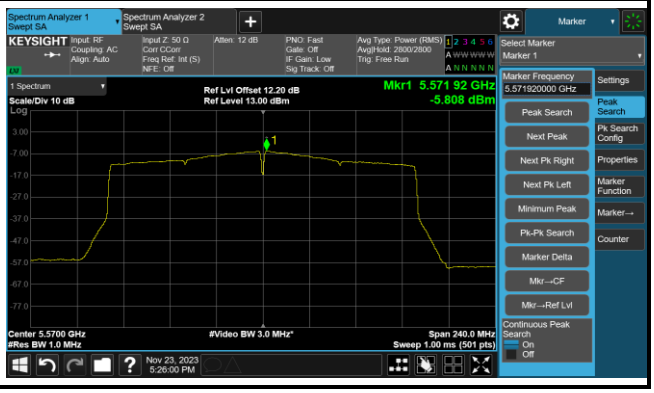
802.11ax-HE20 Power Spectral Density- Ant 1	
Channel 36 (5180MHz)	Channel 44 (5220MHz)
	
Channel 48 (5240MHz)	Channel 52 (5260MHz)
	
Channel 60 (5300MHz)	Channel 64 (5320MHz)
	
Channel 100 (5500MHz)	Channel 116 (5580MHz)
	

802.11ax-HE20 Power Spectral Density- Ant 1	
Channel 140 (5700MHz)	Channel 144(5720MHz)
	
Channel 149 (5745MHz)	Channel 157 (5785MHz)
	
Channel 165 (5825MHz)	
	

802.11ax-HE40 Power Spectral Density- Ant 1	
Channel 38 (5190MHz)	Channel 46 (5230MHz)
	
Channel 54 (5270MHz)	Channel 62 (5310MHz)
	
Channel 102 (5510MHz)	Channel 110 (5550MHz)
	
Channel 134 (5670MHz)	Channel 142(5710MHz)
	

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

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

802.11ax-HE160 Power Spectral Density- Ant 1	
Channel 50 (5250MHz)	Channel 114 (5570MHz)
	

A.6 Frequency Stability Test Result

Test Site	SIP-TR1	Test Engineer	Ryan Wang
Test Date	2023-11-02	Test Mode	5180MHz

Voltage (%)	Power (VAC)	Temp (°C)	Frequency Tolerance (ppm)			
			0 minutes	2 minutes	5 minutes	10 minutes
100%	120	- 30	1.70	-0.34	0.61	-7.24
		- 20	-2.39	-1.03	2.03	2.00
		- 10	-0.12	6.50	-2.32	3.39
		0	3.84	4.23	4.10	5.64
		+ 10	-5.93	-1.81	3.64	3.26
		+ 20	1.62	-0.94	1.68	2.24
		+ 30	-0.64	1.87	-0.83	2.92
		+ 40	2.23	-1.10	2.76	3.72
		+ 50	1.19	4.19	3.64	2.44
115%	138	+ 20	0.73	2.97	3.27	2.69
85%	102	+ 20	-3.54	1.68	0.21	3.20

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

A.7 Radiated Spurious Emission Test Result

L23UGSR-5HaxD2HaxD-US + Omni antenna:

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-24	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
	8284.5	39.6	11.1	50.7	74.0	-23.3	Peak	Horizontal
*	9806.0	38.1	13.8	51.9	68.2	-16.3	Peak	Horizontal
	11225.5	30.2	16.9	47.1	74.0	-26.9	Peak	Horizontal
*	13792.5	29.1	18.8	47.9	68.2	-20.3	Peak	Horizontal
*	9721.0	30.9	13.5	44.4	68.2	-23.8	Peak	Vertical
	11021.5	30.3	16.4	46.7	74.0	-27.3	Peak	Vertical
	12058.5	30.7	17.0	47.7	74.0	-26.3	Peak	Vertical
*	13852.0	30.0	19.0	49.0	68.2	-19.2	Peak	Vertical

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

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-24	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)	Detector	Polarization
	8352.5	35.9	11.1	47.0	74.0	-27.0	Peak	Horizontal
*	9806.0	36.8	13.8	50.6	68.2	-17.6	Peak	Horizontal
	11123.5	30.4	16.4	46.8	74.0	-27.2	Peak	Horizontal
*	13733.0	30.4	18.9	49.3	68.2	-18.9	Peak	Horizontal
	8352.5	35.8	11.1	46.9	74.0	-27.1	Peak	Vertical
*	10078.0	31.8	13.7	45.5	68.2	-22.7	Peak	Vertical
	11081.0	31.2	16.7	47.9	74.0	-26.1	Peak	Vertical
*	12951.0	29.4	17.3	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 (dBμV/m) = Reading Level (dBμV) + 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	2023-11-24	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
	8386.5	39.8	11.2	51.0	74.0	-23.0	Peak	Horizontal
*	9806.0	38.0	13.8	51.8	68.2	-16.4	Peak	Horizontal
	11480.5	31.1	17.6	48.7	74.0	-25.3	Peak	Horizontal
*	13665.0	29.8	18.6	48.4	68.2	-19.8	Peak	Horizontal
	8386.5	36.8	11.2	48.0	74.0	-26.0	Peak	Vertical
*	10265.0	31.3	14.6	45.9	68.2	-22.3	Peak	Vertical
	11710.0	30.9	17.8	48.7	74.0	-25.3	Peak	Vertical
*	13911.5	30.7	18.7	49.4	68.2	-18.8	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-09-27	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
	8412.0	52.5	-3.2	49.3	74.0	-24.7	Peak	Horizontal
*	9806.0	49.3	-2.0	47.3	68.2	-20.9	Peak	Horizontal
	11633.5	47.7	-1.7	46.0	74.0	-28.0	Peak	Horizontal
*	16504.0	44.6	6.3	50.9	68.2	-17.3	Peak	Horizontal
	8488.5	48.1	-3.0	45.1	74.0	-28.9	Peak	Vertical
	10868.5	47.4	-1.5	45.9	74.0	-28.1	Peak	Vertical
*	13758.5	46.7	2.1	48.8	68.2	-19.4	Peak	Vertical
*	17294.5	44.9	7.1	52.0	68.2	-16.2	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-09-27	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
*	7953.0	50.4	-4.0	46.4	68.2	-21.8	Peak	Horizontal
*	9806.0	50.3	-2.0	48.3	68.2	-19.9	Peak	Horizontal
	11676.0	47.7	-1.7	46.0	74.0	-28.0	Peak	Horizontal
	15654.0	45.2	4.1	49.3	74.0	-24.7	Peak	Horizontal
*	8947.5	47.4	-2.1	45.3	68.2	-22.9	Peak	Vertical
	11140.5	47.3	-1.4	45.9	74.0	-28.1	Peak	Vertical
	15662.5	45.5	4.3	49.8	74.0	-24.2	Peak	Vertical
*	16886.5	44.1	6.6	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 dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-09-27	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
*	7978.5	50.4	-3.9	46.5	68.2	-21.7	Peak	Horizontal
*	9806.0	49.4	-2.0	47.4	68.2	-20.8	Peak	Horizontal
	11548.5	47.8	-1.7	46.1	74.0	-27.9	Peak	Horizontal
	15781.5	44.7	5.0	49.7	74.0	-24.3	Peak	Horizontal
	8420.5	47.9	-3.2	44.7	74.0	-29.3	Peak	Vertical
*	10418.0	46.9	-1.4	45.5	68.2	-22.7	Peak	Vertical
	11931.0	47.3	-1.8	45.5	74.0	-28.5	Peak	Vertical
*	16359.5	44.9	5.5	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 (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-09-27	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
	8250.5	50.4	-3.2	47.2	74.0	-26.8	Peak	Horizontal
*	9806.0	49.8	-2.0	47.8	68.2	-20.4	Peak	Horizontal
	11897.0	47.6	-1.7	45.9	74.0	-28.1	Peak	Horizontal
*	16937.5	44.1	6.8	50.9	68.2	-17.3	Peak	Horizontal
*	8658.5	47.5	-2.6	44.9	68.2	-23.3	Peak	Vertical
*	10341.5	46.5	-1.3	45.2	68.2	-23.0	Peak	Vertical
	11812.0	47.4	-1.8	45.6	74.0	-28.4	Peak	Vertical
	15688.0	44.1	4.8	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 (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-09-27	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
	8369.5	50.9	-3.4	47.5	74.0	-26.5	Peak	Horizontal
*	9806.0	49.3	-2.0	47.3	68.2	-20.9	Peak	Horizontal
	12636.5	48.7	-0.9	47.8	74.0	-26.2	Peak	Horizontal
*	16351.0	45.2	5.5	50.7	68.2	-17.5	Peak	Horizontal
	8199.5	47.3	-3.3	44.0	74.0	-30.0	Peak	Vertical
	11744.0	47.7	-1.8	45.9	74.0	-28.1	Peak	Vertical
*	14115.5	46.0	2.9	48.9	68.2	-19.3	Peak	Vertical
*	16733.5	43.9	6.8	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 dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-09-27	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
*	8548.0	51.5	-2.9	48.6	68.2	-19.6	Peak	Horizontal
*	9806.0	50.2	-2.0	48.2	68.2	-20.0	Peak	Horizontal
	11404.0	47.9	-1.6	46.3	74.0	-27.7	Peak	Horizontal
	15883.5	44.5	5.1	49.6	74.0	-24.4	Peak	Horizontal
	7638.5	48.7	-4.3	44.4	74.0	-29.6	Peak	Vertical
*	9942.0	47.4	-1.6	45.8	68.2	-22.4	Peak	Vertical
	12135.0	47.0	-1.7	45.3	74.0	-28.7	Peak	Vertical
*	16606.0	44.9	6.4	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 (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-09-27	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
*	8582.0	51.0	-3.0	48.0	68.2	-20.2	Peak	Horizontal
*	9806.0	49.4	-2.0	47.4	68.2	-20.8	Peak	Horizontal
	11438.0	47.2	-1.4	45.8	74.0	-28.2	Peak	Horizontal
	15781.5	44.9	5.0	49.9	74.0	-24.1	Peak	Horizontal
	7307.0	48.6	-5.0	43.6	74.0	-30.4	Peak	Vertical
*	8820.0	47.9	-2.0	45.9	68.2	-22.3	Peak	Vertical
	11166.0	46.8	-1.3	45.5	74.0	-28.5	Peak	Vertical
*	16359.5	45.0	5.5	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 (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-09-27	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
*	8616.0	51.4	-2.6	48.8	68.2	-19.4	Peak	Horizontal
*	9806.0	49.9	-2.0	47.9	68.2	-20.3	Peak	Horizontal
	11489.0	50.1	-1.6	48.5	74.0	-25.5	Peak	Horizontal
	15671.0	45.3	4.6	49.9	74.0	-24.1	Peak	Horizontal
*	8616.0	49.1	-2.6	46.5	68.2	-21.7	Peak	Vertical
	10860.0	47.0	-1.5	45.5	74.0	-28.5	Peak	Vertical
	12509.0	46.6	-1.1	45.5	74.0	-28.5	Peak	Vertical
*	17260.5	44.8	7.5	52.3	68.2	-15.9	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-09-27	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
*	8675.5	50.2	-2.6	47.6	68.2	-20.6	Peak	Horizontal
*	9806.0	50.6	-2.0	48.6	68.2	-19.6	Peak	Horizontal
	11565.5	50.6	-1.9	48.7	74.0	-25.3	Peak	Horizontal
	16062.0	44.6	5.0	49.6	74.0	-24.4	Peak	Horizontal
*	8675.5	50.0	-2.6	47.4	68.2	-20.8	Peak	Vertical
*	10316.0	46.5	-1.1	45.4	68.2	-22.8	Peak	Vertical
	11523.0	48.5	-1.5	47.0	74.0	-27.0	Peak	Vertical
	15696.5	44.9	4.9	49.8	74.0	-24.2	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-09-27	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
*	8735.0	50.4	-2.1	48.3	68.2	-19.9	Peak	Horizontal
*	9806.0	49.2	-2.0	47.2	68.2	-21.0	Peak	Horizontal
	11650.5	49.9	-1.7	48.2	74.0	-25.8	Peak	Horizontal
	15688.0	45.7	4.8	50.5	74.0	-23.5	Peak	Horizontal
*	8735.0	49.5	-2.1	47.4	68.2	-20.8	Peak	Vertical
	11650.5	49.1	-1.7	47.4	74.0	-26.6	Peak	Vertical
*	13894.5	47.0	2.5	49.5	68.2	-18.7	Peak	Vertical
	15662.5	45.5	4.3	49.8	74.0	-24.2	Peak	Vertical

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

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-24	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
	8284.5	41.4	11.1	52.5	74.0	-21.5	Peak	Horizontal
*	9806.0	37.7	13.8	51.5	68.2	-16.7	Peak	Horizontal
	11106.5	31.7	16.7	48.4	74.0	-25.6	Peak	Horizontal
*	14039.0	29.2	19.9	49.1	68.2	-19.1	Peak	Horizontal
*	9806.0	35.0	13.8	48.8	68.2	-19.4	Peak	Vertical
	10809.0	32.1	16.5	48.6	74.0	-25.4	Peak	Vertical
	11786.5	29.4	17.6	47.0	74.0	-27.0	Peak	Vertical
*	13852.0	29.7	19.0	48.7	68.2	-19.5	Peak	Vertical

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

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-24	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
	8352.5	35.7	11.1	46.8	74.0	-27.2	Peak	Horizontal
*	9806.0	35.9	13.8	49.7	68.2	-18.5	Peak	Horizontal
	11361.5	30.7	17.2	47.9	74.0	-26.1	Peak	Horizontal
*	14039.0	30.0	19.9	49.9	68.2	-18.3	Peak	Horizontal
*	10078.0	31.5	13.7	45.2	68.2	-23.0	Peak	Vertical
	11072.5	30.7	16.5	47.2	74.0	-26.8	Peak	Vertical
	11786.5	30.9	17.6	48.5	74.0	-25.5	Peak	Vertical
*	13733.0	30.1	18.9	49.0	68.2	-19.2	Peak	Vertical

