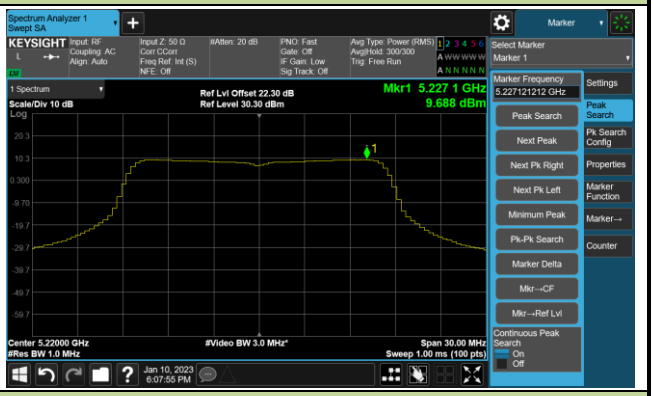
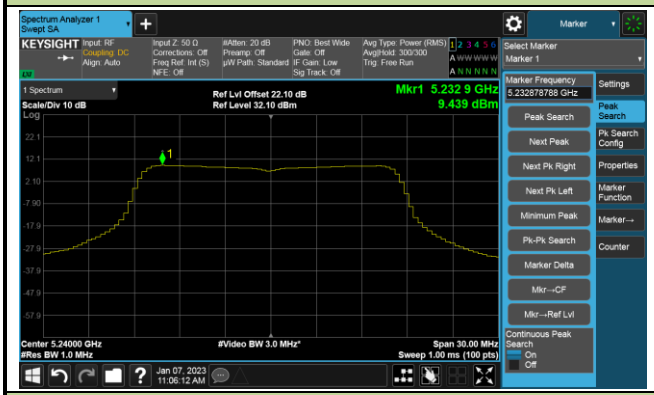
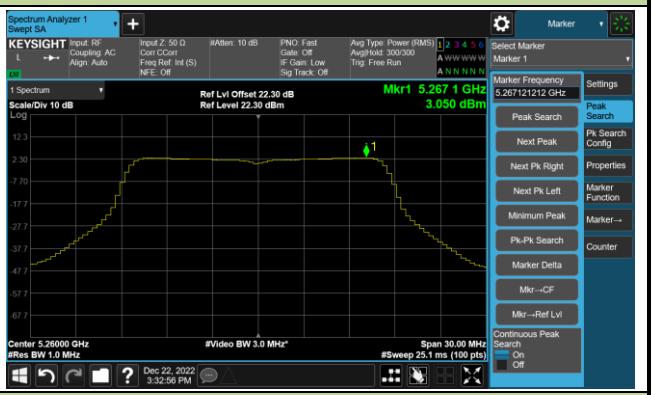
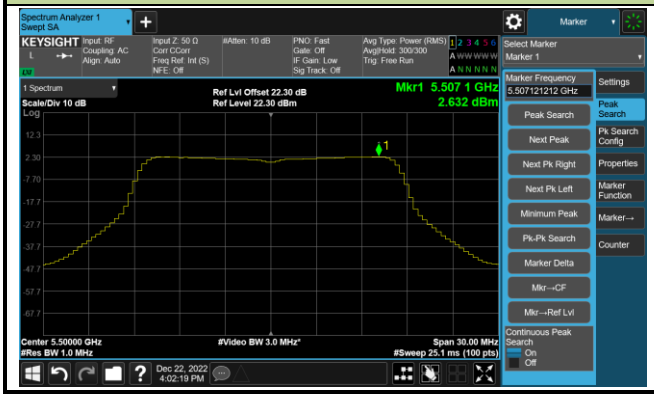
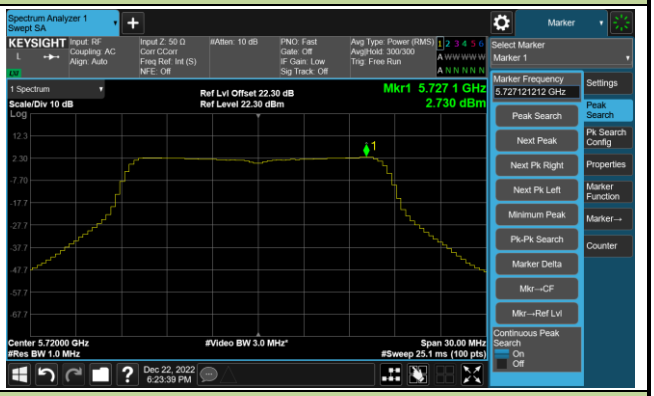
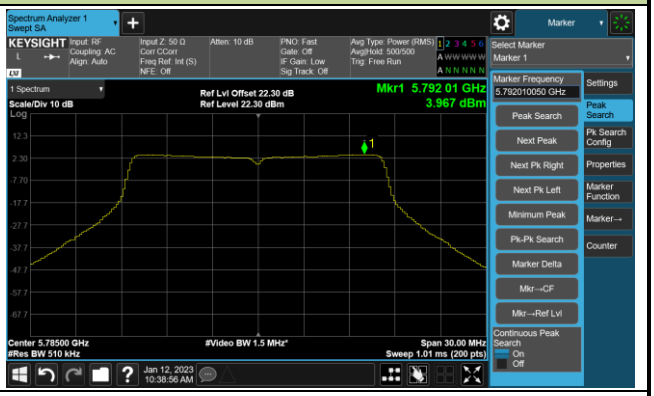
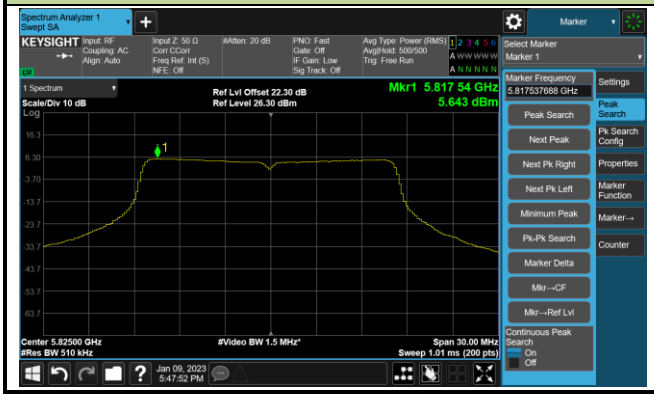