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

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-24	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
	8386.5	39.8	11.2	51.0	74.0	-23.0	Peak	Horizontal
*	9806.0	38.0	13.8	51.8	68.2	-16.4	Peak	Horizontal
	11480.5	31.1	17.6	48.7	74.0	-25.3	Peak	Horizontal
*	13665.0	29.8	18.6	48.4	68.2	-19.8	Peak	Horizontal
	8386.5	36.8	11.2	48.0	74.0	-26.0	Peak	Vertical
*	10265.0	31.3	14.6	45.9	68.2	-22.3	Peak	Vertical
	11710.0	30.9	17.8	48.7	74.0	-25.3	Peak	Vertical
*	13911.5	30.7	18.7	49.4	68.2	-18.8	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-09-27	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
	8412.0	52.2	-3.2	49.0	74.0	-25.0	Peak	Horizontal
*	9806.0	48.5	-2.0	46.5	68.2	-21.7	Peak	Horizontal
	12288.0	48.3	-1.7	46.6	74.0	-27.4	Peak	Horizontal
*	16750.5	45.1	6.5	51.6	68.2	-16.6	Peak	Horizontal
*	9287.5	47.3	-1.5	45.8	68.2	-22.4	Peak	Vertical
	11157.5	47.3	-1.3	46.0	74.0	-28.0	Peak	Vertical
*	14149.5	46.0	3.0	49.0	68.2	-19.2	Peak	Vertical
	15781.5	44.9	5.0	49.9	74.0	-24.1	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-09-27	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
*	7953.0	51.3	-4.0	47.3	68.2	-20.9	Peak	Horizontal
*	9806.0	49.2	-2.0	47.2	68.2	-21.0	Peak	Horizontal
	11999.0	48.1	-1.8	46.3	74.0	-27.7	Peak	Horizontal
	15679.5	44.8	4.7	49.5	74.0	-24.5	Peak	Horizontal
*	7978.5	48.1	-3.9	44.2	68.2	-24.0	Peak	Vertical
	9313.0	47.3	-1.7	45.6	74.0	-28.4	Peak	Vertical
	11718.5	47.3	-1.7	45.6	74.0	-28.4	Peak	Vertical
*	17235.0	45.0	7.4	52.4	68.2	-15.8	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-09-27	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
*	7978.5	51.7	-3.9	47.8	68.2	-20.4	Peak	Horizontal
*	9806.0	49.9	-2.0	47.9	68.2	-20.3	Peak	Horizontal
	11438.0	46.9	-1.4	45.5	74.0	-28.5	Peak	Horizontal
	15577.5	45.0	4.6	49.6	74.0	-24.4	Peak	Horizontal
	7451.5	48.4	-4.8	43.6	74.0	-30.4	Peak	Vertical
*	9670.0	48.1	-2.0	46.1	68.2	-22.1	Peak	Vertical
	11701.5	47.1	-1.6	45.5	74.0	-28.5	Peak	Vertical
*	16691.0	45.0	6.4	51.4	68.2	-16.8	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-09-27	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
	8250.5	51.3	-3.2	48.1	74.0	-25.9	Peak	Horizontal
*	9806.0	49.1	-2.0	47.1	68.2	-21.1	Peak	Horizontal
	11710.0	47.8	-1.6	46.2	74.0	-27.8	Peak	Horizontal
*	16470.0	45.1	5.7	50.8	68.2	-17.4	Peak	Horizontal
	8250.5	47.9	-3.2	44.7	74.0	-29.3	Peak	Vertical
*	10137.5	48.0	-1.5	46.5	68.2	-21.7	Peak	Vertical
	11633.5	47.5	-1.7	45.8	74.0	-28.2	Peak	Vertical
*	16410.5	45.0	5.8	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 (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-09-27	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
	8369.5	51.9	-3.4	48.5	74.0	-25.5	Peak	Horizontal
*	9806.0	49.9	-2.0	47.9	68.2	-20.3	Peak	Horizontal
	11820.5	47.8	-1.8	46.0	74.0	-28.0	Peak	Horizontal
*	16521.0	44.6	6.2	50.8	68.2	-17.4	Peak	Horizontal
*	8777.5	47.8	-2.1	45.7	68.2	-22.5	Peak	Vertical
*	10222.5	46.9	-1.5	45.4	68.2	-22.8	Peak	Vertical
	12517.5	47.2	-1.1	46.1	74.0	-27.9	Peak	Vertical
	15696.5	44.4	4.9	49.3	74.0	-24.7	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-09-27	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
*	8548.0	51.8	-2.9	48.9	68.2	-19.3	Peak	Horizontal
*	9806.0	51.0	-2.0	49.0	68.2	-19.2	Peak	Horizontal
	11404.0	47.5	-1.6	45.9	74.0	-28.1	Peak	Horizontal
	15705.0	44.9	4.9	49.8	74.0	-24.2	Peak	Horizontal
	8437.5	47.5	-3.2	44.3	74.0	-29.7	Peak	Vertical
*	9976.0	46.8	-1.5	45.3	68.2	-22.9	Peak	Vertical
	12050.0	47.6	-1.7	45.9	74.0	-28.1	Peak	Vertical
*	16912.0	44.4	6.8	51.2	68.2	-17.0	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-09-27	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
*	8582.0	52.6	-3.0	49.6	68.2	-18.6	Peak	Horizontal
*	9806.0	49.8	-2.0	47.8	68.2	-20.4	Peak	Horizontal
	11438.0	47.5	-1.4	46.1	74.0	-27.9	Peak	Horizontal
	15671.0	46.1	4.6	50.7	74.0	-23.3	Peak	Horizontal
	9066.5	48.3	-2.4	45.9	74.0	-28.1	Peak	Vertical
	11344.5	46.9	-1.5	45.4	74.0	-28.6	Peak	Vertical
*	14260.0	46.0	3.1	49.1	68.2	-19.1	Peak	Vertical
*	16895.0	44.6	6.8	51.4	68.2	-16.8	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-09-27	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
*	8616.0	51.8	-2.6	49.2	68.2	-19.0	Peak	Horizontal
*	9806.0	49.0	-2.0	47.0	68.2	-21.2	Peak	Horizontal
	11489.0	50.6	-1.6	49.0	74.0	-25.0	Peak	Horizontal
	15679.5	45.1	4.7	49.8	74.0	-24.2	Peak	Horizontal
	8216.5	49.1	-3.2	45.9	74.0	-28.1	Peak	Vertical
*	10248.0	47.2	-1.5	45.7	68.2	-22.5	Peak	Vertical
	11888.5	47.4	-1.8	45.6	74.0	-28.4	Peak	Vertical
*	17005.5	44.9	6.4	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 (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-09-27	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
*	8675.5	50.2	-2.6	47.6	68.2	-20.6	Peak	Horizontal
*	9806.0	48.8	-2.0	46.8	68.2	-21.4	Peak	Horizontal
	11574.0	49.7	-2.0	47.7	74.0	-26.3	Peak	Horizontal
	15696.5	45.0	4.9	49.9	74.0	-24.1	Peak	Horizontal
	8089.0	48.2	-4.0	44.2	74.0	-29.8	Peak	Vertical
	11429.5	47.3	-1.5	45.8	74.0	-28.2	Peak	Vertical
*	14183.5	46.4	3.2	49.6	68.2	-18.6	Peak	Vertical
*	16419.0	45.4	5.7	51.1	68.2	-17.1	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-09-27	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
*	8735.0	50.5	-2.1	48.4	68.2	-19.8	Peak	Horizontal
*	9806.0	49.7	-2.0	47.7	68.2	-20.5	Peak	Horizontal
	11650.5	50.2	-1.7	48.5	74.0	-25.5	Peak	Horizontal
	15679.5	45.9	4.7	50.6	74.0	-23.4	Peak	Horizontal
*	8735.0	49.2	-2.1	47.1	68.2	-21.1	Peak	Vertical
	11650.5	47.7	-1.7	46.0	74.0	-28.0	Peak	Vertical
*	14175.0	46.2	3.7	49.9	68.2	-18.3	Peak	Vertical
	15696.5	45.7	4.9	50.6	74.0	-23.4	Peak	Vertical

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

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-24	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
	8386.5	39.3	11.2	50.5	74.0	-23.5	Peak	Horizontal
*	9806.0	38.5	13.8	52.3	68.2	-15.9	Peak	Horizontal
	11378.5	29.7	17.3	47.0	74.0	-27.0	Peak	Horizontal
*	14039.0	30.7	19.9	50.6	68.2	-17.6	Peak	Horizontal
*	10171.5	30.3	14.1	44.4	68.2	-23.8	Peak	Vertical
	11497.5	30.6	17.6	48.2	74.0	-25.8	Peak	Vertical
	12288.0	31.3	17.6	48.9	74.0	-25.1	Peak	Vertical
*	13911.5	29.4	18.7	48.1	68.2	-20.1	Peak	Vertical

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

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-24	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
	8386.5	40.5	11.2	51.7	74.0	-22.3	Peak	Horizontal
*	9806.0	37.3	13.8	51.1	68.2	-17.1	Peak	Horizontal
	11276.5	30.0	17.0	47.0	74.0	-27.0	Peak	Horizontal
	11948.0	29.8	16.9	46.7	74.0	-27.3	Peak	Horizontal
	8386.5	35.9	11.2	47.1	74.0	-26.9	Peak	Vertical
*	9806.0	35.1	13.8	48.9	68.2	-19.3	Peak	Vertical
	11506.0	32.8	17.4	50.2	74.0	-23.8	Peak	Vertical
*	13852.0	30.7	19.0	49.7	68.2	-18.5	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-09-27	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
*	7902.0	51.0	-4.2	46.8	68.2	-21.4	Peak	Horizontal
*	9806.0	49.4	-2.0	47.4	68.2	-20.8	Peak	Horizontal
	12177.5	47.2	-1.6	45.6	74.0	-28.4	Peak	Horizontal
	15671.0	45.5	4.6	50.1	74.0	-23.9	Peak	Horizontal
	7264.5	48.6	-5.0	43.6	74.0	-30.4	Peak	Vertical
*	8726.5	47.8	-2.2	45.6	68.2	-22.6	Peak	Vertical
	11149.0	47.2	-1.4	45.8	74.0	-28.2	Peak	Vertical
*	14166.5	46.2	3.4	49.6	68.2	-18.6	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-09-27	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
	8497.0	52.1	-2.9	49.2	74.0	-24.8	Peak	Horizontal
*	9806.0	49.6	-2.0	47.6	68.2	-20.6	Peak	Horizontal
	11710.0	48.2	-1.6	46.6	74.0	-27.4	Peak	Horizontal
*	16793.0	45.1	6.3	51.4	68.2	-16.8	Peak	Horizontal
	8420.5	47.9	-3.2	44.7	74.0	-29.3	Peak	Vertical
	11455.0	47.5	-1.5	46.0	74.0	-28.0	Peak	Vertical
*	14166.5	46.0	3.4	49.4	68.2	-18.8	Peak	Vertical
*	17031.0	45.6	7.1	52.7	68.2	-15.5	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-09-27	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
	8267.5	51.1	-3.3	47.8	74.0	-26.2	Peak	Horizontal
*	9806.0	49.3	-2.0	47.3	68.2	-20.9	Peak	Horizontal
	12092.5	47.6	-1.8	45.8	74.0	-28.2	Peak	Horizontal
*	14073.0	46.4	2.9	49.3	68.2	-18.9	Peak	Horizontal
	8497.0	48.8	-2.9	45.9	74.0	-28.1	Peak	Vertical
*	10316.0	47.1	-1.1	46.0	68.2	-22.2	Peak	Vertical
	11429.5	47.4	-1.5	45.9	74.0	-28.1	Peak	Vertical
*	16818.5	44.5	6.7	51.2	68.2	-17.0	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-09-27	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
	8327.0	50.8	-3.4	47.4	74.0	-26.6	Peak	Horizontal
*	9806.0	49.5	-2.0	47.5	68.2	-20.7	Peak	Horizontal
*	14081.5	46.2	2.9	49.1	68.2	-19.1	Peak	Horizontal
	15586.0	45.4	4.5	49.9	74.0	-24.1	Peak	Horizontal
	8327.0	48.9	-3.4	45.5	74.0	-28.5	Peak	Vertical
	10885.5	47.5	-1.4	46.1	74.0	-27.9	Peak	Vertical
*	13758.5	46.6	2.1	48.7	68.2	-19.5	Peak	Vertical
*	16895.0	44.7	6.8	51.5	68.2	-16.7	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-09-27	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
*	8505.5	51.3	-3.0	48.3	68.2	-19.9	Peak	Horizontal
*	9806.0	50.1	-2.0	48.1	68.2	-20.1	Peak	Horizontal
	11344.5	53.2	-1.5	51.7	74.0	-22.3	Peak	Horizontal
	15688.0	44.8	4.8	49.6	74.0	-24.4	Peak	Horizontal
*	7018.0	48.6	-5.3	43.3	68.2	-24.9	Peak	Vertical
	9381.0	47.3	-2.0	45.3	74.0	-28.7	Peak	Vertical
	11599.5	48.0	-1.7	46.3	74.0	-27.7	Peak	Vertical
*	16725.0	44.4	6.7	51.1	68.2	-17.1	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-09-27	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
*	8565.0	51.2	-3.0	48.2	68.2	-20.0	Peak	Horizontal
*	9806.0	48.6	-2.0	46.6	68.2	-21.6	Peak	Horizontal
	11667.5	47.4	-1.7	45.7	74.0	-28.3	Peak	Horizontal
	15696.5	44.7	4.9	49.6	74.0	-24.4	Peak	Horizontal
*	7137.0	47.9	-4.8	43.1	68.2	-25.1	Peak	Vertical
*	9202.5	47.6	-2.1	45.5	68.2	-22.7	Peak	Vertical
	11149.0	47.9	-1.4	46.5	74.0	-27.5	Peak	Vertical
	15688.0	45.4	4.8	50.2	74.0	-23.8	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-09-27	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
*	8633.0	50.6	-2.7	47.9	68.2	-20.3	Peak	Horizontal
*	9806.0	49.6	-2.0	47.6	68.2	-20.6	Peak	Horizontal
	11506.0	50.0	-1.7	48.3	74.0	-25.7	Peak	Horizontal
	15696.5	44.6	4.9	49.5	74.0	-24.5	Peak	Horizontal
*	8633.0	50.6	-2.7	47.9	68.2	-20.3	Peak	Vertical
	11174.5	46.8	-1.5	45.3	74.0	-28.7	Peak	Vertical
*	13741.5	47.4	1.9	49.3	68.2	-18.9	Peak	Vertical
	15688.0	45.1	4.8	49.9	74.0	-24.1	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-09-27	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
*	8692.5	50.8	-2.5	48.3	68.2	-19.9	Peak	Horizontal
*	9806.0	48.5	-2.0	46.5	68.2	-21.7	Peak	Horizontal
	11591.0	48.7	-1.7	47.0	74.0	-27.0	Peak	Horizontal
	15909.0	44.8	5.2	50.0	74.0	-24.0	Peak	Horizontal
*	7783.0	48.9	-4.1	44.8	68.2	-23.4	Peak	Vertical
*	9270.5	47.8	-1.5	46.3	68.2	-21.9	Peak	Vertical
	11242.5	47.3	-1.6	45.7	74.0	-28.3	Peak	Vertical
	15662.5	45.9	4.3	50.2	74.0	-23.8	Peak	Vertical

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

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-24	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
	8386.5	37.5	11.2	48.7	74.0	-25.3	Peak	Horizontal
*	9806.0	37.3	13.8	51.1	68.2	-17.1	Peak	Horizontal
	11506.0	32.8	17.4	50.2	74.0	-23.8	Peak	Horizontal
*	13911.5	31.5	18.7	50.2	68.2	-18.0	Peak	Horizontal
*	9899.5	31.7	13.6	45.3	68.2	-22.9	Peak	Vertical
*	10307.5	30.1	14.9	45.0	68.2	-23.2	Peak	Vertical
	11565.5	31.5	17.8	49.3	74.0	-24.7	Peak	Vertical
	11786.5	29.6	17.6	47.2	74.0	-26.8	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-09-27	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
*	9806.0	49.0	-2.0	47.0	68.2	-21.2	Peak	Horizontal
	11905.5	47.4	-1.8	45.6	74.0	-28.4	Peak	Horizontal
*	14056.0	47.1	3.0	50.1	68.2	-18.1	Peak	Horizontal
	15688.0	44.8	4.8	49.6	74.0	-24.4	Peak	Horizontal
	7749.0	48.8	-4.2	44.6	74.0	-29.4	Peak	Vertical
*	9806.0	47.7	-2.0	45.7	68.2	-22.5	Peak	Vertical
	11353.0	48.3	-1.5	46.8	74.0	-27.2	Peak	Vertical
*	17150.0	45.5	6.6	52.1	68.2	-16.1	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-09-27	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
	8293.0	51.4	-3.2	48.2	74.0	-25.8	Peak	Horizontal
*	9806.0	49.3	-2.0	47.3	68.2	-20.9	Peak	Horizontal
	12143.5	47.5	-1.7	45.8	74.0	-28.2	Peak	Horizontal
*	16708.0	44.2	6.7	50.9	68.2	-17.3	Peak	Horizontal
	8361.0	48.2	-3.4	44.8	74.0	-29.2	Peak	Vertical
	11421.0	47.5	-1.5	46.0	74.0	-28.0	Peak	Vertical
*	13869.0	46.1	2.5	48.6	68.2	-19.6	Peak	Vertical
*	17031.0	44.3	7.1	51.4	68.2	-16.8	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-09-27	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
	8412.0	53.3	-3.2	50.1	74.0	-23.9	Peak	Horizontal
*	9780.5	48.8	-2.0	46.8	68.2	-21.4	Peak	Horizontal
	11242.5	51.4	-1.6	49.8	74.0	-24.2	Peak	Horizontal
*	16495.5	44.4	6.2	50.6	68.2	-17.6	Peak	Horizontal
*	7120.0	48.5	-4.9	43.6	68.2	-24.6	Peak	Vertical
*	9661.5	47.2	-2.0	45.2	68.2	-23.0	Peak	Vertical
	11922.5	47.6	-1.8	45.8	74.0	-28.2	Peak	Vertical
	15560.5	45.2	4.6	49.8	74.0	-24.2	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-09-27	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
*	8531.0	51.7	-3.0	48.7	68.2	-19.5	Peak	Horizontal
*	9806.0	49.5	-2.0	47.5	68.2	-20.7	Peak	Horizontal
	11353.0	50.4	-1.5	48.9	74.0	-25.1	Peak	Horizontal
	15679.5	45.1	4.7	49.8	74.0	-24.2	Peak	Horizontal
*	7077.5	48.3	-4.9	43.4	68.2	-24.8	Peak	Vertical
*	8794.5	47.8	-2.1	45.7	68.2	-22.5	Peak	Vertical
	11438.0	47.7	-1.4	46.3	74.0	-27.7	Peak	Vertical
	15586.0	45.2	4.5	49.7	74.0	-24.3	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-09-27	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
*	8658.5	51.2	-2.6	48.6	68.2	-19.6	Peak	Horizontal
	11548.5	47.8	-1.7	46.1	74.0	-27.9	Peak	Horizontal
	15586.0	44.9	4.5	49.4	74.0	-24.6	Peak	Horizontal
*	17592.0	46.2	7.9	54.1	68.2	-14.1	Peak	Horizontal
	7375.0	48.4	-5.2	43.2	74.0	-30.8	Peak	Vertical
*	8658.5	49.1	-2.6	46.5	68.2	-21.7	Peak	Vertical
	11548.5	47.3	-1.7	45.6	74.0	-28.4	Peak	Vertical
*	16342.5	45.0	5.5	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 (dBµV/m) = Reading Level (dBµV) + Factor (dB/m)

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-09-27	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
	8403.5	51.6	-3.2	48.4	74.0	-25.6	Peak	Horizontal
*	9806.0	49.3	-2.0	47.3	68.2	-20.9	Peak	Horizontal
	12220.0	47.6	-1.7	45.9	74.0	-28.1	Peak	Horizontal
*	16436.0	45.3	5.8	51.1	68.2	-17.1	Peak	Horizontal
*	7196.5	48.2	-4.8	43.4	68.2	-24.8	Peak	Vertical
*	8820.0	46.7	-2.0	44.7	68.2	-23.5	Peak	Vertical
	11421.0	47.6	-1.5	46.1	74.0	-27.9	Peak	Vertical
	15875.0	44.7	5.1	49.8	74.0	-24.2	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-09-27	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
	8352.5	51.4	-3.4	48.0	74.0	-26.0	Peak	Horizontal
*	9806.0	49.0	-2.0	47.0	68.2	-21.2	Peak	Horizontal
	11140.5	48.1	-1.4	46.7	74.0	-27.3	Peak	Horizontal
*	16818.5	44.6	6.7	51.3	68.2	-16.9	Peak	Horizontal
*	7205.0	48.2	-4.7	43.5	68.2	-24.7	Peak	Vertical
	9024.0	47.9	-1.9	46.0	74.0	-28.0	Peak	Vertical
	11863.0	48.3	-2.0	46.3	74.0	-27.7	Peak	Vertical
*	16903.5	44.6	6.8	51.4	68.2	-16.8	Peak	Vertical

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

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-24	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
	8284.5	39.7	11.1	50.8	74.0	-23.2	Peak	Horizontal
*	9806.0	37.6	13.8	51.4	68.2	-16.8	Peak	Horizontal
	11803.5	30.2	17.7	47.9	74.0	-26.1	Peak	Horizontal
*	14039.0	30.1	19.9	50.0	68.2	-18.2	Peak	Horizontal
	7562.0	32.6	11.9	44.5	74.0	-29.5	Peak	Vertical
	8284.5	35.4	11.1	46.5	74.0	-27.5	Peak	Vertical
*	9857.0	31.4	13.5	44.9	68.2	-23.3	Peak	Vertical
*	14166.5	30.6	19.8	50.4	68.2	-17.8	Peak	Vertical

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

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-24	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
	8352.5	39.3	11.1	50.4	74.0	-23.6	Peak	Horizontal
*	9806.0	37.4	13.8	51.2	68.2	-17.0	Peak	Horizontal
	10877.0	30.4	16.3	46.7	74.0	-27.3	Peak	Horizontal
*	13979.5	29.6	19.1	48.7	68.2	-19.5	Peak	Horizontal
	8352.5	39.3	11.1	50.4	74.0	-23.6	Peak	Vertical
*	9806.0	37.4	13.8	51.2	68.2	-17.0	Peak	Vertical
	11463.5	32.0	17.5	49.5	74.0	-24.5	Peak	Vertical
*	13792.5	29.4	18.8	48.2	68.2	-20.0	Peak	Vertical

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

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-24	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
	8386.5	41.4	11.2	52.6	74.0	-21.4	Peak	Horizontal
*	9806.0	37.9	13.8	51.7	68.2	-16.5	Peak	Horizontal
	11497.5	31.4	17.6	49.0	74.0	-25.0	Peak	Horizontal
	12169.0	29.8	17.4	47.2	74.0	-26.8	Peak	Horizontal
*	9942.0	32.2	13.8	46.0	68.2	-22.2	Peak	Vertical
	11489.0	30.9	17.7	48.6	74.0	-25.4	Peak	Vertical
	12381.5	28.9	16.9	45.8	74.0	-28.2	Peak	Vertical
*	13852.0	29.7	19.0	48.7	68.2	-19.5	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-09-27	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
	8412.0	52.0	-3.2	48.8	74.0	-25.2	Peak	Horizontal
*	9806.0	50.0	-2.0	48.0	68.2	-20.2	Peak	Horizontal
	11463.5	47.8	-1.6	46.2	74.0	-27.8	Peak	Horizontal
*	16393.5	45.1	5.8	50.9	68.2	-17.3	Peak	Horizontal
*	7213.5	48.1	-4.8	43.3	68.2	-24.9	Peak	Vertical
	9024.0	47.7	-1.9	45.8	74.0	-28.2	Peak	Vertical
	11506.0	47.2	-1.7	45.5	74.0	-28.5	Peak	Vertical
*	17269.0	44.7	7.4	52.1	68.2	-16.1	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-09-27	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
*	7953.0	51.5	-4.0	47.5	68.2	-20.7	Peak	Horizontal
*	9806.0	49.4	-2.0	47.4	68.2	-20.8	Peak	Horizontal
	11905.5	47.2	-1.8	45.4	74.0	-28.6	Peak	Horizontal
	15492.5	44.5	4.4	48.9	74.0	-25.1	Peak	Horizontal
*	7120.0	48.5	-4.9	43.6	68.2	-24.6	Peak	Vertical
*	9576.5	47.6	-1.9	45.7	68.2	-22.5	Peak	Vertical
	11727.0	47.8	-1.7	46.1	74.0	-27.9	Peak	Vertical
	15662.5	44.8	4.3	49.1	74.0	-24.9	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-09-27	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
*	7978.5	51.0	-3.9	47.1	68.2	-21.1	Peak	Horizontal
*	9806.0	49.6	-2.0	47.6	68.2	-20.6	Peak	Horizontal
	11633.5	47.5	-1.7	45.8	74.0	-28.2	Peak	Horizontal
	15713.5	45.2	4.8	50.0	74.0	-24.0	Peak	Horizontal
*	7978.5	49.3	-3.9	45.4	68.2	-22.8	Peak	Vertical
*	9517.0	48.0	-2.0	46.0	68.2	-22.2	Peak	Vertical
	11710.0	47.7	-1.6	46.1	74.0	-27.9	Peak	Vertical
	15586.0	44.4	4.5	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 (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-09-27	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
	8250.5	50.8	-3.2	47.6	74.0	-26.4	Peak	Horizontal
*	9806.0	49.6	-2.0	47.6	68.2	-20.6	Peak	Horizontal
	11591.0	47.7	-1.7	46.0	74.0	-28.0	Peak	Horizontal
*	17566.5	45.3	7.6	52.9	68.2	-15.3	Peak	Horizontal
*	7213.5	48.1	-4.8	43.3	68.2	-24.9	Peak	Vertical
	9058.0	47.7	-2.2	45.5	74.0	-28.5	Peak	Vertical
	11540.0	47.2	-1.5	45.7	74.0	-28.3	Peak	Vertical
*	16317.0	45.0	5.6	50.6	68.2	-17.6	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-09-28	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
	8369.5	51.1	-3.4	47.7	74.0	-26.3	Peak	Horizontal
*	9806.0	48.8	-2.0	46.8	68.2	-21.4	Peak	Horizontal
	11157.5	48.7	-1.3	47.4	74.0	-26.6	Peak	Horizontal
*	17022.5	45.4	6.9	52.3	68.2	-15.9	Peak	Horizontal
*	8752.0	46.8	-2.0	44.8	68.2	-23.4	Peak	Vertical
	11157.5	47.2	-1.3	45.9	74.0	-28.1	Peak	Vertical
*	14175.0	45.3	3.7	49.0	68.2	-19.2	Peak	Vertical
	15773.0	45.3	4.9	50.2	74.0	-23.8	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-09-28	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
*	8548.0	52.5	-2.9	49.6	68.2	-18.6	Peak	Horizontal
*	9806.0	49.5	-2.0	47.5	68.2	-20.7	Peak	Horizontal
	11489.0	48.3	-1.6	46.7	74.0	-27.3	Peak	Horizontal
	15671.0	44.6	4.6	49.2	74.0	-24.8	Peak	Horizontal
	7451.5	48.6	-4.8	43.8	74.0	-30.2	Peak	Vertical
*	9959.0	47.9	-1.6	46.3	68.2	-21.9	Peak	Vertical
	11922.5	48.1	-1.8	46.3	74.0	-27.7	Peak	Vertical
*	16325.5	45.1	5.5	50.6	68.2	-17.6	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-09-28	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
*	8582.0	52.1	-3.0	49.1	68.2	-19.1	Peak	Horizontal
*	9806.0	49.5	-2.0	47.5	68.2	-20.7	Peak	Horizontal
	11438.0	48.7	-1.4	47.3	74.0	-26.7	Peak	Horizontal
	15509.5	45.6	4.1	49.7	74.0	-24.3	Peak	Horizontal
*	8582.0	49.7	-3.0	46.7	68.2	-21.5	Peak	Vertical
	11276.5	47.3	-1.8	45.5	74.0	-28.5	Peak	Vertical
*	13682.0	47.6	1.5	49.1	68.2	-19.1	Peak	Vertical
	15679.5	46.2	4.7	50.9	74.0	-23.1	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-09-28	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
*	8616.0	51.3	-2.6	48.7	68.2	-19.5	Peak	Horizontal
*	9806.0	48.7	-2.0	46.7	68.2	-21.5	Peak	Horizontal
	11489.0	48.9	-1.6	47.3	74.0	-26.7	Peak	Horizontal
	15688.0	44.4	4.8	49.2	74.0	-24.8	Peak	Horizontal
*	8871.0	48.7	-2.2	46.5	68.2	-21.7	Peak	Vertical
*	10299.0	48.1	-1.3	46.8	68.2	-21.4	Peak	Vertical
	12492.0	48.2	-1.2	47.0	74.0	-27.0	Peak	Vertical
	15679.5	45.5	4.7	50.2	74.0	-23.8	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-09-28	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
*	8675.5	50.6	-2.6	48.0	68.2	-20.2	Peak	Horizontal
*	9806.0	48.7	-2.0	46.7	68.2	-21.5	Peak	Horizontal
	11574.0	49.4	-2.0	47.4	74.0	-26.6	Peak	Horizontal
	15662.5	45.1	4.3	49.4	74.0	-24.6	Peak	Horizontal
*	8675.5	49.7	-2.6	47.1	68.2	-21.1	Peak	Vertical
*	10324.5	47.3	-1.2	46.1	68.2	-22.1	Peak	Vertical
	12492.0	47.0	-1.2	45.8	74.0	-28.2	Peak	Vertical
	15713.5	44.9	4.8	49.7	74.0	-24.3	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-09-28	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
	7443.0	48.2	-4.8	43.4	74.0	-30.6	Peak	Horizontal
*	8735.0	51.4	-2.1	49.3	68.2	-18.9	Peak	Horizontal
	11642.0	48.8	-1.7	47.1	74.0	-26.9	Peak	Horizontal
*	14056.0	47.5	3.0	50.5	68.2	-17.7	Peak	Horizontal
	7392.0	48.5	-5.0	43.5	74.0	-30.5	Peak	Vertical
*	8735.0	49.7	-2.1	47.6	68.2	-20.6	Peak	Vertical
	11914.0	47.4	-1.8	45.6	74.0	-28.4	Peak	Vertical
*	16393.5	45.1	5.8	50.9	68.2	-17.3	Peak	Vertical

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

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-24	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
	8301.5	40.0	10.9	50.9	74.0	-23.1	Peak	Horizontal
*	9806.0	37.7	13.8	51.5	68.2	-16.7	Peak	Horizontal
	11183.0	31.7	17.0	48.7	74.0	-25.3	Peak	Horizontal
*	13911.5	30.0	18.7	48.7	68.2	-19.5	Peak	Horizontal
*	10171.5	31.0	14.1	45.1	68.2	-23.1	Peak	Vertical
	11735.5	28.7	17.7	46.4	74.0	-27.6	Peak	Vertical
*	14464.0	31.5	20.2	51.7	68.2	-16.5	Peak	Vertical
	16070.5	32.5	17.9	50.4	74.0	-23.6	Peak	Vertical

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

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-24	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
	8369.5	40.6	11.1	51.7	74.0	-22.3	Peak	Horizontal
*	9806.0	37.9	13.8	51.7	68.2	-16.5	Peak	Horizontal
	11021.5	30.7	16.4	47.1	74.0	-26.9	Peak	Horizontal
*	13911.5	29.1	18.7	47.8	68.2	-20.4	Peak	Horizontal
*	9899.5	31.3	13.6	44.9	68.2	-23.3	Peak	Vertical
*	10120.5	30.8	14.1	44.9	68.2	-23.3	Peak	Vertical
	11565.5	31.6	17.8	49.4	74.0	-24.6	Peak	Vertical
	13852.0	29.8	19.0	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 (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-09-28	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
*	7902.0	51.4	-4.2	47.2	68.2	-21.0	Peak	Horizontal
*	9806.0	49.1	-2.0	47.1	68.2	-21.1	Peak	Horizontal
	11990.5	47.6	-1.8	45.8	74.0	-28.2	Peak	Horizontal
	15764.5	45.4	4.6	50.0	74.0	-24.0	Peak	Horizontal
	8242.0	47.8	-3.2	44.6	74.0	-29.4	Peak	Vertical
	11115.0	46.6	-1.5	45.1	74.0	-28.9	Peak	Vertical
*	13699.0	46.9	1.7	48.6	68.2	-19.6	Peak	Vertical
*	16376.5	45.9	5.7	51.6	68.2	-16.6	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-09-28	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
	8497.0	53.1	-2.9	50.2	74.0	-23.8	Peak	Horizontal
*	9806.0	49.5	-2.0	47.5	68.2	-20.7	Peak	Horizontal
	12118.0	47.0	-1.7	45.3	74.0	-28.7	Peak	Horizontal
*	16716.5	44.2	6.7	50.9	68.2	-17.3	Peak	Horizontal
*	7893.5	48.2	-4.2	44.0	68.2	-24.2	Peak	Vertical
	9024.0	47.2	-1.9	45.3	74.0	-28.7	Peak	Vertical
	11132.0	47.5	-1.4	46.1	74.0	-27.9	Peak	Vertical
*	17005.5	45.4	6.4	51.8	68.2	-16.4	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-09-28	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 (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8267.5	50.5	-3.3	47.2	74.0	-26.8	Peak	Horizontal
*	9806.0	49.4	-2.0	47.4	68.2	-20.8	Peak	Horizontal
	12024.5	49.5	-1.8	47.7	74.0	-26.3	Peak	Horizontal
*	17243.5	43.8	7.4	51.2	68.2	-17.0	Peak	Horizontal
*	7213.5	48.7	-4.8	43.9	68.2	-24.3	Peak	Vertical
	8403.5	48.1	-3.2	44.9	74.0	-29.1	Peak	Vertical
*	9755.0	47.1	-2.0	45.1	68.2	-23.1	Peak	Vertical
	12109.5	48.8	-1.8	47.0	74.0	-27.0	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-09-28	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
	8327.0	51.0	-3.4	47.6	74.0	-26.4	Peak	Horizontal
*	9806.0	49.4	-2.0	47.4	68.2	-20.8	Peak	Horizontal
	11922.5	48.3	-1.8	46.5	74.0	-27.5	Peak	Horizontal
*	16504.0	44.9	6.3	51.2	68.2	-17.0	Peak	Horizontal
	7349.5	50.1	-5.1	45.0	74.0	-29.0	Peak	Vertical
*	8743.5	46.9	-2.0	44.9	68.2	-23.3	Peak	Vertical
	11166.0	47.0	-1.3	45.7	74.0	-28.3	Peak	Vertical
*	16402.0	44.8	5.8	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 (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-09-28	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
*	8505.5	52.2	-3.0	49.2	68.2	-19.0	Peak	Horizontal
*	9806.0	49.7	-2.0	47.7	68.2	-20.5	Peak	Horizontal
	11336.0	51.0	-1.4	49.6	74.0	-24.4	Peak	Horizontal
	15662.5	45.7	4.3	50.0	74.0	-24.0	Peak	Horizontal
	7698.0	48.7	-4.1	44.6	74.0	-29.4	Peak	Vertical
*	9296.0	47.5	-1.8	45.7	68.2	-22.5	Peak	Vertical
	11234.0	47.4	-1.5	45.9	74.0	-28.1	Peak	Vertical
*	17609.0	45.1	7.9	53.0	68.2	-15.2	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-09-28	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
*	8565.0	50.6	-3.0	47.6	68.2	-20.6	Peak	Horizontal
*	9806.0	49.2	-2.0	47.2	68.2	-21.0	Peak	Horizontal
	11421.0	47.6	-1.5	46.1	74.0	-27.9	Peak	Horizontal
	15875.0	44.6	5.1	49.7	74.0	-24.3	Peak	Horizontal
*	8565.0	49.5	-3.0	46.5	68.2	-21.7	Peak	Vertical
	10945.0	47.1	-1.3	45.8	74.0	-28.2	Peak	Vertical
*	14056.0	45.6	3.0	48.6	68.2	-19.6	Peak	Vertical
	15773.0	44.9	4.9	49.8	74.0	-24.2	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-10-12	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
*	8633.0	50.1	-2.7	47.4	68.2	-20.8	Peak	Horizontal
	11497.5	49.5	-1.7	47.8	74.0	-26.2	Peak	Horizontal
*	14175.0	47.0	3.7	50.7	68.2	-17.5	Peak	Horizontal
	15866.5	45.8	4.8	50.6	74.0	-23.4	Peak	Horizontal
*	10129.0	47.7	-1.4	46.3	68.2	-21.9	Peak	Vertical
	11990.5	48.3	-1.8	46.5	74.0	-27.5	Peak	Vertical
*	14115.5	46.9	2.9	49.8	68.2	-18.4	Peak	Vertical
	15909.0	45.2	5.2	50.4	74.0	-23.6	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-10-12	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
	12211.5	49.4	-1.7	47.7	74.0	-26.3	Peak	Horizontal
*	14175.0	46.8	3.7	50.5	68.2	-17.7	Peak	Horizontal
	15773.0	45.3	4.9	50.2	74.0	-23.8	Peak	Horizontal
*	16920.5	46.5	6.8	53.3	68.2	-14.9	Peak	Horizontal
*	9950.5	47.5	-1.6	45.9	68.2	-22.3	Peak	Vertical
	11421.0	48.2	-1.5	46.7	74.0	-27.3	Peak	Vertical
*	14175.0	45.8	3.7	49.5	68.2	-18.7	Peak	Vertical
	15705.0	45.7	4.9	50.6	74.0	-23.4	Peak	Vertical