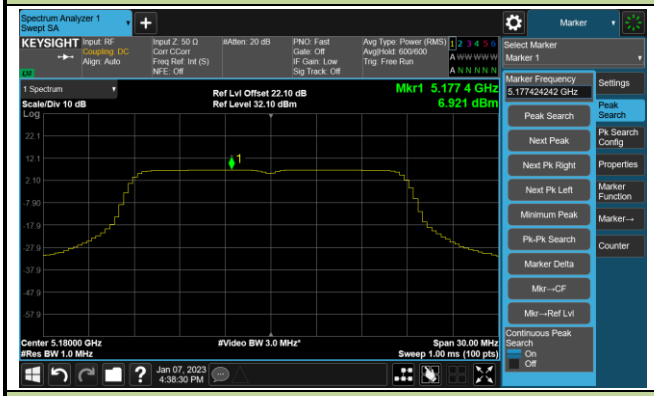
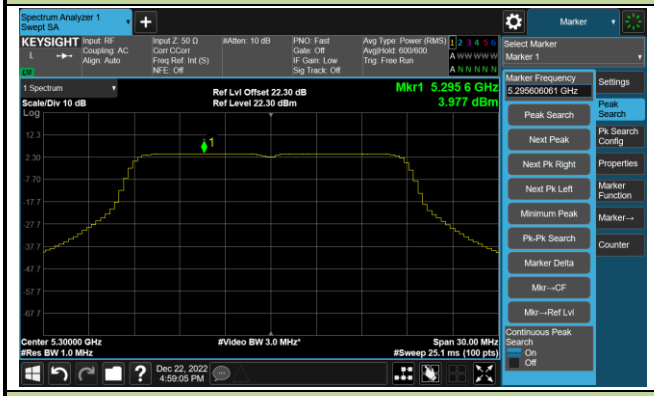
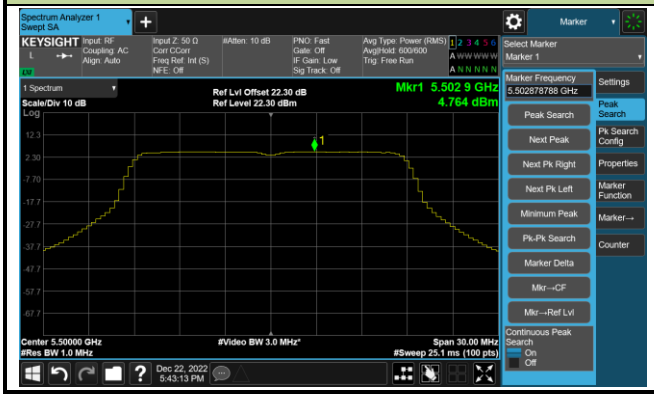
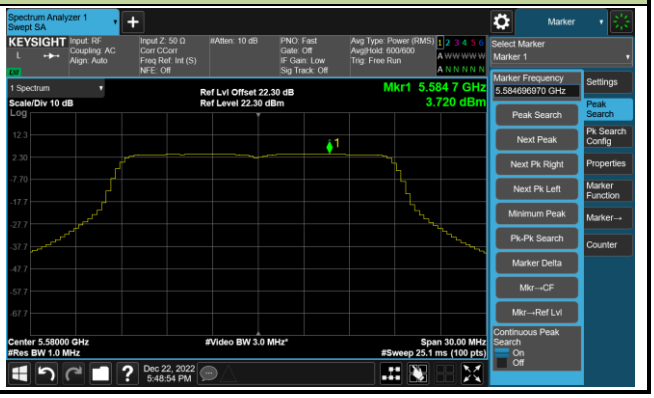
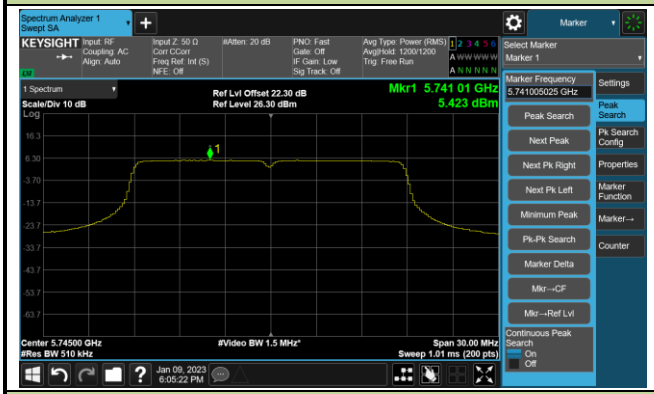
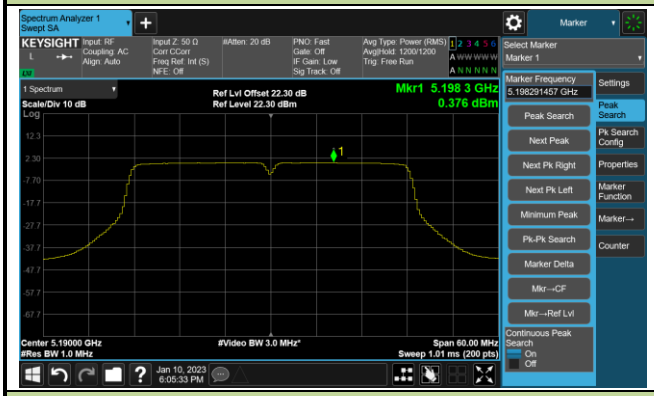
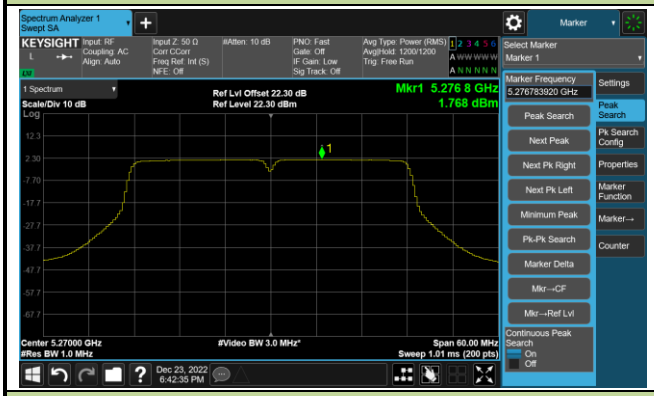
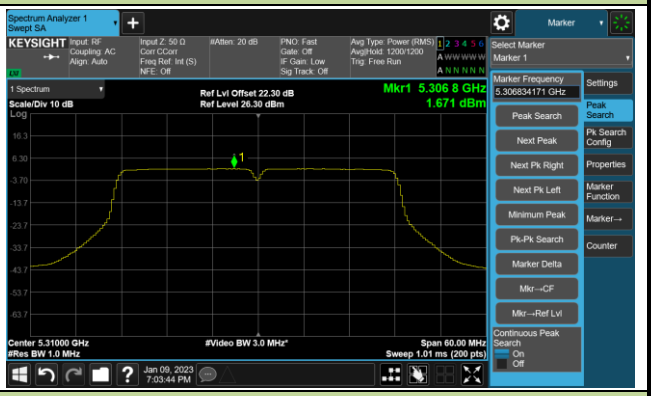