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

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-24	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
	8335.5	39.6	11.0	50.6	74.0	-23.4	Peak	Horizontal
*	9806.0	38.1	13.8	51.9	68.2	-16.3	Peak	Horizontal
	11531.5	30.0	17.3	47.3	74.0	-26.7	Peak	Horizontal
*	13911.5	29.3	18.7	48.0	68.2	-20.2	Peak	Horizontal
	8335.5	37.1	11.0	48.1	74.0	-25.9	Peak	Vertical
*	10265.0	30.9	14.6	45.5	68.2	-22.7	Peak	Vertical
	11174.5	30.5	17.0	47.5	74.0	-26.5	Peak	Vertical
*	13605.5	29.9	18.7	48.6	68.2	-19.6	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-10-12	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
*	10129.0	47.8	-1.4	46.4	68.2	-21.8	Peak	Horizontal
	11336.0	47.5	-1.4	46.1	74.0	-27.9	Peak	Horizontal
*	13911.5	46.8	2.5	49.3	68.2	-18.9	Peak	Horizontal
	15756.0	45.9	4.3	50.2	74.0	-23.8	Peak	Horizontal
*	9602.0	48.3	-2.0	46.3	68.2	-21.9	Peak	Vertical
	11812.0	49.0	-1.8	47.2	74.0	-26.8	Peak	Vertical
*	13903.0	47.7	2.5	50.2	68.2	-18.0	Peak	Vertical
	15900.5	45.9	5.1	51.0	74.0	-23.0	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-10-12	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
	8293.0	51.3	-3.2	48.1	74.0	-25.9	Peak	Horizontal
	11047.0	48.0	-1.4	46.6	74.0	-27.4	Peak	Horizontal
*	14175.0	45.8	3.7	49.5	68.2	-18.7	Peak	Horizontal
*	16801.5	45.3	6.6	51.9	68.2	-16.3	Peak	Horizontal
	11531.5	48.0	-1.5	46.5	74.0	-27.5	Peak	Vertical
*	14217.5	46.9	3.0	49.9	68.2	-18.3	Peak	Vertical
	15577.5	46.1	4.6	50.7	74.0	-23.3	Peak	Vertical
*	16937.5	45.5	6.8	52.3	68.2	-15.9	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-10-12	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 (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8412.0	51.7	-3.2	48.5	74.0	-25.5	Peak	Horizontal
*	10409.5	48.1	-1.4	46.7	68.2	-21.5	Peak	Horizontal
	11259.5	48.6	-1.7	46.9	74.0	-27.1	Peak	Horizontal
*	14175.0	47.6	3.7	51.3	68.2	-16.9	Peak	Horizontal
*	9857.0	47.5	-1.7	45.8	68.2	-22.4	Peak	Vertical
	11523.0	48.0	-1.5	46.5	74.0	-27.5	Peak	Vertical
*	14166.5	46.5	3.4	49.9	68.2	-18.3	Peak	Vertical
	15679.5	45.5	4.7	50.2	74.0	-23.8	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-10-12	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
*	8531.0	50.6	-3.0	47.6	68.2	-20.6	Peak	Horizontal
	12228.5	48.5	-1.7	46.8	74.0	-27.2	Peak	Horizontal
*	14183.5	46.7	3.2	49.9	68.2	-18.3	Peak	Horizontal
	15875.0	46.0	5.1	51.1	74.0	-22.9	Peak	Horizontal
*	9644.5	48.0	-2.1	45.9	68.2	-22.3	Peak	Vertical
	10987.5	48.7	-1.6	47.1	74.0	-26.9	Peak	Vertical
*	14073.0	47.0	2.9	49.9	68.2	-18.3	Peak	Vertical
	15824.0	47.0	4.5	51.5	74.0	-22.5	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-10-12	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
*	8658.5	50.3	-2.6	47.7	68.2	-20.5	Peak	Horizontal
	11004.5	48.3	-1.6	46.7	74.0	-27.3	Peak	Horizontal
*	14226.0	47.4	3.0	50.4	68.2	-17.8	Peak	Horizontal
	15824.0	46.3	4.5	50.8	74.0	-23.2	Peak	Horizontal
	8157.0	48.7	-3.4	45.3	74.0	-28.7	Peak	Vertical
	12109.5	48.5	-1.8	46.7	74.0	-27.3	Peak	Vertical
*	13988.0	48.0	2.6	50.6	68.2	-17.6	Peak	Vertical
*	16929.0	47.2	6.8	54.0	68.2	-14.2	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-10-12	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
	8403.5	51.2	-3.2	48.0	74.0	-26.0	Peak	Horizontal
	11013.0	48.2	-1.5	46.7	74.0	-27.3	Peak	Horizontal
*	14175.0	46.0	3.7	49.7	68.2	-18.5	Peak	Horizontal
*	16886.5	46.0	6.6	52.6	68.2	-15.6	Peak	Horizontal
*	9576.5	48.1	-1.9	46.2	68.2	-22.0	Peak	Vertical
	11514.5	48.4	-1.6	46.8	74.0	-27.2	Peak	Vertical
*	14166.5	46.5	3.4	49.9	68.2	-18.3	Peak	Vertical
	15841.0	47.0	4.3	51.3	74.0	-22.7	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-10-12	Test Mode	802.11ax-HE160 – 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
*	10095.0	47.7	-1.6	46.1	68.2	-22.1	Peak	Horizontal
	12262.5	48.9	-1.7	47.2	74.0	-26.8	Peak	Horizontal
*	14107.0	47.6	2.8	50.4	68.2	-17.8	Peak	Horizontal
	15705.0	45.8	4.9	50.7	74.0	-23.3	Peak	Horizontal
*	9942.0	48.0	-1.6	46.4	68.2	-21.8	Peak	Vertical
	11948.0	48.7	-1.6	47.1	74.0	-26.9	Peak	Vertical
*	14175.0	46.6	3.7	50.3	68.2	-17.9	Peak	Vertical
	15730.5	45.9	4.2	50.1	74.0	-23.9	Peak	Vertical

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

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

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

L23UGSR-5HaxD2HaxD-US + Sector Antenna:

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-24	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
	8284.5	37.3	11.1	48.4	74.0	-25.6	Peak	Horizontal
*	9806.0	35.5	13.8	49.3	68.2	-18.9	Peak	Horizontal
	11684.5	30.3	17.3	47.6	74.0	-26.4	Peak	Horizontal
*	14039.0	30.2	19.9	50.1	68.2	-18.1	Peak	Horizontal
*	9942.0	30.6	13.8	44.4	68.2	-23.8	Peak	Vertical
	11149.0	33.2	16.6	49.8	74.0	-24.2	Peak	Vertical
	11812.0	30.8	17.7	48.5	74.0	-25.5	Peak	Vertical
*	13852.0	30.5	19.0	49.5	68.2	-18.7	Peak	Vertical

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

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-24	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)	Detector	Polarization
	8352.5	38.2	11.1	49.3	74.0	-24.7	Peak	Horizontal
*	9806.0	37.3	13.8	51.1	68.2	-17.1	Peak	Horizontal
	11531.5	29.9	17.3	47.2	74.0	-26.8	Peak	Horizontal
*	13979.5	30.4	19.1	49.5	68.2	-18.8	Peak	Horizontal
*	10214.0	30.8	14.3	45.1	68.2	-23.1	Peak	Vertical
	11327.5	28.7	17.4	46.1	74.0	-27.9	Peak	Vertical
	11548.5	32.1	17.7	49.8	74.0	-24.2	Peak	Vertical
*	13665.0	30.7	18.6	49.3	68.2	-18.9	Peak	Vertical

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

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-24	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
	8386.5	38.3	11.2	49.5	74.0	-24.5	Peak	Horizontal
*	9806.0	36.5	13.8	50.3	68.2	-17.9	Peak	Horizontal
	11378.5	28.8	17.3	46.1	74.0	-27.8	Peak	Horizontal
*	13911.5	29.7	18.7	48.4	68.2	-19.8	Peak	Horizontal
*	10078.0	31.8	13.7	45.5	68.2	-22.7	Peak	Vertical
	10877.0	30.5	16.3	46.8	74.0	-27.2	Peak	Vertical
	11582.5	29.3	17.5	46.8	74.0	-27.2	Peak	Vertical
*	12747.0	30.7	17.0	47.7	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 (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-10-10	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
	8412.0	52.7	-3.2	49.5	74.0	-24.5	Peak	Horizontal
*	9806.0	50.8	-2.0	48.8	68.2	-19.4	Peak	Horizontal
*	10520.0	49.7	-1.3	48.4	68.2	-19.8	Peak	Horizontal
	11880.0	48.6	-1.8	46.8	74.0	-27.2	Peak	Horizontal
	8412.0	51.7	-3.2	48.5	74.0	-25.5	Peak	Vertical
*	9806.0	49.6	-2.0	47.6	68.2	-20.6	Peak	Vertical
	11625.0	47.7	-1.6	46.1	74.0	-27.9	Peak	Vertical
*	16903.5	45.8	6.8	52.6	68.2	-15.6	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-10-10	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
*	7953.0	54.0	-4.0	50.0	68.2	-18.2	Peak	Horizontal
*	9806.0	51.0	-2.0	49.0	68.2	-19.2	Peak	Horizontal
	11608.0	48.4	-1.6	46.8	74.0	-27.2	Peak	Horizontal
	15798.5	45.5	4.9	50.4	74.0	-23.6	Peak	Horizontal
*	9806.0	49.2	-2.0	47.2	68.2	-21.0	Peak	Vertical
	11684.5	48.0	-1.6	46.4	74.0	-27.6	Peak	Vertical
*	14056.0	46.8	3.0	49.8	68.2	-18.4	Peak	Vertical
	15688.0	45.6	4.8	50.4	74.0	-23.6	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-10-10	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
*	7978.5	54.5	-3.9	50.6	68.2	-17.6	Peak	Horizontal
*	9806.0	51.0	-2.0	49.0	68.2	-19.2	Peak	Horizontal
	10639.0	49.6	-1.7	47.9	74.0	-26.1	Peak	Horizontal
	12109.5	48.5	-1.8	46.7	74.0	-27.3	Peak	Horizontal
*	7978.5	50.7	-3.9	46.8	68.2	-21.4	Peak	Vertical
*	9806.0	48.8	-2.0	46.8	68.2	-21.4	Peak	Vertical
	11514.5	47.7	-1.6	46.1	74.0	-27.9	Peak	Vertical
	15781.5	45.7	5.0	50.7	74.0	-23.3	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-10-10	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
	8250.5	54.9	-3.2	51.7	74.0	-22.3	Peak	Horizontal
	10996.0	49.1	-1.7	47.4	74.0	-26.6	Peak	Horizontal
*	14166.5	46.6	3.4	50.0	68.2	-18.2	Peak	Horizontal
*	17031.0	45.0	7.1	52.1	68.2	-16.1	Peak	Horizontal
	8250.5	51.0	-3.2	47.8	74.0	-26.2	Peak	Vertical
*	9806.0	50.3	-2.0	48.3	68.2	-19.9	Peak	Vertical
	11531.5	47.9	-1.5	46.4	74.0	-27.6	Peak	Vertical
*	17269.0	45.8	7.4	53.2	68.2	-15.0	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-10-10	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
	8369.5	52.8	-3.4	49.4	74.0	-24.6	Peak	Horizontal
*	9806.0	50.1	-2.0	48.1	68.2	-20.1	Peak	Horizontal
	11157.5	52.4	-1.3	51.0	74.0	-23.0	Peak	Horizontal
*	16504.0	45.2	6.3	51.5	68.2	-16.7	Peak	Horizontal
	8369.5	51.1	-3.4	47.7	74.0	-26.3	Peak	Vertical
*	9806.0	50.5	-2.0	48.5	68.2	-19.7	Peak	Vertical
	12118.0	48.8	-1.7	47.1	74.0	-26.9	Peak	Vertical
*	17269.0	45.0	7.4	52.4	68.2	-15.8	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-10-10	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
*	8548.0	52.4	-2.9	49.5	68.2	-18.7	Peak	Horizontal
	11404.0	52.1	-1.6	50.5	74.0	-23.5	Peak	Horizontal
*	14166.5	47.0	3.4	50.4	68.2	-17.8	Peak	Horizontal
	15688.0	45.8	4.8	50.6	74.0	-23.4	Peak	Horizontal
*	8548.0	51.8	-2.9	48.9	68.2	-19.3	Peak	Vertical
*	9806.0	50.1	-2.0	48.1	68.2	-20.1	Peak	Vertical
	11820.5	48.8	-1.8	47.0	74.0	-27.0	Peak	Vertical
	15892.0	46.2	5.0	51.2	74.0	-22.8	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-10-10	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
	7358.0	49.2	-5.0	44.2	74.0	-29.8	Peak	Horizontal
*	8582.0	51.8	-3.0	48.8	68.2	-19.4	Peak	Horizontal
*	9806.0	50.1	-2.0	48.1	68.2	-20.1	Peak	Horizontal
	11438.0	52.3	-1.4	50.9	74.0	-23.1	Peak	Horizontal
*	8582.0	50.1	-3.0	47.1	68.2	-21.1	Peak	Vertical
*	9806.0	50.0	-2.0	48.0	68.2	-20.2	Peak	Vertical
	11455.0	48.2	-1.5	46.7	74.0	-27.3	Peak	Vertical
	15492.5	45.2	4.4	49.6	74.0	-24.4	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-10-10	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
*	8616.0	51.7	-2.6	49.1	68.2	-19.1	Peak	Horizontal
*	9806.0	50.9	-2.0	48.9	68.2	-19.3	Peak	Horizontal
	11489.0	50.6	-1.6	49.0	74.0	-25.0	Peak	Horizontal
	15926.0	45.8	5.1	50.9	74.0	-23.1	Peak	Horizontal
*	8616.0	50.0	-2.6	47.4	68.2	-20.8	Peak	Vertical
*	9806.0	49.8	-2.0	47.8	68.2	-20.4	Peak	Vertical
	11633.5	48.3	-1.7	46.6	74.0	-27.4	Peak	Vertical
	15475.5	45.4	4.5	49.9	74.0	-24.1	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-10-10	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
	7477.0	49.4	-4.6	44.8	74.0	-29.2	Peak	Horizontal
*	8675.5	52.2	-2.6	49.6	68.2	-18.6	Peak	Horizontal
*	9806.0	50.1	-2.0	48.1	68.2	-20.1	Peak	Horizontal
	11574.0	52.3	-2.0	50.3	74.0	-23.7	Peak	Horizontal
*	8675.5	50.3	-2.6	47.7	68.2	-20.5	Peak	Vertical
*	9806.0	51.2	-2.0	49.2	68.2	-19.0	Peak	Vertical
	12135.0	49.1	-1.7	47.4	74.0	-26.6	Peak	Vertical
	15484.0	46.4	4.5	50.9	74.0	-23.1	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-10-10	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
*	8735.0	52.3	-2.1	50.2	68.2	-18.0	Peak	Horizontal
*	9806.0	49.6	-2.0	47.6	68.2	-20.6	Peak	Horizontal
	11650.5	51.7	-1.7	50.0	74.0	-24.0	Peak	Horizontal
	15484.0	45.5	4.5	50.0	74.0	-24.0	Peak	Horizontal
*	8735.0	50.6	-2.1	48.5	68.2	-19.7	Peak	Vertical
*	9806.0	51.0	-2.0	49.0	68.2	-19.2	Peak	Vertical
	11633.5	48.6	-1.7	46.9	74.0	-27.1	Peak	Vertical
	15713.5	46.0	4.8	50.8	74.0	-23.2	Peak	Vertical

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

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-24	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
	8284.5	38.8	11.1	49.9	74.0	-24.1	Peak	Horizontal
*	9806.0	35.9	13.8	49.7	68.2	-18.4	Peak	Horizontal
	11429.5	30.4	17.3	47.7	74.0	-26.3	Peak	Horizontal
*	13911.5	29.7	18.7	48.4	68.2	-19.8	Peak	Horizontal
*	10078.0	31.5	13.7	45.2	68.2	-22.9	Peak	Vertical
	11506.0	30.9	17.4	48.3	74.0	-25.7	Peak	Vertical
	12058.5	29.3	17.0	46.3	74.0	-27.7	Peak	Vertical
*	13911.5	29.1	18.7	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 (dBμV/m) = Reading Level (dBμV) + 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	2023-11-24	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
	8352.5	37.8	11.1	48.9	74.0	-25.1	Peak	Horizontal
*	9806.0	36.4	13.8	50.2	68.2	-18.0	Peak	Horizontal
	11089.5	32.2	16.8	49.0	74.0	-25.1	Peak	Horizontal
*	14940.0	33.7	19.8	53.5	68.2	-14.8	Peak	Horizontal
*	9806.0	33.9	13.8	47.7	68.2	-20.4	Peak	Vertical
	10996.0	33.1	16.5	49.6	74.0	-24.4	Peak	Vertical
	11531.5	30.8	17.3	48.1	74.0	-25.9	Peak	Vertical
*	13792.5	29.7	18.8	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 (dBμV/m) = Reading Level (dBμV) + 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	2023-11-24	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
	8386.5	38.1	11.2	49.3	74.0	-24.7	Peak	Horizontal
*	9806.0	36.5	13.8	50.3	68.2	-17.9	Peak	Horizontal
	11174.5	29.3	17.0	46.3	74.0	-27.7	Peak	Horizontal
*	13792.5	30.8	18.8	49.6	68.2	-18.6	Peak	Horizontal
*	10078.0	30.6	13.7	44.3	68.2	-23.8	Peak	Vertical
	11174.5	29.7	17.0	46.7	74.0	-27.3	Peak	Vertical
	11633.5	28.8	17.7	46.5	74.0	-27.5	Peak	Vertical
*	13716.0	30.4	19.3	49.7	68.2	-18.5	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-10-10	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
	8412.0	52.8	-3.2	49.6	74.0	-24.4	Peak	Horizontal
*	10520.0	50.5	-1.3	49.2	68.2	-19.0	Peak	Horizontal
	11710.0	48.5	-1.6	46.9	74.0	-27.1	Peak	Horizontal
*	16784.5	45.9	6.1	52.0	68.2	-16.2	Peak	Horizontal
	8412.0	51.1	-3.2	47.9	74.0	-26.1	Peak	Vertical
*	9806.0	49.9	-2.0	47.9	68.2	-20.3	Peak	Vertical
	11650.5	48.3	-1.7	46.6	74.0	-27.4	Peak	Vertical
*	14166.5	46.7	3.4	50.1	68.2	-18.1	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-10-10	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
*	7953.0	53.3	-4.0	49.3	68.2	-18.9	Peak	Horizontal
*	10596.5	50.7	-1.2	49.5	68.2	-18.7	Peak	Horizontal
	12016.0	48.6	-1.8	46.8	74.0	-27.2	Peak	Horizontal
	15501.0	46.0	4.3	50.3	74.0	-23.7	Peak	Horizontal
*	7953.0	50.6	-4.0	46.6	68.2	-21.6	Peak	Vertical
*	9806.0	50.2	-2.0	48.2	68.2	-20.0	Peak	Vertical
	11531.5	48.6	-1.5	47.1	74.0	-26.9	Peak	Vertical
	15594.5	46.2	4.2	50.4	74.0	-23.6	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-10-10	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
*	7978.5	54.0	-3.9	50.1	68.2	-18.1	Peak	Horizontal
*	9806.0	49.2	-2.0	47.2	68.2	-21.0	Peak	Horizontal
	10639.0	49.7	-1.7	48.0	74.0	-26.0	Peak	Horizontal
	15688.0	45.7	4.8	50.5	74.0	-23.5	Peak	Horizontal
*	7978.5	52.1	-3.9	48.2	68.2	-20.0	Peak	Vertical
*	9806.0	50.6	-2.0	48.6	68.2	-19.6	Peak	Vertical
	11378.5	48.8	-1.8	47.0	74.0	-27.0	Peak	Vertical
	15475.5	46.3	4.5	50.8	74.0	-23.2	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-10-10	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
	8250.5	55.1	-3.2	51.8	74.0	-22.2	Peak	Horizontal
*	9806.0	50.9	-2.0	48.9	68.2	-19.3	Peak	Horizontal
	12305.0	48.7	-1.4	47.3	74.0	-26.7	Peak	Horizontal
*	16529.5	45.8	6.2	52.0	68.2	-16.2	Peak	Horizontal
	8250.5	51.5	-3.2	48.3	74.0	-25.7	Peak	Vertical
*	9806.0	50.1	-2.0	48.1	68.2	-20.1	Peak	Vertical
	11616.5	48.6	-1.6	47.0	74.0	-27.0	Peak	Vertical
*	17005.5	46.1	6.4	52.5	68.2	-15.7	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-10-10	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
	8369.5	53.5	-3.4	50.1	74.0	-23.9	Peak	Horizontal
*	9806.0	49.4	-2.0	47.4	68.2	-20.8	Peak	Horizontal
	11157.5	51.1	-1.3	49.8	74.0	-24.2	Peak	Horizontal
*	16810.0	45.2	6.9	52.1	68.2	-16.1	Peak	Horizontal
	8369.5	51.8	-3.4	48.4	74.0	-25.6	Peak	Vertical
*	9806.0	51.6	-2.0	49.6	68.2	-18.6	Peak	Vertical
	11812.0	48.9	-1.8	47.1	74.0	-26.9	Peak	Vertical
*	13767.0	47.2	2.1	49.3	68.2	-18.9	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-10-10	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
*	8548.0	52.1	-2.9	49.2	68.2	-19.0	Peak	Horizontal
*	9806.0	49.5	-2.0	47.5	68.2	-20.7	Peak	Horizontal
	11404.0	51.7	-1.6	50.1	74.0	-23.9	Peak	Horizontal
	15679.5	45.3	4.7	50.0	74.0	-24.0	Peak	Horizontal
	7485.5	49.1	-4.6	44.5	74.0	-29.5	Peak	Vertical
*	9806.0	50.2	-2.0	48.2	68.2	-20.0	Peak	Vertical
	11361.5	48.1	-1.6	46.5	74.0	-27.5	Peak	Vertical
*	16920.5	46.5	6.8	53.3	68.2	-14.9	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-10-10	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
*	8582.0	52.4	-3.0	49.4	68.2	-18.8	Peak	Horizontal
*	9806.0	50.1	-2.0	48.1	68.2	-20.1	Peak	Horizontal
	11438.0	52.7	-1.4	51.3	74.0	-22.7	Peak	Horizontal
	15696.5	45.9	4.9	50.8	74.0	-23.2	Peak	Horizontal
*	8582.0	50.5	-3.0	47.5	68.2	-20.7	Peak	Vertical
*	9806.0	51.0	-2.0	49.0	68.2	-19.2	Peak	Vertical
	11633.5	48.4	-1.7	46.7	74.0	-27.3	Peak	Vertical
	15713.5	45.7	4.8	50.5	74.0	-23.5	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-10-10	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
*	8616.0	52.2	-2.6	49.6	68.2	-18.6	Peak	Horizontal
*	9806.0	50.6	-2.0	48.6	68.2	-19.6	Peak	Horizontal
	11489.0	51.9	-1.6	50.3	74.0	-23.7	Peak	Horizontal
	15696.5	45.4	4.9	50.3	74.0	-23.7	Peak	Horizontal
*	8616.0	51.2	-2.6	48.6	68.2	-19.6	Peak	Vertical
*	9806.0	50.7	-2.0	48.7	68.2	-19.5	Peak	Vertical
	11514.5	48.3	-1.6	46.7	74.0	-27.3	Peak	Vertical
	15475.5	45.3	4.5	49.8	74.0	-24.2	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-10-10	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
*	8675.5	53.1	-2.6	50.5	68.2	-17.7	Peak	Horizontal
*	9806.0	49.6	-2.0	47.6	68.2	-20.6	Peak	Horizontal
	11574.0	51.4	-2.0	49.4	74.0	-24.6	Peak	Horizontal
	15492.5	45.8	4.4	50.2	74.0	-23.8	Peak	Horizontal
*	9806.0	51.1	-2.0	49.1	68.2	-19.1	Peak	Vertical
	11429.5	47.6	-1.5	46.1	74.0	-27.9	Peak	Vertical
*	14175.0	47.0	3.7	50.7	68.2	-17.5	Peak	Vertical
	15492.5	45.7	4.4	50.1	74.0	-23.9	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-10-10	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
*	8735.0	52.4	-2.1	50.3	68.2	-17.9	Peak	Horizontal
*	9806.0	49.8	-2.0	47.8	68.2	-20.4	Peak	Horizontal
	11650.5	52.0	-1.7	50.3	74.0	-23.7	Peak	Horizontal
	15679.5	45.4	4.7	50.1	74.0	-23.9	Peak	Horizontal
*	8735.0	50.9	-2.1	48.8	68.2	-19.4	Peak	Vertical
*	9806.0	49.8	-2.0	47.8	68.2	-20.4	Peak	Vertical
	11616.5	48.8	-1.6	47.2	74.0	-26.8	Peak	Vertical
	15679.5	45.9	4.7	50.6	74.0	-23.4	Peak	Vertical

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

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-24	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
	8301.5	38.8	10.9	49.7	74.0	-24.2	Peak	Horizontal
*	9806.0	37.7	13.8	51.5	68.2	-16.7	Peak	Horizontal
	11480.5	30.2	17.6	47.8	74.0	-26.2	Peak	Horizontal
*	14098.5	31.7	19.8	51.5	68.2	-16.7	Peak	Horizontal
*	9993.0	30.6	13.7	44.3	68.2	-23.9	Peak	Vertical
	11565.5	31.4	17.8	49.2	74.0	-24.9	Peak	Vertical
	12177.5	31.5	17.7	49.2	74.0	-24.9	Peak	Vertical
*	13852.0	30.5	19.0	49.5	68.2	-18.7	Peak	Vertical

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

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-24	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
	8369.5	38.1	11.1	49.2	74.0	-24.8	Peak	Horizontal
*	9806.0	35.9	13.8	49.7	68.2	-18.5	Peak	Horizontal
	11531.5	29.9	17.3	47.2	74.0	-26.8	Peak	Horizontal
*	14039.0	30.5	19.9	50.4	68.2	-17.8	Peak	Horizontal
*	9806.0	34.9	13.8	48.7	68.2	-19.5	Peak	Vertical
	11123.5	30.3	16.4	46.7	74.0	-27.3	Peak	Vertical
	11591.0	31.3	17.3	48.6	74.0	-25.4	Peak	Vertical
*	13665.0	31.0	18.6	49.6	68.2	-18.6	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-10-10	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
*	7902.0	53.1	-4.2	48.9	68.2	-19.3	Peak	Horizontal
*	9806.0	50.2	-2.0	48.2	68.2	-20.0	Peak	Horizontal
	11718.5	48.6	-1.7	46.9	74.0	-27.1	Peak	Horizontal
	15875.0	45.7	5.1	50.8	74.0	-23.2	Peak	Horizontal
*	9806.0	51.4	-2.0	49.4	68.2	-18.8	Peak	Vertical
	12177.5	49.8	-1.6	48.2	74.0	-25.8	Peak	Vertical
*	14166.5	47.4	3.4	50.8	68.2	-17.4	Peak	Vertical
	15679.5	46.1	4.7	50.8	74.0	-23.2	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-10-10	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
	8497.0	52.3	-2.9	49.4	74.0	-24.6	Peak	Horizontal
*	9806.0	51.0	-2.0	49.0	68.2	-19.2	Peak	Horizontal
	11633.5	49.5	-1.7	47.8	74.0	-26.2	Peak	Horizontal
*	16920.5	45.6	6.8	52.4	68.2	-15.8	Peak	Horizontal
	8497.0	49.6	-2.9	46.7	74.0	-27.3	Peak	Vertical
*	9806.0	51.1	-2.0	49.1	68.2	-19.1	Peak	Vertical
	11548.5	48.6	-1.7	46.9	74.0	-27.1	Peak	Vertical
*	16946.0	45.9	6.8	52.7	68.2	-15.5	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-10-10	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
	8267.5	54.5	-3.3	51.2	74.0	-22.8	Peak	Horizontal
*	9806.0	50.7	-2.0	48.7	68.2	-19.5	Peak	Horizontal
	11021.5	49.4	-1.4	48.0	74.0	-26.0	Peak	Horizontal
*	16308.5	46.3	5.6	51.9	68.2	-16.3	Peak	Horizontal
	8267.5	50.6	-3.3	47.3	74.0	-26.7	Peak	Vertical
*	9806.0	50.0	-2.0	48.0	68.2	-20.2	Peak	Vertical
	11548.5	48.9	-1.7	47.2	74.0	-26.8	Peak	Vertical
*	16903.5	45.6	6.8	52.4	68.2	-15.8	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-10-10	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
	8327.0	53.8	-3.4	50.4	74.0	-23.6	Peak	Horizontal
*	9806.0	49.7	-2.0	47.7	68.2	-20.5	Peak	Horizontal
	11098.0	51.8	-1.7	50.1	74.0	-23.9	Peak	Horizontal
*	16742.0	45.2	6.9	52.1	68.2	-16.1	Peak	Horizontal
	8327.0	51.4	-3.4	48.0	74.0	-26.0	Peak	Vertical
*	9806.0	50.3	-2.0	48.3	68.2	-19.9	Peak	Vertical
	11676.0	48.5	-1.7	46.8	74.0	-27.2	Peak	Vertical
*	16453.0	46.0	5.7	51.7	68.2	-16.5	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-10-10	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
*	8505.5	53.0	-3.0	50.0	68.2	-18.2	Peak	Horizontal
*	9806.0	50.2	-2.0	48.2	68.2	-20.0	Peak	Horizontal
	11336.0	52.3	-1.4	50.9	74.0	-23.1	Peak	Horizontal
	15756.0	46.5	4.3	50.8	74.0	-23.2	Peak	Horizontal
	7511.0	48.5	-4.5	44.0	74.0	-30.0	Peak	Vertical
*	8505.5	50.6	-3.0	47.6	68.2	-20.6	Peak	Vertical
*	9806.0	50.4	-2.0	48.4	68.2	-19.8	Peak	Vertical
	11625.0	48.5	-1.6	46.9	74.0	-27.1	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-10-10	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
*	8565.0	51.6	-3.0	48.6	68.2	-19.6	Peak	Horizontal
*	9806.0	50.7	-2.0	48.7	68.2	-19.5	Peak	Horizontal
	11421.0	52.4	-1.5	50.9	74.0	-23.1	Peak	Horizontal
	15679.5	45.8	4.7	50.5	74.0	-23.5	Peak	Horizontal
*	8565.0	50.7	-3.0	47.7	68.2	-20.5	Peak	Vertical
*	9806.0	50.7	-2.0	48.7	68.2	-19.5	Peak	Vertical
	11523.0	48.2	-1.5	46.7	74.0	-27.3	Peak	Vertical
	15688.0	45.8	4.8	50.6	74.0	-23.4	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-10-10	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
*	8633.0	52.3	-2.7	49.6	68.2	-18.6	Peak	Horizontal
*	9806.0	49.7	-2.0	47.7	68.2	-20.5	Peak	Horizontal
	11506.0	52.3	-1.7	50.6	74.0	-23.4	Peak	Horizontal
	15909.0	45.2	5.2	50.4	74.0	-23.6	Peak	Horizontal
*	8633.0	50.8	-2.7	48.1	68.2	-20.1	Peak	Vertical
*	9806.0	50.6	-2.0	48.6	68.2	-19.6	Peak	Vertical
	11166.0	48.7	-1.3	47.4	74.0	-26.6	Peak	Vertical
	15705.0	45.5	4.9	50.4	74.0	-23.6	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-10-10	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
*	8692.5	52.2	-2.5	49.7	68.2	-18.5	Peak	Horizontal
*	9806.0	50.9	-2.0	48.9	68.2	-19.3	Peak	Horizontal
	11591.0	51.4	-1.7	49.7	74.0	-24.3	Peak	Horizontal
	15671.0	46.0	4.6	50.6	74.0	-23.4	Peak	Horizontal
*	8692.5	50.6	-2.5	48.1	68.2	-20.1	Peak	Vertical
*	9806.0	50.1	-2.0	48.1	68.2	-20.1	Peak	Vertical
	11803.5	49.1	-1.9	47.2	74.0	-26.8	Peak	Vertical
	15671.0	46.1	4.6	50.7	74.0	-23.3	Peak	Vertical