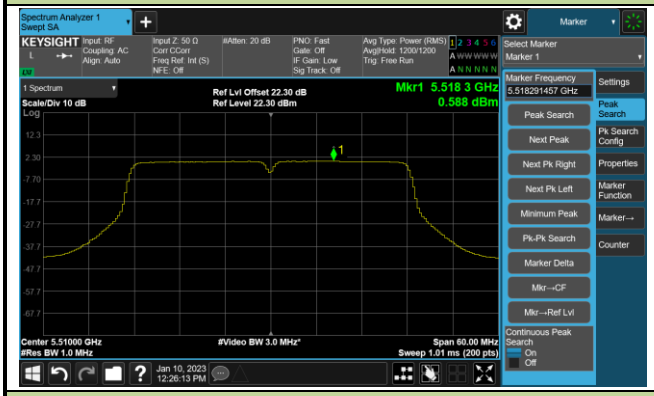
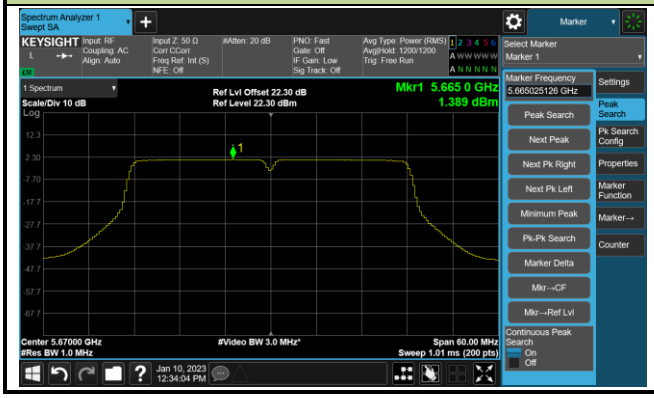
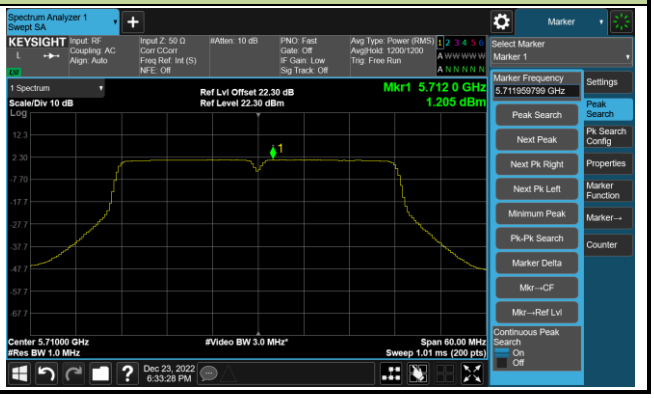
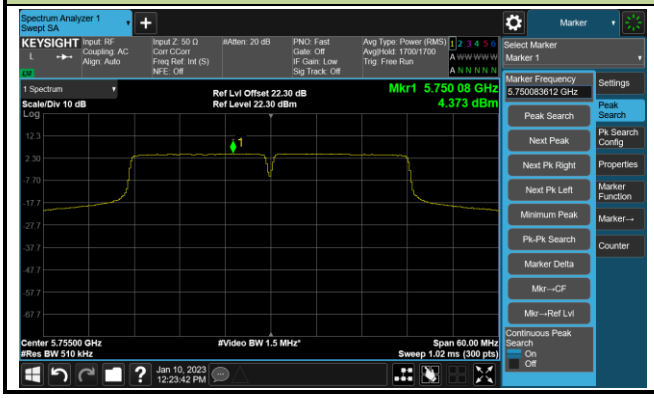
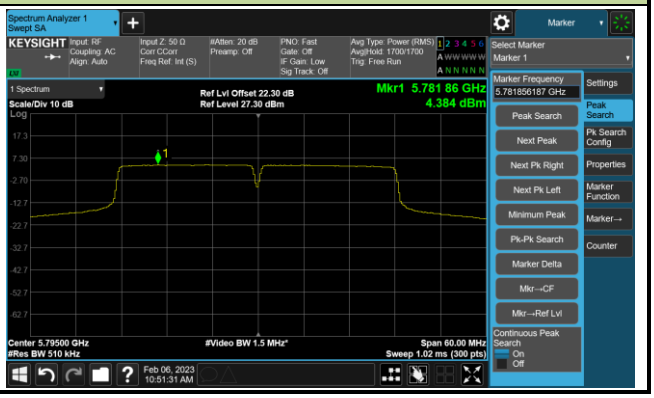
802.11a Power Spectral Density- Ant 3	
Channel 36 (5180MHz)	Channel 44 (5220MHz)
	