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

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-24	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
	8335.5	38.0	11.0	49.0	74.0	-25.0	Peak	Horizontal
*	9806.0	36.7	13.8	50.5	68.2	-17.7	Peak	Horizontal
	11446.5	31.1	17.3	48.4	74.0	-25.6	Peak	Horizontal
*	13673.5	32.0	18.5	50.5	68.2	-17.7	Peak	Horizontal
*	9899.5	31.5	13.6	45.1	68.2	-23.1	Peak	Vertical
	11633.5	30.5	17.7	48.2	74.0	-25.8	Peak	Vertical
	12288.0	31.2	17.6	48.8	74.0	-25.3	Peak	Vertical
*	13792.5	30.0	18.8	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 (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-10-10	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
*	7936.0	54.1	-3.9	50.2	68.2	-18.0	Peak	Horizontal
*	9806.0	49.9	-2.0	47.9	68.2	-20.3	Peak	Horizontal
	11914.0	48.4	-1.8	46.6	74.0	-27.4	Peak	Horizontal
	15662.5	46.4	4.3	50.7	74.0	-23.3	Peak	Horizontal
*	9806.0	51.6	-2.0	49.6	68.2	-18.6	Peak	Vertical
	11429.5	47.9	-1.5	46.4	74.0	-27.6	Peak	Vertical
*	13605.5	47.6	1.0	48.6	68.2	-19.6	Peak	Vertical
	15926.0	45.9	5.1	51.0	74.0	-23.0	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-10-10	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
	8293.0	54.4	-3.2	51.1	74.0	-22.9	Peak	Horizontal
*	9806.0	51.0	-2.0	49.0	68.2	-19.2	Peak	Horizontal
	11064.0	50.5	-1.6	48.9	74.0	-25.1	Peak	Horizontal
*	16495.5	45.5	6.2	51.7	68.2	-16.5	Peak	Horizontal
	8293.0	51.5	-3.2	48.3	74.0	-25.7	Peak	Vertical
*	9806.0	51.0	-2.0	49.0	68.2	-19.2	Peak	Vertical
	11497.5	48.3	-1.7	46.6	74.0	-27.4	Peak	Vertical
*	16903.5	45.5	6.8	52.3	68.2	-15.9	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-10-10	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
	8412.0	52.9	-3.2	49.7	74.0	-24.3	Peak	Horizontal
*	9806.0	50.2	-2.0	48.2	68.2	-20.0	Peak	Horizontal
	11217.0	51.8	-1.6	50.2	74.0	-23.8	Peak	Horizontal
*	17039.5	45.5	6.9	52.4	68.2	-15.8	Peak	Horizontal
	8412.0	51.9	-3.2	48.7	74.0	-25.3	Peak	Vertical
*	9806.0	50.5	-2.0	48.5	68.2	-19.7	Peak	Vertical
	11829.0	48.7	-1.8	46.9	74.0	-27.1	Peak	Vertical
*	16801.5	45.9	6.6	52.5	68.2	-15.7	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-10-10	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
*	8531.0	53.2	-3.0	50.2	68.2	-18.0	Peak	Horizontal
*	9806.0	50.5	-2.0	48.5	68.2	-19.7	Peak	Horizontal
	11378.5	51.3	-1.8	49.5	74.0	-24.5	Peak	Horizontal
	15390.5	46.9	3.8	50.7	74.0	-23.3	Peak	Horizontal
*	8531.0	51.1	-3.0	48.1	68.2	-20.1	Peak	Vertical
*	9806.0	51.9	-2.0	49.9	68.2	-18.3	Peak	Vertical
	11812.0	49.0	-1.8	47.2	74.0	-26.8	Peak	Vertical
	15501.0	45.9	4.3	50.2	74.0	-23.8	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-10-10	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
*	8658.5	53.0	-2.6	50.4	68.2	-17.8	Peak	Horizontal
*	9806.0	49.9	-2.0	47.9	68.2	-20.3	Peak	Horizontal
	11548.5	52.8	-1.7	51.1	74.0	-22.9	Peak	Horizontal
	15671.0	45.9	4.6	50.5	74.0	-23.5	Peak	Horizontal
*	8658.5	51.2	-2.6	48.6	68.2	-19.6	Peak	Vertical
*	9806.0	50.9	-2.0	48.9	68.2	-19.3	Peak	Vertical
	11438.0	48.5	-1.4	47.1	74.0	-26.9	Peak	Vertical
	15705.0	45.3	4.9	50.2	74.0	-23.8	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-10-10	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
	8403.5	52.5	-3.2	49.3	74.0	-24.7	Peak	Horizontal
*	9806.0	50.4	-2.0	48.4	68.2	-19.8	Peak	Horizontal
*	10503.0	49.0	-1.3	47.7	68.2	-20.5	Peak	Horizontal
	11752.5	48.6	-1.8	46.8	74.0	-27.2	Peak	Horizontal
	8403.5	50.0	-3.2	46.8	74.0	-27.2	Peak	Vertical
*	9806.0	51.0	-2.0	49.0	68.2	-19.2	Peak	Vertical
	11701.5	48.0	-1.6	46.4	74.0	-27.6	Peak	Vertical
*	16742.0	45.7	6.9	52.6	68.2	-15.6	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-10-10	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
	8352.5	52.9	-3.4	49.5	74.0	-24.5	Peak	Horizontal
*	9806.0	49.5	-2.0	47.5	68.2	-20.7	Peak	Horizontal
	11140.5	53.2	-1.4	51.8	74.0	-22.2	Peak	Horizontal
*	16385.0	45.7	5.8	51.5	68.2	-16.7	Peak	Horizontal
	8352.5	50.0	-3.4	46.6	74.0	-27.4	Peak	Vertical
*	9806.0	52.0	-2.0	50.0	68.2	-18.2	Peak	Vertical
	12237.0	48.9	-1.8	47.1	74.0	-26.9	Peak	Vertical
*	16920.5	46.6	6.8	53.4	68.2	-14.8	Peak	Vertical

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

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-24	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
	8284.5	38.8	11.1	49.9	74.0	-24.2	Peak	Horizontal
*	9806.0	36.6	13.8	50.4	68.2	-17.8	Peak	Horizontal
	11480.5	30.2	17.6	47.8	74.0	-26.2	Peak	Horizontal
*	14829.5	33.0	19.7	52.7	68.2	-15.5	Peak	Horizontal
*	10214.0	30.4	14.3	44.7	68.2	-23.6	Peak	Vertical
	11463.5	31.2	17.5	48.7	74.0	-25.3	Peak	Vertical
	12007.5	29.0	17.0	46.0	74.0	-28.1	Peak	Vertical
*	13733.0	29.5	18.9	48.4	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 (dBμV/m) = Reading Level (dBμV) + 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	2023-11-24	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
	8352.5	37.6	11.1	48.7	74.0	-25.3	Peak	Horizontal
*	9806.0	35.9	13.8	49.7	68.2	-18.5	Peak	Horizontal
	12296.5	31.3	17.6	48.9	74.0	-25.1	Peak	Horizontal
*	13979.5	29.5	19.1	48.6	68.2	-19.6	Peak	Horizontal
*	9806.0	35.9	13.8	49.7	68.2	-18.5	Peak	Vertical
*	10443.5	33.8	15.5	49.3	68.2	-18.9	Peak	Vertical
	11897.0	31.8	17.4	49.2	74.0	-24.8	Peak	Vertical
	12330.5	30.0	17.0	47.0	74.0	-27.0	Peak	Vertical

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

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-24	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
	8386.5	38.0	11.2	49.2	74.0	-24.8	Peak	Horizontal
*	9806.0	36.5	13.8	50.3	68.2	-17.9	Peak	Horizontal
	11455.0	31.1	17.4	48.5	74.0	-25.5	Peak	Horizontal
*	13129.5	30.3	17.9	48.2	68.2	-20.0	Peak	Horizontal
*	9806.0	34.7	13.8	48.5	68.2	-19.7	Peak	Vertical
	11021.5	29.6	16.4	46.0	74.0	-28.1	Peak	Vertical
	11489.0	31.4	17.7	49.1	74.0	-24.9	Peak	Vertical
*	13665.0	30.4	18.6	49.0	68.2	-19.2	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-10-10	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
	8412.0	54.2	-3.2	51.0	74.0	-23.0	Peak	Horizontal
*	9806.0	49.8	-2.0	47.8	68.2	-20.4	Peak	Horizontal
	12313.5	48.6	-1.4	47.2	74.0	-26.8	Peak	Horizontal
*	16886.5	46.1	6.6	52.7	68.2	-15.5	Peak	Horizontal
	8412.0	51.5	-3.2	48.3	74.0	-25.7	Peak	Vertical
*	9806.0	50.3	-2.0	48.3	68.2	-19.9	Peak	Vertical
	11472.0	48.5	-1.6	46.9	74.0	-27.1	Peak	Vertical
*	14175.0	47.4	3.7	51.1	68.2	-17.1	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-10-10	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
*	7953.0	53.6	-4.0	49.6	68.2	-18.6	Peak	Horizontal
*	10596.5	49.7	-1.2	48.5	68.2	-19.7	Peak	Horizontal
	11701.5	48.9	-1.6	47.3	74.0	-26.7	Peak	Horizontal
	15475.5	45.3	4.5	49.8	74.0	-24.2	Peak	Horizontal
*	7953.0	51.0	-4.0	47.0	68.2	-21.2	Peak	Vertical
*	9806.0	51.8	-2.0	49.8	68.2	-18.4	Peak	Vertical
	11701.5	48.3	-1.6	46.7	74.0	-27.3	Peak	Vertical
	15671.0	45.3	4.6	49.9	74.0	-24.1	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-10-10	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
*	7978.5	52.6	-3.9	48.7	68.2	-19.5	Peak	Horizontal
*	9806.0	49.5	-2.0	47.5	68.2	-20.7	Peak	Horizontal
	11710.0	48.0	-1.6	46.4	74.0	-27.6	Peak	Horizontal
	15475.5	45.5	4.5	50.0	74.0	-24.0	Peak	Horizontal
*	7978.5	50.4	-3.9	46.5	68.2	-21.7	Peak	Vertical
*	9806.0	50.8	-2.0	48.8	68.2	-19.4	Peak	Vertical
	11973.5	48.8	-1.8	47.0	74.0	-27.0	Peak	Vertical
	15722.0	46.2	4.6	50.8	74.0	-23.2	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-10-10	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
	8250.5	54.8	-3.2	51.6	74.0	-22.4	Peak	Horizontal
*	9806.0	50.1	-2.0	48.1	68.2	-20.1	Peak	Horizontal
	10996.0	49.2	-1.7	47.5	74.0	-26.5	Peak	Horizontal
*	16895.0	46.4	6.8	53.2	68.2	-15.0	Peak	Horizontal
	8250.5	50.7	-3.2	47.5	74.0	-26.5	Peak	Vertical
*	9806.0	50.6	-2.0	48.6	68.2	-19.6	Peak	Vertical
	11642.0	48.4	-1.7	46.7	74.0	-27.3	Peak	Vertical
*	17269.0	45.8	7.4	53.2	68.2	-15.0	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-10-10	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
	8369.5	53.2	-3.4	49.8	74.0	-24.2	Peak	Horizontal
*	9806.0	50.0	-2.0	48.0	68.2	-20.2	Peak	Horizontal
	11157.5	52.6	-1.3	51.3	74.0	-22.7	Peak	Horizontal
*	16334.0	46.4	5.5	51.9	68.2	-16.3	Peak	Horizontal
	8369.5	51.5	-3.4	48.1	74.0	-25.9	Peak	Vertical
*	9806.0	51.6	-2.0	49.6	68.2	-18.6	Peak	Vertical
	12203.0	48.5	-1.6	46.9	74.0	-27.1	Peak	Vertical
*	16903.5	46.3	6.8	53.1	68.2	-15.1	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-10-10	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
*	8548.0	52.9	-2.9	50.0	68.2	-18.2	Peak	Horizontal
*	9806.0	51.0	-2.0	49.0	68.2	-19.2	Peak	Horizontal
	11404.0	52.2	-1.6	50.6	74.0	-23.4	Peak	Horizontal
	15875.0	45.4	5.1	50.5	74.0	-23.5	Peak	Horizontal
*	8548.0	50.8	-2.9	47.9	68.2	-20.3	Peak	Vertical
*	9806.0	51.6	-2.0	49.6	68.2	-18.6	Peak	Vertical
	11523.0	48.2	-1.5	46.7	74.0	-27.3	Peak	Vertical
	15645.5	46.6	4.0	50.6	74.0	-23.4	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-10-10	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
*	8582.0	52.8	-3.0	49.8	68.2	-18.4	Peak	Horizontal
*	9806.0	50.0	-2.0	48.0	68.2	-20.2	Peak	Horizontal
	11438.0	53.3	-1.4	51.8	74.0	-22.2	Peak	Horizontal
	15679.5	45.9	4.7	50.6	74.0	-23.4	Peak	Horizontal
*	8582.0	51.1	-3.0	48.1	68.2	-20.1	Peak	Vertical
*	9806.0	51.4	-2.0	49.4	68.2	-18.8	Peak	Vertical
	11540.0	48.1	-1.5	46.6	74.0	-27.4	Peak	Vertical
	15773.0	45.3	4.9	50.2	74.0	-23.8	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-10-11	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
*	8616.0	52.8	-2.6	50.2	68.2	-18.0	Peak	Horizontal
*	9806.0	50.6	-2.0	48.6	68.2	-19.6	Peak	Horizontal
	11489.0	50.9	-1.6	49.3	74.0	-24.7	Peak	Horizontal
	15569.0	45.1	4.6	49.7	74.0	-24.3	Peak	Horizontal
*	8616.0	50.4	-2.6	47.8	68.2	-20.4	Peak	Vertical
*	9806.0	51.1	-2.0	49.1	68.2	-19.1	Peak	Vertical
	11727.0	48.2	-1.7	46.5	74.0	-27.5	Peak	Vertical
	15679.5	44.3	4.7	49.0	74.0	-25.0	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-10-11	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
*	8675.5	51.7	-2.6	49.1	68.2	-19.1	Peak	Horizontal
*	9806.0	49.9	-2.0	47.9	68.2	-20.3	Peak	Horizontal
	11574.0	52.2	-2.0	50.2	74.0	-23.8	Peak	Horizontal
	15586.0	45.6	4.5	50.1	74.0	-23.9	Peak	Horizontal
	7621.5	47.9	-4.3	43.6	74.0	-30.4	Peak	Vertical
*	8675.5	49.2	-2.6	46.6	68.2	-21.6	Peak	Vertical
*	9806.0	50.7	-2.0	48.7	68.2	-19.5	Peak	Vertical
	15671.0	45.9	4.6	50.5	74.0	-23.5	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-10-11	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
*	8735.0	52.5	-2.1	50.4	68.2	-17.8	Peak	Horizontal
*	9806.0	49.7	-2.0	47.7	68.2	-20.5	Peak	Horizontal
	11650.5	50.7	-1.7	49.0	74.0	-25.0	Peak	Horizontal
	15790.0	45.6	5.0	50.6	74.0	-23.4	Peak	Horizontal
*	8735.0	51.0	-2.1	48.9	68.2	-19.3	Peak	Vertical
*	9806.0	50.8	-2.0	48.8	68.2	-19.4	Peak	Vertical
	11455.0	47.3	-1.5	45.8	74.0	-28.2	Peak	Vertical
	15501.0	45.8	4.3	50.1	74.0	-23.9	Peak	Vertical