Channel 48 (5240MHz)	Channel 52 (5260MHz)
	
Channel 60 (5300MHz)	Channel 64 (5320MHz)
	
Channel 100 (5500MHz)	Channel 116 (5580MHz)
	

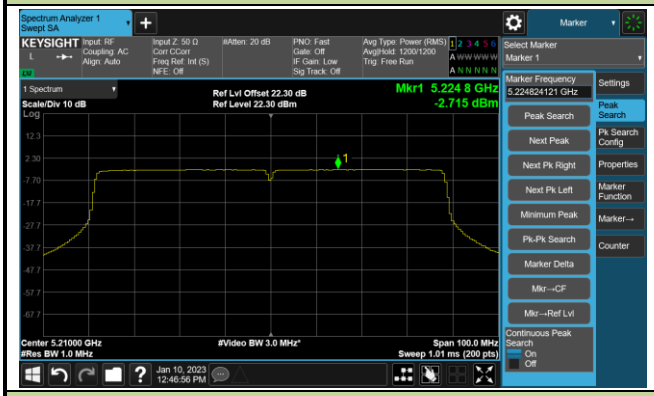
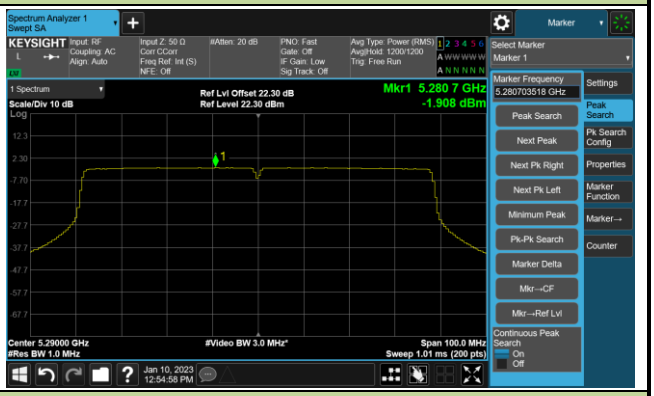
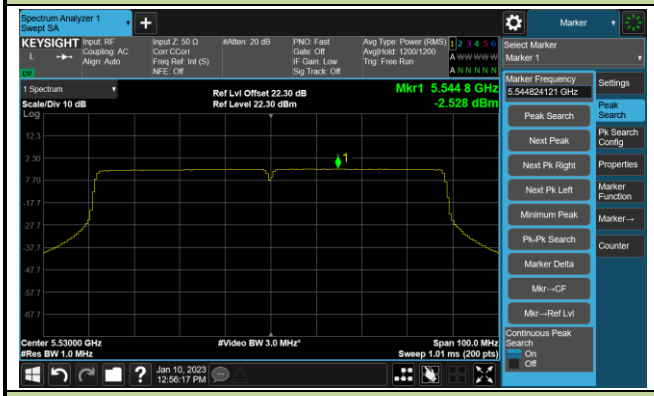
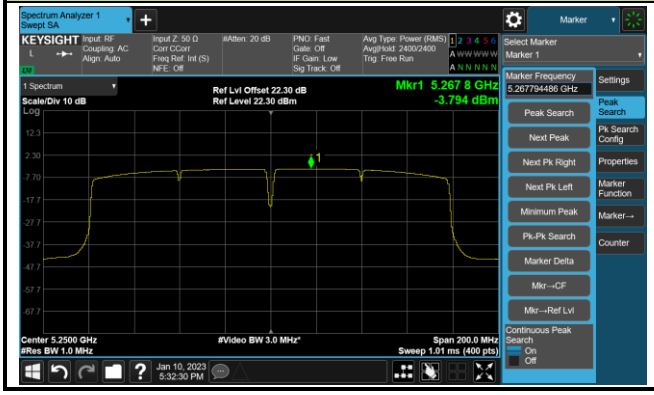
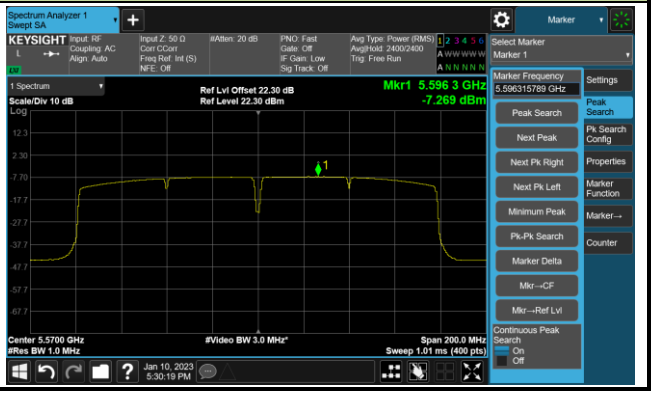
802.11a Power Spectral Density- Ant 3	
Channel 140 (5700MHz)	Channel 144(5720MHz)
	
Channel 149 (5745MHz)	Channel 157 (5785MHz)
	
Channel 165 (5825MHz)	
	

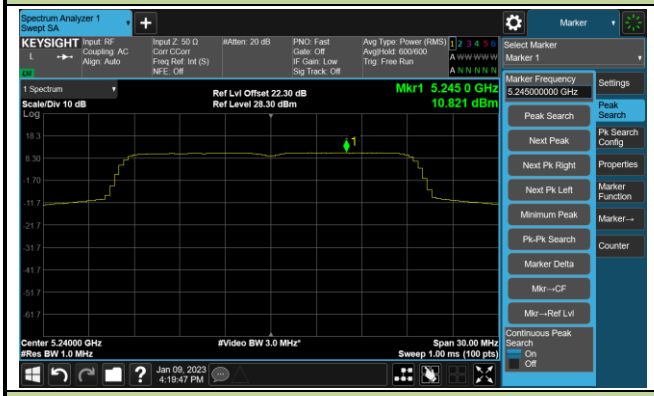
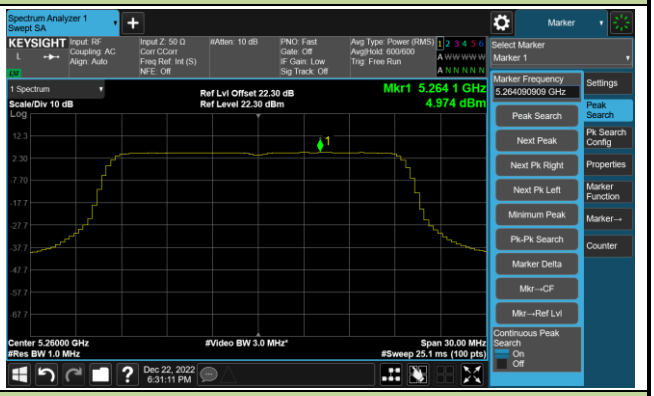
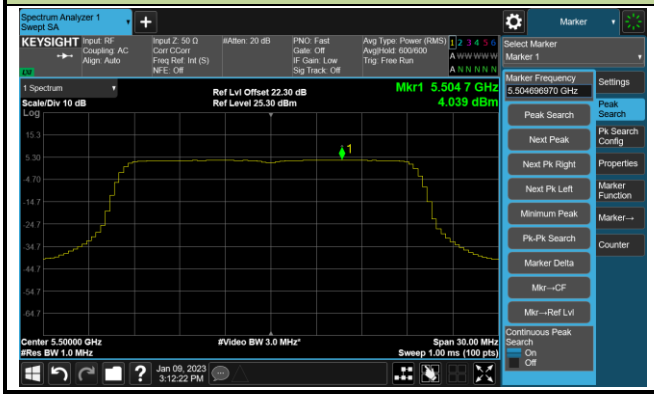
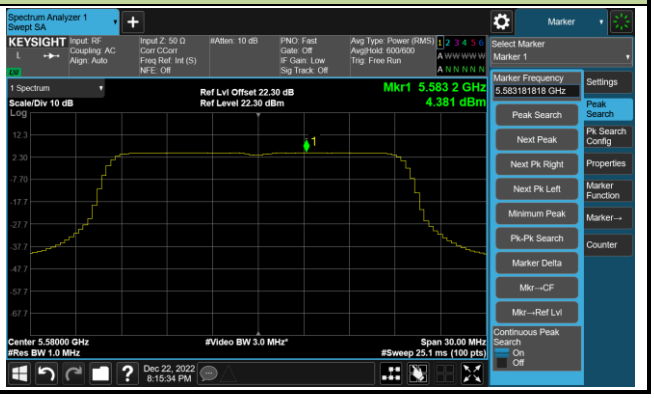
802.11ac-VHT20 Power Spectral Density- Ant 3	
Channel 36 (5180MHz)	Channel 44 (5220MHz)
	
Channel 48 (5240MHz)	Channel 52 (5260MHz)
	
Channel 60 (5300MHz)	Channel 64 (5320MHz)
	
Channel 100 (5500MHz)	Channel 116 (5580MHz)
	

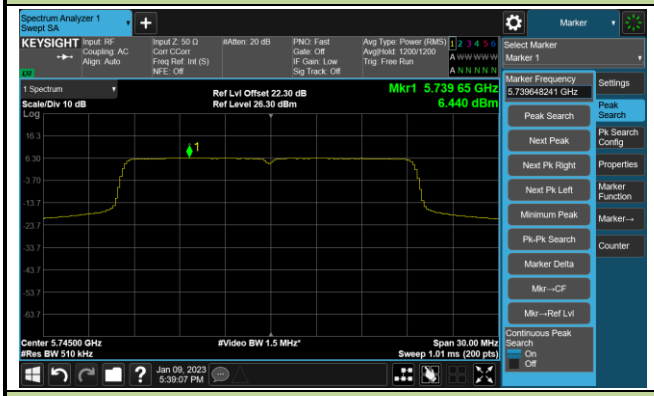
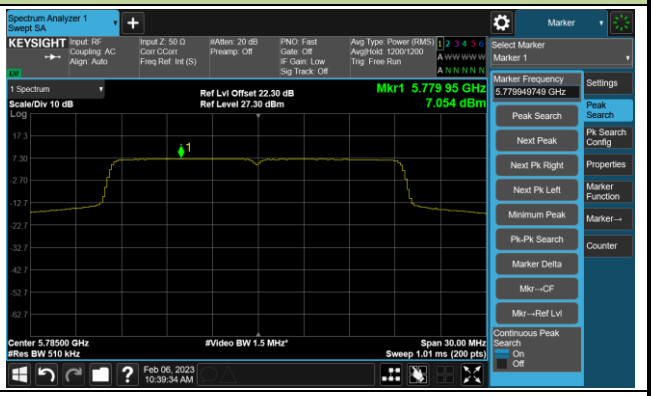
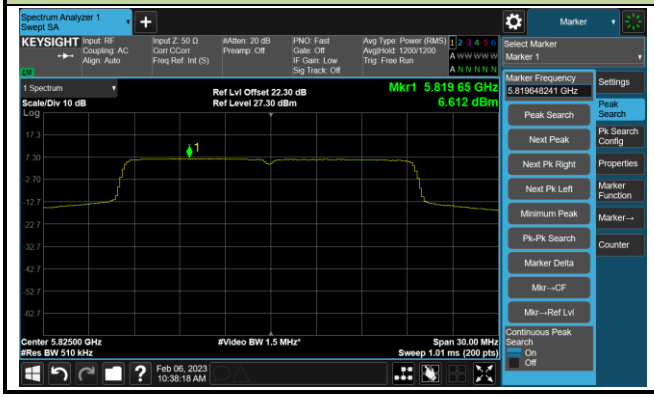
802.11ac-VHT20 Power Spectral Density- Ant 3	
Channel 140 (5700MHz)	Channel 144(5720MHz)
	
Channel 149 (5745MHz)	Channel 157 (5785MHz)
	
Channel 165 (5825MHz)	
	