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

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-24	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
	8301.5	38.7	10.9	49.6	74.0	-24.4	Peak	Horizontal
*	9806.0	37.2	13.8	51.0	68.2	-17.2	Peak	Horizontal
	11480.5	30.2	17.6	47.8	74.0	-26.2	Peak	Horizontal
*	14107.0	30.3	19.9	50.2	68.2	-18.0	Peak	Horizontal
*	10171.5	31.1	14.1	45.2	68.2	-23.1	Peak	Vertical
	11557.0	31.4	17.9	49.3	74.0	-24.8	Peak	Vertical
	12330.5	31.8	17.0	48.8	74.0	-25.2	Peak	Vertical
*	13716.0	31.6	19.3	50.9	68.2	-17.2	Peak	Vertical

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

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-24	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
	8352.500	38.0	11.1	49.1	74.0	-24.9	Peak	Horizontal
*	9806.000	36.7	13.8	50.5	68.2	-17.7	Peak	Horizontal
	11191.500	31.4	16.9	48.3	74.0	-25.7	Peak	Horizontal
*	13911.500	29.8	18.7	48.5	68.2	-19.7	Peak	Horizontal
*	9806.000	35.6	13.8	49.4	68.2	-18.8	Peak	Vertical
	11480.500	31.3	17.6	48.9	74.0	-25.1	Peak	Vertical
	12109.500	30.5	17.0	47.5	74.0	-26.6	Peak	Vertical
*	13665.000	29.8	18.6	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 (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-10-11	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
*	7902.0	52.1	-4.2	47.9	68.2	-20.3	Peak	Horizontal
*	10537.0	49.1	-1.4	47.7	68.2	-20.5	Peak	Horizontal
	12296.5	47.6	-1.5	46.1	74.0	-27.9	Peak	Horizontal
	15671.0	45.8	4.6	50.4	74.0	-23.6	Peak	Horizontal
	7426.0	48.9	-4.8	44.1	74.0	-29.9	Peak	Vertical
*	9806.0	50.3	-2.0	48.3	68.2	-19.9	Peak	Vertical
	11438.0	47.5	-1.4	46.1	74.0	-27.9	Peak	Vertical
*	14141.0	46.9	2.9	49.8	68.2	-18.4	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-10-11	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
	8497.0	52.0	-2.9	49.1	74.0	-24.9	Peak	Horizontal
*	9806.0	50.1	-2.0	48.1	68.2	-20.1	Peak	Horizontal
	10622.0	49.6	-1.4	48.2	74.0	-25.8	Peak	Horizontal
*	16827.0	45.2	6.6	51.8	68.2	-16.4	Peak	Horizontal
	8497.0	50.2	-2.9	47.3	74.0	-26.7	Peak	Vertical
*	9806.0	50.8	-2.0	48.8	68.2	-19.4	Peak	Vertical
	11633.5	47.6	-1.7	45.9	74.0	-28.1	Peak	Vertical
*	16818.5	45.6	6.7	52.3	68.2	-15.9	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-10-11	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 (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8267.5	54.1	-3.3	50.8	74.0	-23.2	Peak	Horizontal
*	9806.0	50.6	-2.0	48.6	68.2	-19.6	Peak	Horizontal
	11021.5	48.7	-1.4	47.3	74.0	-26.7	Peak	Horizontal
*	16308.5	45.4	5.6	51.0	68.2	-17.2	Peak	Horizontal
	8267.5	51.5	-3.3	48.2	74.0	-25.8	Peak	Vertical
*	9806.0	50.5	-2.0	48.5	68.2	-19.7	Peak	Vertical
	11557.0	48.0	-1.9	46.1	74.0	-27.9	Peak	Vertical
*	16912.0	46.1	6.8	52.9	68.2	-15.3	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-10-11	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
	8327.0	54.0	-3.4	50.6	74.0	-23.4	Peak	Horizontal
*	9806.0	50.0	-2.0	48.0	68.2	-20.2	Peak	Horizontal
	11098.0	49.7	-1.7	48.0	74.0	-26.0	Peak	Horizontal
*	14175.0	47.3	3.7	51.0	68.2	-17.2	Peak	Horizontal
	8327.0	51.7	-3.4	48.3	74.0	-25.7	Peak	Vertical
*	9806.0	51.1	-2.0	49.1	68.2	-19.1	Peak	Vertical
	11514.5	47.7	-1.6	46.1	74.0	-27.9	Peak	Vertical
*	16385.0	45.5	5.8	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 (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-10-11	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
*	8505.5	52.1	-3.0	49.1	68.2	-19.1	Peak	Horizontal
*	9806.0	50.8	-2.0	48.8	68.2	-19.4	Peak	Horizontal
	11336.0	53.3	-1.4	51.9	74.0	-22.1	Peak	Horizontal
	15807.0	45.7	4.9	50.6	74.0	-23.4	Peak	Horizontal
*	8505.5	50.4	-3.0	47.4	68.2	-20.8	Peak	Vertical
*	9806.0	50.5	-2.0	48.5	68.2	-19.7	Peak	Vertical
	11225.5	47.6	-1.6	46.0	74.0	-28.0	Peak	Vertical
	15671.0	45.4	4.6	50.0	74.0	-24.0	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-10-11	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
*	8565.0	53.2	-3.0	50.2	68.2	-18.0	Peak	Horizontal
*	9806.0	50.0	-2.0	48.0	68.2	-20.2	Peak	Horizontal
	11421.0	52.0	-1.5	50.5	74.0	-23.5	Peak	Horizontal
	15798.5	45.1	4.9	50.0	74.0	-24.0	Peak	Horizontal
*	8565.0	50.9	-3.0	47.9	68.2	-20.3	Peak	Vertical
*	9806.0	51.1	-2.0	49.1	68.2	-19.1	Peak	Vertical
	11344.5	47.7	-1.5	46.2	74.0	-27.8	Peak	Vertical
	15586.0	45.4	4.5	49.9	74.0	-24.1	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-10-11	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
*	8633.0	53.4	-2.7	50.7	68.2	-17.5	Peak	Horizontal
*	9806.0	50.4	-2.0	48.4	68.2	-19.8	Peak	Horizontal
	11506.0	51.5	-1.7	49.8	74.0	-24.2	Peak	Horizontal
	15679.5	45.7	4.7	50.4	74.0	-23.6	Peak	Horizontal
*	8633.0	50.8	-2.7	48.1	68.2	-20.1	Peak	Vertical
*	10418.0	48.3	-1.4	46.9	68.2	-21.3	Peak	Vertical
	11727.0	47.9	-1.7	46.2	74.0	-27.8	Peak	Vertical
	15484.0	45.1	4.5	49.6	74.0	-24.4	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-10-11	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
*	8692.5	52.7	-2.5	50.2	68.2	-18.0	Peak	Horizontal
*	9806.0	50.6	-2.0	48.6	68.2	-19.6	Peak	Horizontal
	11591.0	50.1	-1.7	48.4	74.0	-25.6	Peak	Horizontal
	15671.0	46.1	4.6	50.7	74.0	-23.3	Peak	Horizontal
*	7196.5	49.1	-4.8	44.3	68.2	-23.9	Peak	Vertical
*	8947.5	48.1	-2.1	46.0	68.2	-22.2	Peak	Vertical
	11149.0	47.4	-1.4	46.0	74.0	-28.0	Peak	Vertical
	15679.5	45.2	4.7	49.9	74.0	-24.1	Peak	Vertical

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

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2024-01-24	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
	8029.5	34.2	12.1	46.3	74.0	-27.7	Peak	Horizontal
	8335.5	36.9	11.0	47.9	74.0	-26.1	Peak	Horizontal
*	9644.5	38.9	13.5	52.4	68.2	-15.8	Peak	Horizontal
*	10418.0	35.3	15.2	50.5	68.2	-17.7	Peak	Horizontal
*	8021.0	34.0	12.1	46.1	68.2	-22.1	Peak	Vertical
	8335.5	34.9	11.0	45.9	74.0	-28.1	Peak	Vertical
*	9644.5	37.7	13.5	51.2	68.2	-17.0	Peak	Vertical
	11616.5	31.7	17.4	49.1	74.0	-24.9	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-10-11	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
*	7936.0	53.7	-3.9	49.8	68.2	-18.4	Peak	Horizontal
*	9806.0	50.9	-2.0	48.9	68.2	-19.3	Peak	Horizontal
	11455.0	48.5	-1.5	47.0	74.0	-27.0	Peak	Horizontal
	15858.0	45.6	4.5	50.1	74.0	-23.9	Peak	Horizontal
	8420.5	48.8	-3.2	45.6	74.0	-28.4	Peak	Vertical
	10953.5	47.3	-1.4	45.9	74.0	-28.1	Peak	Vertical
*	14166.5	47.2	3.4	50.6	68.2	-17.6	Peak	Vertical
*	17549.5	45.6	7.7	53.3	68.2	-14.9	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-10-11	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
	8293.0	53.3	-3.2	50.1	74.0	-23.9	Peak	Horizontal
*	9806.0	50.3	-2.0	48.3	68.2	-19.9	Peak	Horizontal
	11064.0	50.5	-1.6	48.9	74.0	-25.1	Peak	Horizontal
*	14166.5	46.3	3.4	49.7	68.2	-18.5	Peak	Horizontal
	8293.0	53.3	-3.2	50.1	74.0	-23.9	Peak	Vertical
*	9806.0	50.3	-2.0	48.3	68.2	-19.9	Peak	Vertical
	11064.0	50.5	-1.6	48.9	74.0	-25.1	Peak	Vertical
*	14166.5	46.3	3.4	49.7	68.2	-18.5	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-10-11	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 (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8412.0	54.2	-3.2	51.0	74.0	-23.0	Peak	Horizontal
*	9806.0	50.4	-2.0	48.4	68.2	-19.8	Peak	Horizontal
	11217.0	51.5	-1.6	49.9	74.0	-24.1	Peak	Horizontal
*	14132.5	46.4	2.9	49.3	68.2	-18.9	Peak	Horizontal
	7715.0	50.0	-4.1	45.9	74.0	-28.1	Peak	Vertical
*	8854.0	48.0	-2.2	45.8	68.2	-22.4	Peak	Vertical
	11429.5	48.2	-1.5	46.7	74.0	-27.3	Peak	Vertical
*	14064.5	47.4	2.9	50.3	68.2	-17.9	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-10-11	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
*	8531.0	54.2	-3.0	51.2	68.2	-17.0	Peak	Horizontal
*	9806.0	50.9	-2.0	48.9	68.2	-19.3	Peak	Horizontal
	11378.5	49.6	-1.8	47.8	74.0	-26.2	Peak	Horizontal
	15475.5	45.4	4.5	49.9	74.0	-24.1	Peak	Horizontal
*	8531.0	50.4	-3.0	47.4	68.2	-20.8	Peak	Vertical
*	9806.0	48.6	-2.0	46.6	68.2	-21.6	Peak	Vertical
	11701.5	49.0	-1.6	47.4	74.0	-26.6	Peak	Vertical
	15484.0	45.8	4.5	50.3	74.0	-23.7	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-10-11	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
*	8658.5	53.2	-2.6	50.6	68.2	-17.6	Peak	Horizontal
	11548.5	51.3	-1.7	49.6	74.0	-24.4	Peak	Horizontal
*	14056.0	47.5	3.0	50.5	68.2	-17.7	Peak	Horizontal
	15764.5	46.2	4.6	50.8	74.0	-23.2	Peak	Horizontal
*	8658.5	51.2	-2.6	48.6	68.2	-19.6	Peak	Vertical
	11523.0	47.6	-1.5	46.1	74.0	-27.9	Peak	Vertical
*	13775.5	48.4	2.1	50.5	68.2	-17.7	Peak	Vertical
	15705.0	45.8	4.9	50.7	74.0	-23.3	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-10-11	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
	8403.5	53.4	-3.2	50.2	74.0	-23.8	Peak	Horizontal
*	9806.0	51.1	-2.0	49.1	68.2	-19.1	Peak	Horizontal
	11081.0	47.9	-1.7	46.2	74.0	-27.8	Peak	Horizontal
*	14217.5	46.8	3.0	49.8	68.2	-18.4	Peak	Horizontal
	7596.0	49.4	-4.4	45.0	74.0	-29.0	Peak	Vertical
*	8828.5	47.9	-1.9	46.0	68.2	-22.2	Peak	Vertical
	11149.0	47.8	-1.4	46.4	74.0	-27.6	Peak	Vertical
*	14166.5	45.8	3.4	49.2	68.2	-19.0	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-10-11	Test Mode	802.11ax-HE160 – 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
	8352.5	54.2	-3.4	50.8	74.0	-23.2	Peak	Horizontal
*	9806.0	50.7	-2.0	48.7	68.2	-19.5	Peak	Horizontal
	11140.5	51.2	-1.4	49.8	74.0	-24.2	Peak	Horizontal
*	13843.5	46.9	2.4	49.3	68.2	-18.9	Peak	Horizontal
	8352.5	49.9	-3.4	46.5	74.0	-27.5	Peak	Vertical
*	9806.0	48.6	-2.0	46.6	68.2	-21.6	Peak	Vertical
	11140.5	48.7	-1.4	47.3	74.0	-26.7	Peak	Vertical
*	14175.0	46.1	3.7	49.8	68.2	-18.4	Peak	Vertical

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

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

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

L23UGSR-5HaxD2HaxD-NM-US + Omni antenna:

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-12-02	Test Mode	802.11a – Channel 36
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9721.0	31.5	13.5	45.0	68.2	-23.2	Peak	Horizontal
*	10214.0	31.1	14.3	45.4	68.2	-22.8	Peak	Horizontal
	11021.5	29.9	16.4	46.2	74.0	-27.8	Peak	Horizontal
	11650.5	31.3	17.8	49.2	74.0	-24.8	Peak	Horizontal
*	9899.5	31.8	13.6	45.5	68.2	-22.7	Peak	Vertical
*	10443.5	30.9	15.5	46.4	68.2	-21.8	Peak	Vertical
	11089.5	31.9	16.8	48.6	74.0	-25.4	Peak	Vertical
	11633.5	30.4	17.7	48.1	74.0	-25.9	Peak	Vertical

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

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-12-02	Test Mode	802.11a – Channel 44
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not 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
*	9551.0	31.1	13.4	44.5	68.2	-23.7	Peak	Horizontal
*	9942.0	31.1	13.8	44.8	68.2	-23.4	Peak	Horizontal
	10783.5	29.2	16.1	45.3	74.0	-28.7	Peak	Horizontal
	11574.0	31.5	17.7	49.2	74.0	-24.8	Peak	Horizontal
*	10035.5	30.7	13.9	44.7	68.2	-23.5	Peak	Vertical
*	10435.0	33.1	15.5	48.6	68.2	-19.6	Peak	Vertical
	11514.5	32.2	17.3	49.5	74.0	-24.5	Peak	Vertical
	11744.0	31.7	17.6	49.3	74.0	-24.7	Peak	Vertical

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

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-12-02	Test Mode	802.11a – Channel 48
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not 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	31.8	13.6	45.5	68.2	-22.7	Peak	Horizontal
*	10350.0	31.0	15.2	46.1	68.2	-22.1	Peak	Horizontal
	11081.0	31.7	16.7	48.5	74.0	-25.5	Peak	Horizontal
	11548.5	30.9	17.7	48.6	74.0	-25.4	Peak	Horizontal
*	10239.5	32.1	14.3	46.4	68.2	-21.8	Peak	Vertical
*	10401.0	31.0	15.1	46.1	68.2	-22.1	Peak	Vertical
	11557.0	30.8	17.9	48.7	74.0	-25.3	Peak	Vertical
	12024.5	31.3	17.0	48.3	74.0	-25.7	Peak	Vertical