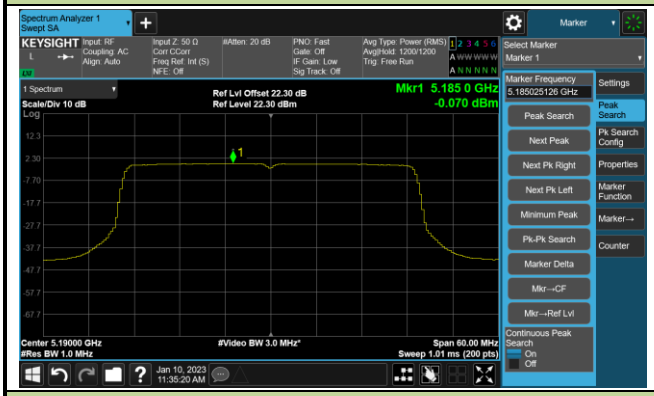
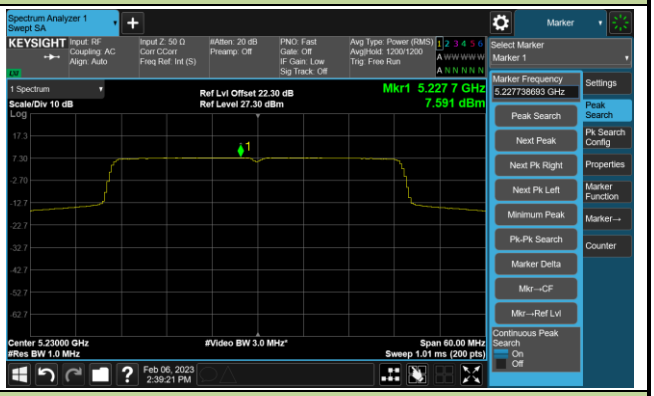
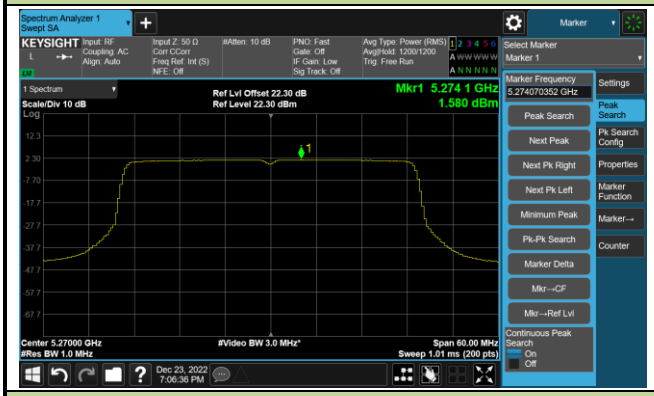
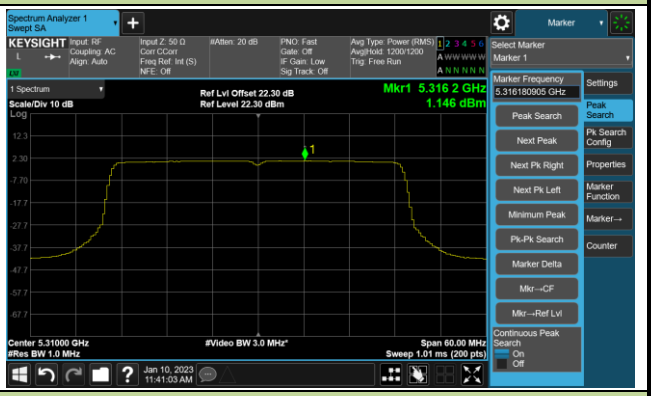
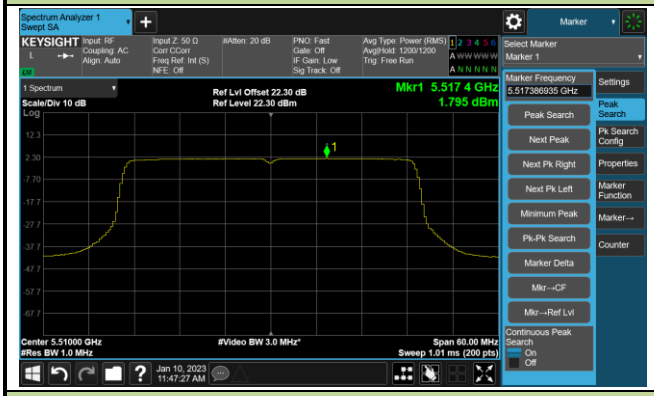
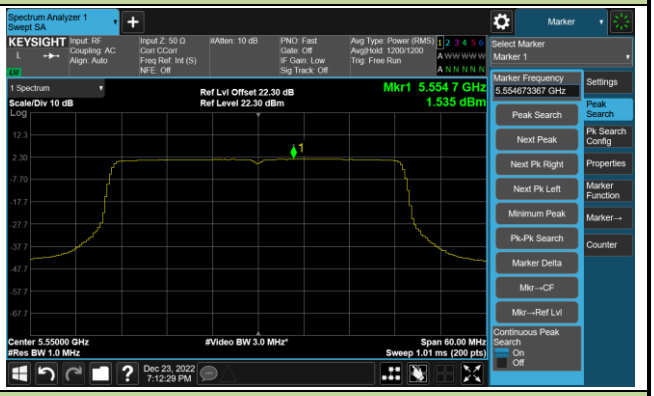
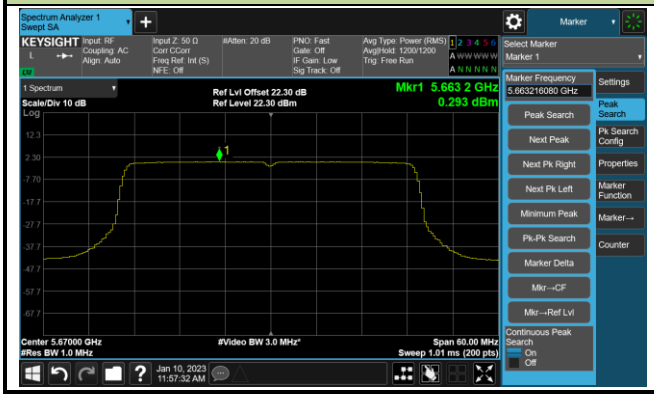
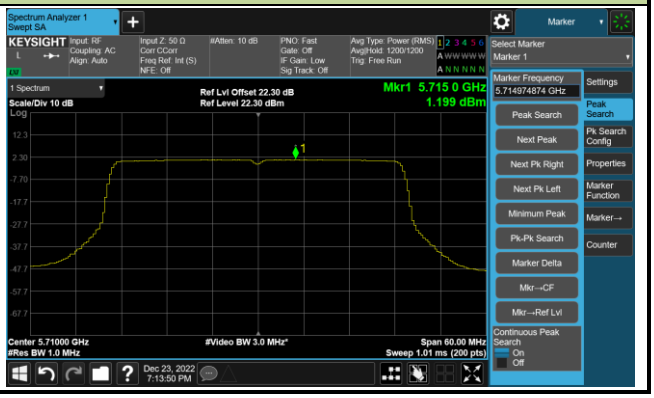
802.11ac-VHT40 Power Spectral Density- Ant 3	
Channel 38 (5190MHz)	Channel 46 (5230MHz)
	
Channel 54 (5270MHz)	Channel 62 (5310MHz)
	
Channel 102 (5510MHz)	Channel 110 (5550MHz)
	
Channel 134 (5670MHz)	Channel 142(5710MHz)
	

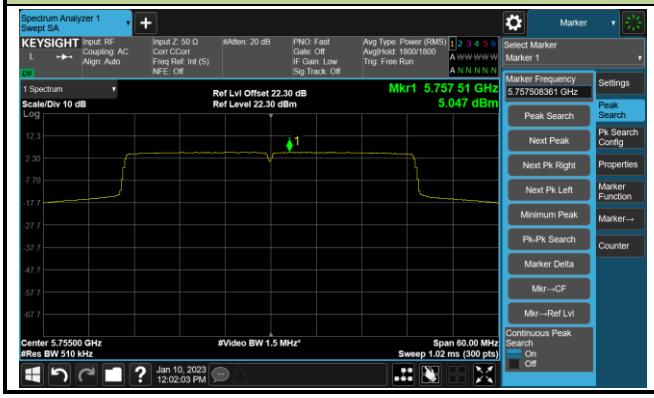
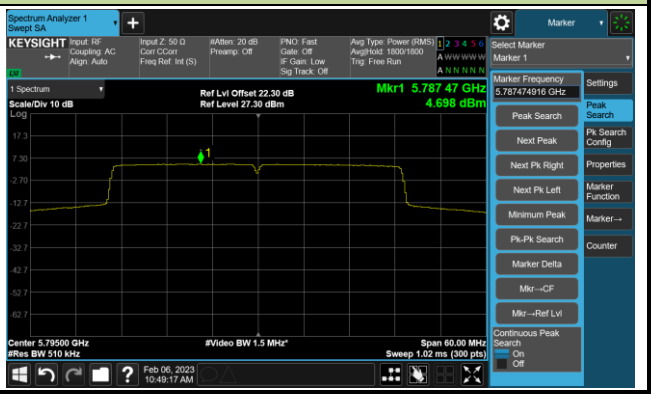
802.11ac-VHT40 Power Spectral Density- Ant 3	
Channel 151 (5755MHz)	Channel 159 (5795MHz)
	

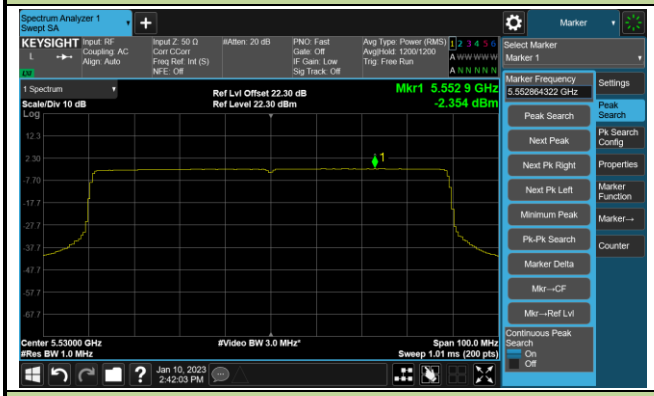
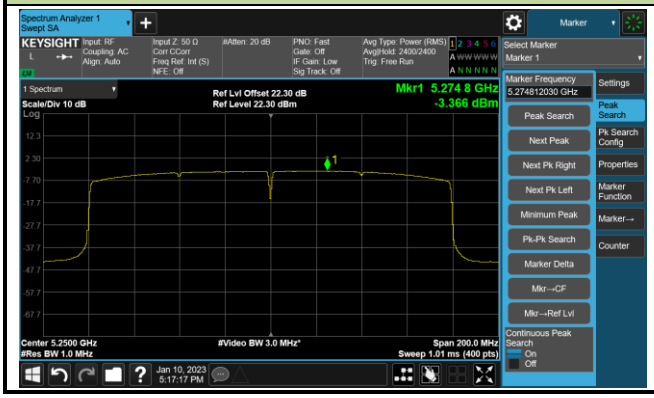
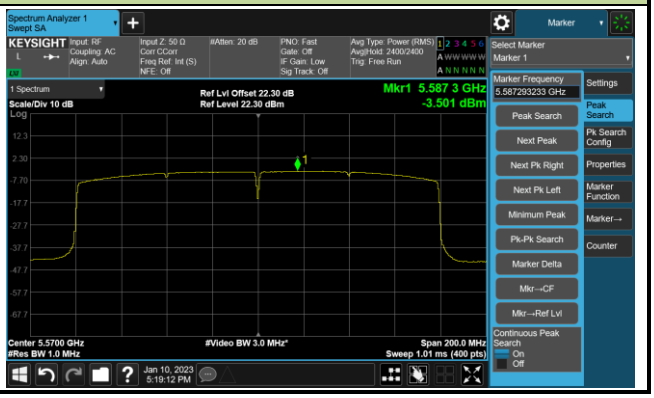
802.11ac-VHT80 Power Spectral Density- Ant 3	
Channel 42 (5210MHz)	Channel 58 (5290MHz)
	
Channel 106 (5530MHz)	Channel 122 (5610MHz)
	
Channel 138 (5690MHz)	Channel 155 (5775MHz)
	
802.11ac-VHT160 Power Spectral Density- Ant 3	
Channel 50 (5250MHz)	Channel 114 (5570MHz)
	

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

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

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

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

802.11ax-HE80 Power Spectral Density- Ant 3	
Channel 42 (5210MHz)	Channel 58 (5290MHz)
	
Channel 106 (5530MHz)	Channel 122 (5610MHz)
	