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

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-28	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
*	10588.0	30.3	15.5	45.8	68.2	-22.4	Peak	Horizontal
	11378.5	29.6	17.3	46.9	74.0	-27.1	Peak	Horizontal
	12109.5	29.3	17.0	46.3	74.0	-27.7	Peak	Horizontal
*	13979.5	30.9	19.1	50.0	68.2	-18.2	Peak	Horizontal
*	10265.0	30.4	14.6	45.0	68.2	-23.2	Peak	Vertical
	11021.5	29.6	16.4	46.0	74.0	-28.0	Peak	Vertical
	11565.5	30.9	17.8	48.7	74.0	-25.3	Peak	Vertical
*	13979.5	30.1	19.1	49.2	68.2	-19.0	Peak	Vertical

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

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-28	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
*	10401.0	30.6	15.1	45.7	68.2	-22.5	Peak	Horizontal
	11276.5	29.1	17.0	46.1	74.0	-27.9	Peak	Horizontal
	11735.5	29.3	17.7	47.0	74.0	-27.0	Peak	Horizontal
*	13928.5	33.0	19.1	52.1	68.2	-16.1	Peak	Horizontal
*	10265.0	30.2	14.6	44.8	68.2	-23.4	Peak	Vertical
	10970.5	29.7	16.2	45.9	74.0	-28.1	Peak	Vertical
	11472.0	32.1	17.5	49.6	74.0	-24.4	Peak	Vertical
*	13733.0	29.9	18.9	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 (dBμV/m) = Reading Level (dBμV) + 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	2023-11-28	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
*	9772.0	31.3	13.5	44.8	68.2	-23.4	Peak	Horizontal
*	10265.0	30.9	14.6	45.5	68.2	-22.7	Peak	Horizontal
	10970.5	30.3	16.2	46.5	74.0	-27.5	Peak	Horizontal
	11633.5	32.2	17.7	49.9	74.0	-24.1	Peak	Horizontal
*	10171.5	31.6	14.1	45.7	68.2	-22.5	Peak	Vertical
	11557.0	31.3	17.9	49.2	74.0	-24.8	Peak	Vertical
	11786.5	29.8	17.6	47.4	74.0	-26.6	Peak	Vertical
*	13733.0	29.3	18.9	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 (dBμV/m) = Reading Level (dBμV) + 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	2023-11-28	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
*	10214.0	31.3	14.3	45.6	68.2	-22.6	Peak	Horizontal
	11123.5	30.2	16.4	46.6	74.0	-27.4	Peak	Horizontal
	11540.0	31.8	17.6	49.4	74.0	-24.6	Peak	Horizontal
*	13070.0	30.8	18.3	49.1	68.2	-19.1	Peak	Horizontal
*	9814.5	32.1	13.7	45.8	68.2	-22.4	Peak	Vertical
	11225.5	30.3	16.9	47.2	74.0	-26.8	Peak	Vertical
	12194.5	31.3	17.8	49.1	74.0	-24.9	Peak	Vertical
*	13792.5	29.8	18.8	48.6	68.2	-19.6	Peak	Vertical

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

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-28	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
*	10120.5	31.4	14.1	45.5	68.2	-22.7	Peak	Horizontal
	11429.5	29.8	17.3	47.1	74.0	-26.9	Peak	Horizontal
	12220.0	30.5	17.5	48.0	74.0	-26.0	Peak	Horizontal
*	14039.0	30.6	19.9	50.5	68.2	-17.7	Peak	Horizontal
*	9993.0	31.5	13.7	45.2	68.2	-23.0	Peak	Vertical
	11378.5	29.0	17.3	46.3	74.0	-27.7	Peak	Vertical
	12330.5	30.2	17.0	47.2	74.0	-26.8	Peak	Vertical
*	13792.5	29.4	18.8	48.2	68.2	-20.0	Peak	Vertical

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

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-28	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
*	10120.5	30.9	14.1	45.0	68.2	-23.2	Peak	Horizontal
	11463.5	32.0	17.5	49.5	74.0	-24.5	Peak	Horizontal
	12441.0	30.5	16.6	47.1	74.0	-26.9	Peak	Horizontal
*	17405.0	32.4	23.4	55.8	68.2	-12.4	Peak	Horizontal
*	10171.5	31.5	14.1	45.6	68.2	-22.6	Peak	Vertical
	11123.5	30.8	16.4	47.2	74.0	-26.8	Peak	Vertical
	11880.0	32.3	17.3	49.6	74.0	-24.4	Peak	Vertical
*	13911.5	30.1	18.7	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 (dBμV/m) = Reading Level (dBμV) + 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	2023-11-28	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
*	9942.0	32.5	13.8	46.3	68.2	-21.9	Peak	Horizontal
	10970.5	30.0	16.2	46.2	74.0	-27.8	Peak	Horizontal
	12007.5	29.8	17.0	46.8	74.0	-27.2	Peak	Horizontal
*	14778.5	33.7	19.2	52.9	68.2	-15.3	Peak	Horizontal
*	9636.0	32.4	13.4	45.8	68.2	-22.4	Peak	Vertical
*	10265.0	31.1	14.6	45.7	68.2	-22.5	Peak	Vertical
	10970.5	29.8	16.2	46.0	74.0	-28.0	Peak	Vertical
	11795.0	32.0	17.7	49.7	74.0	-24.3	Peak	Vertical

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

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-28	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
*	10214.0	30.7	14.3	45.0	68.2	-23.2	Peak	Horizontal
	10928.0	32.0	16.7	48.7	74.0	-25.3	Peak	Horizontal
	11574.0	31.3	17.7	49.0	74.0	-25.0	Peak	Horizontal
*	13911.5	30.2	18.7	48.9	68.2	-19.3	Peak	Horizontal
*	10214.0	31.7	14.3	46.0	68.2	-22.2	Peak	Vertical
	10732.5	31.2	15.9	47.1	74.0	-26.9	Peak	Vertical
	11489.0	33.5	17.7	51.2	74.0	-22.8	Peak	Vertical
*	13945.5	32.9	19.6	52.5	68.2	-15.7	Peak	Vertical

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

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-28	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
*	10537.0	32.6	15.2	47.8	68.2	-20.4	Peak	Horizontal
	11429.5	30.1	17.3	47.4	74.0	-26.6	Peak	Horizontal
	12441.0	30.0	16.6	46.6	74.0	-27.4	Peak	Horizontal
*	13911.5	30.1	18.7	48.8	68.2	-19.4	Peak	Horizontal
*	9942.0	31.5	13.8	45.3	68.2	-22.9	Peak	Vertical
	11123.5	32.0	16.4	48.4	74.0	-25.6	Peak	Vertical
	12024.5	31.4	17.0	48.4	74.0	-25.6	Peak	Vertical
*	13792.5	29.5	18.8	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 (dBμV/m) = Reading Level (dBμV) + 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	2023-11-28	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
*	10035.5	32.7	13.9	46.6	68.2	-21.6	Peak	Horizontal
	11514.5	33.7	17.3	51.0	74.0	-23.0	Peak	Horizontal
	12381.5	30.1	16.9	47.0	74.0	-27.0	Peak	Horizontal
*	14923.0	33.4	19.7	53.1	68.2	-15.1	Peak	Horizontal
*	10307.5	32.3	14.9	47.2	68.2	-21.0	Peak	Vertical
	11489.0	31.5	17.7	49.2	74.0	-24.8	Peak	Vertical
	11735.5	30.1	17.7	47.8	74.0	-26.2	Peak	Vertical
*	13911.5	30.0	18.7	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 (dBμV/m) = Reading Level (dBμV) + 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	2023-12-02	Test Mode	802.11ac-VHT20 – Channel 36
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not 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
*	9678.5	31.1	13.5	44.6	68.2	-23.6	Peak	Horizontal
*	10579.5	33.2	15.4	48.6	68.2	-19.6	Peak	Horizontal
	11497.5	31.0	17.6	48.6	74.0	-25.4	Peak	Horizontal
	12169.0	29.2	17.4	46.5	74.0	-27.5	Peak	Horizontal
*	9678.5	31.0	13.5	44.4	68.2	-23.8	Peak	Vertical
*	10035.5	31.0	13.9	44.9	68.2	-23.3	Peak	Vertical
	11072.5	30.6	16.5	47.1	74.0	-26.9	Peak	Vertical
	11557.0	32.0	17.9	49.8	74.0	-24.2	Peak	Vertical

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

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-12-02	Test Mode	802.11ac-VHT20 – Channel 44
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not 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	31.4	13.6	45.0	68.2	-23.2	Peak	Horizontal
*	10537.0	30.0	15.2	45.2	68.2	-23.0	Peak	Horizontal
	11548.5	30.9	17.7	48.6	74.0	-25.4	Peak	Horizontal
	11786.5	29.1	17.6	46.7	74.0	-27.3	Peak	Horizontal
*	9899.5	32.0	13.6	45.6	68.2	-22.6	Peak	Vertical
*	10265.0	30.7	14.6	45.2	68.2	-23.0	Peak	Vertical
	11557.0	30.9	17.9	48.8	74.0	-25.2	Peak	Vertical
	12186.0	30.7	17.7	48.4	74.0	-25.6	Peak	Vertical

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

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-12-02	Test Mode	802.11ac-VHT20 – Channel 48
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not 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	31.2	13.7	44.9	68.2	-23.3	Peak	Horizontal
*	10443.5	30.4	15.5	45.9	68.2	-22.3	Peak	Horizontal
	11565.5	31.1	17.8	48.8	74.0	-25.2	Peak	Horizontal
	12611.0	29.3	16.7	46.0	74.0	-28.0	Peak	Horizontal
*	9899.5	31.7	13.6	45.3	68.2	-22.9	Peak	Vertical
*	10171.5	30.4	14.1	44.5	68.2	-23.7	Peak	Vertical
	11616.5	31.5	17.4	48.9	74.0	-25.1	Peak	Vertical
	12169.0	29.0	17.4	46.4	74.0	-27.6	Peak	Vertical

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

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-28	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
*	9857.0	31.7	13.5	45.2	68.2	-23.0	Peak	Horizontal
	11480.5	29.8	17.6	47.4	74.0	-26.6	Peak	Horizontal
	12432.5	32.9	16.6	49.5	74.0	-24.5	Peak	Horizontal
*	13792.5	30.9	18.8	49.7	68.2	-18.5	Peak	Horizontal
*	9636.0	32.4	13.4	45.8	68.2	-22.4	Peak	Vertical
*	10214.0	30.9	14.3	45.2	68.2	-23.0	Peak	Vertical
	10877.0	30.0	16.3	46.3	74.0	-27.7	Peak	Vertical
	11880.0	31.8	17.3	49.1	74.0	-24.9	Peak	Vertical

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

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-28	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
*	10171.5	31.3	14.1	45.4	68.2	-22.8	Peak	Horizontal
	10970.5	29.4	16.2	45.6	74.0	-28.4	Peak	Horizontal
	11565.5	31.1	17.8	48.9	74.0	-25.1	Peak	Horizontal
*	13665.0	30.6	18.6	49.2	68.2	-19.0	Peak	Horizontal
*	10171.5	31.1	14.1	45.2	68.2	-23.0	Peak	Vertical
	11497.5	31.2	17.6	48.8	74.0	-25.2	Peak	Vertical
	12313.5	30.9	17.4	48.3	74.0	-25.7	Peak	Vertical
*	13733.0	30.3	18.9	49.2	68.2	-19.0	Peak	Vertical

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

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-28	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
*	10214.0	30.3	14.3	44.6	68.2	-23.6	Peak	Horizontal
	11489.0	31.1	17.7	48.8	74.0	-25.2	Peak	Horizontal
	11846.0	31.3	17.1	48.4	74.0	-25.6	Peak	Horizontal
*	14039.0	31.2	19.9	51.1	68.2	-17.1	Peak	Horizontal
*	10307.5	32.6	14.9	47.5	68.2	-20.7	Peak	Vertical
	10877.0	31.5	16.3	47.8	74.0	-26.2	Peak	Vertical
	11506.0	32.4	17.4	49.8	74.0	-24.2	Peak	Vertical
*	13792.5	29.6	18.8	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 (dBμV/m) = Reading Level (dBμV) + 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	2023-11-28	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
*	10171.5	31.9	14.1	46.0	68.2	-22.2	Peak	Horizontal
	11327.5	29.3	17.4	46.7	74.0	-27.3	Peak	Horizontal
	11837.5	32.0	17.2	49.2	74.0	-24.8	Peak	Horizontal
*	14166.5	30.6	19.8	50.4	68.2	-17.8	Peak	Horizontal
*	10171.5	31.9	14.1	46.0	68.2	-22.2	Peak	Vertical
	11480.5	30.6	17.6	48.2	74.0	-25.8	Peak	Vertical
	12356.0	33.4	16.8	50.2	74.0	-23.8	Peak	Vertical
*	13852.0	30.9	19.0	49.9	68.2	-18.3	Peak	Vertical

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

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-28	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
*	10494.5	31.0	15.4	46.4	68.2	-21.8	Peak	Horizontal
	11327.5	29.7	17.4	47.1	74.0	-26.9	Peak	Horizontal
	12058.5	29.6	17.0	46.6	74.0	-27.4	Peak	Horizontal
*	13911.5	31.3	18.7	50.0	68.2	-18.2	Peak	Horizontal
*	10120.5	31.9	14.1	46.0	68.2	-22.2	Peak	Vertical
	11565.5	31.7	17.8	49.5	74.0	-24.5	Peak	Vertical
	12169.0	29.4	17.4	46.8	74.0	-27.2	Peak	Vertical
*	14166.5	30.6	19.8	50.4	68.2	-17.8	Peak	Vertical

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

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-28	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
*	10214.0	31.4	14.3	45.7	68.2	-22.5	Peak	Horizontal
	11123.5	30.7	16.4	47.1	74.0	-26.9	Peak	Horizontal
	11633.5	29.9	17.7	47.6	74.0	-26.4	Peak	Horizontal
*	14039.0	30.5	19.9	50.4	68.2	-17.8	Peak	Horizontal
*	10171.5	31.1	14.1	45.2	68.2	-23.0	Peak	Vertical
	11089.5	31.3	16.8	48.1	74.0	-25.9	Peak	Vertical
	11846.0	28.9	17.1	46.0	74.0	-28.0	Peak	Vertical
*	13911.5	29.4	18.7	48.1	68.2	-20.1	Peak	Vertical

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

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-28	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
*	10503.0	32.9	15.5	48.4	68.2	-19.8	Peak	Horizontal
	11565.5	31.4	17.8	49.2	74.0	-24.8	Peak	Horizontal
	11897.0	30.4	17.4	47.8	74.0	-26.2	Peak	Horizontal
*	13979.5	29.4	19.1	48.5	68.2	-19.7	Peak	Horizontal
*	10214.0	30.9	14.3	45.2	68.2	-23.0	Peak	Vertical
	11480.5	30.0	17.6	47.6	74.0	-26.4	Peak	Vertical
	11948.0	29.1	16.9	46.0	74.0	-28.0	Peak	Vertical
*	13639.5	31.6	19.1	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 dBμV/m can be determined by adding a “conversion” factor 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	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-28	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
*	9993.0	31.6	13.7	45.3	68.2	-22.9	Peak	Horizontal
	11497.5	30.8	17.6	48.4	74.0	-25.6	Peak	Horizontal
	12245.5	31.0	17.6	48.6	74.0	-25.4	Peak	Horizontal
*	14166.5	30.7	19.8	50.5	68.2	-17.7	Peak	Horizontal
*	10350.0	30.8	15.2	46.0	68.2	-22.2	Peak	Vertical
	11174.5	31.7	17.0	48.7	74.0	-25.3	Peak	Vertical
	11863.0	31.4	17.2	48.6	74.0	-25.4	Peak	Vertical
*	13852.0	30.3	19.0	49.3	68.2	-18.9	Peak	Vertical

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

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

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

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-11-28	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
*	10341.5	32.5	15.1	47.6	68.2	-20.6	Peak	Horizontal
	11174.5	30.8	17.0	47.8	74.0	-26.2	Peak	Horizontal
	11497.5	31.7	17.6	49.3	74.0	-24.7	Peak	Horizontal
*	13767.0	32.0	18.7	50.7	68.2	-17.5	Peak	Horizontal
*	9942.0	31.6	13.8	45.4	68.2	-22.8	Peak	Vertical
	11446.5	31.3	17.3	48.6	74.0	-25.4	Peak	Vertical
	12305.0	30.9	17.6	48.5	74.0	-25.5	Peak	Vertical
*	13979.5	30.2	19.1	49.3	68.2	-18.9	Peak	Vertical

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

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

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