Channel 138 (5690MHz)	Channel 155 (5775MHz)
	
802.11ax-HE160 Power Spectral Density- Ant 3	
Channel 50 (5250MHz)	Channel 114 (5570MHz)
	

A.6 Frequency Stability Test Result

Test Site	SIP-TR1	Test Engineer	Nandy Zhang
Test Date	2023-02-06~2023-02-07	Test Mode	5180MHz (Carrier Mode)

Voltage (%)	Power (VAC)	Temp (°C)	Frequency Tolerance (ppm)			
			0 minutes	2 minutes	5 minutes	10 minutes
100%	120	- 30	17.81	17.86	17.77	17.70
		- 20	17.94	17.93	18.01	18.16
		- 10	15.96	16.25	16.74	17.22
		0	12.71	12.66	12.95	13.29
		+ 10	8.69	8.77	8.83	8.99
		+ 20	6.58	4.70	4.00	2.78
		+ 30	-3.53	-3.37	-2.87	-2.47
		+ 40	-7.79	-7.71	-7.31	-7.05
		+ 50	-8.36	-8.91	-9.35	-9.11
115%	138	+ 20	-0.07	-0.60	-1.30	-2.03
85%	102	+ 20	2.48	1.55	0.61	-0.18

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

A.7 Radiated Spurious Emission Test Result

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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
	8335.5	49.6	-4.0	45.6	74.0	-28.4	Peak	Horizontal
*	10358.5	67.2	-2.5	64.7	68.2	-3.5	Peak	Horizontal
	11897.0	49.1	-2.8	46.3	74.0	-27.7	Peak	Horizontal
*	16716.5	47.9	5.4	53.3	68.2	-14.9	Peak	Horizontal
	8378.0	48.9	-3.9	45.0	74.0	-29.0	Peak	Vertical
*	10358.5	67.2	-2.5	64.7	68.2	-3.5	Peak	Vertical
	12067.0	49.4	-2.8	46.6	74.0	-27.4	Peak	Vertical
*	14702.0	47.1	3.1	50.2	68.2	-18.0	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	Test Mode	802.11a – Channel 44
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)		Polarization
	8293.0	42.9	2.7	45.6	74.0	-28.4	Peak	Horizontal
*	10435.0	62.1	4.2	66.3	68.2	-1.9	Peak	Horizontal
	12135.0	41.9	5.9	47.8	74.0	-26.2	Peak	Horizontal
*	15093.0	40.4	10.9	51.3	68.2	-16.9	Peak	Horizontal
	8293.0	43.1	2.7	45.8	74.0	-28.2	Peak	Vertical
*	10443.5	59.7	4.2	63.9	68.2	-4.3	Peak	Vertical
	12092.5	41.7	6.2	47.9	74.0	-26.1	Peak	Vertical
*	14625.5	40.6	10.9	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	2023-01-05~2023-01-07	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
	8140.0	43.3	2.6	45.9	74.0	-28.1	Peak	Horizontal
*	10486.0	61.5	4.6	66.1	68.2	-2.1	Peak	Horizontal
	12449.5	42.8	6.7	49.5	74.0	-24.5	Peak	Horizontal
*	14897.5	39.4	10.8	50.2	68.2	-18.0	Peak	Horizontal
	8174.0	43.7	2.6	46.3	74.0	-27.7	Peak	Vertical
*	10477.5	56.3	4.4	60.7	68.2	-7.5	Peak	Vertical
	11990.5	41.8	5.9	47.7	74.0	-26.3	Peak	Vertical
*	14957.0	40.0	10.5	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	2023-01-05~2023-01-07	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
	8233.5	49.7	-4.3	45.4	74.0	-28.6	Peak	Horizontal
*	10511.5	53.4	-2.5	50.9	68.2	-17.3	Peak	Horizontal
	12424.0	49.1	-2.3	46.8	74.0	-27.2	Peak	Horizontal
*	17269.0	47.7	5.6	53.3	68.2	-14.9	Peak	Horizontal
	8318.5	49.6	-4.0	45.6	74.0	-28.4	Peak	Vertical
*	10511.5	55.0	-2.5	52.5	68.2	-15.7	Peak	Vertical
	14498.0	47.9	2.6	50.5	74.0	-23.5	Peak	Vertical
*	17175.5	45.5	5.1	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	2023-01-05~2023-01-07	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
	7570.5	49.6	-5.5	44.1	74.0	-29.9	Peak	Horizontal
*	10596.5	57.5	-2.2	55.3	68.2	-12.9	Peak	Horizontal
*	14073.0	47.6	2.1	49.7	68.2	-18.5	Peak	Horizontal
	15807.0	47.1	3.8	50.9	74.0	-23.1	Peak	Horizontal
	8497.0	49.1	-3.6	45.5	74.0	-28.5	Peak	Vertical
	10605.0	59.4	-2.4	57.0	74.0	-17.0	Peak	Vertical
	10605.0	46.9	-2.4	44.5	54.0	-9.5	Average	Vertical
*	14005.0	47.8	2.1	49.9	68.2	-18.3	Peak	Vertical
*	16614.5	45.6	5.4	51.0	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	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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
	8420.5	49.9	-4.0	45.9	74.0	-28.1	Peak	Horizontal
	10639.0	57.8	-2.4	55.4	74.0	-18.6	Peak	Horizontal
	10639.0	46.4	-2.4	44.0	54.0	-10.0	Average	Horizontal
*	14217.5	47.6	2.4	50.0	68.2	-18.2	Peak	Horizontal
*	16623.0	46.7	5.3	52.0	68.2	-16.2	Peak	Horizontal
*	8947.5	49.4	-3.1	46.3	68.2	-21.9	Peak	Vertical
	10639.0	60.6	-2.4	58.2	74.0	-15.8	Peak	Vertical
	10639.0	47.7	-2.4	45.3	54.0	-8.7	Average	Vertical
*	13121.0	50.1	-1.0	49.1	68.2	-19.1	Peak	Vertical
	15807.0	47.0	3.8	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	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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
	8395.0	50.1	-4.0	46.1	74.0	-27.9	Peak	Horizontal
	10996.0	57.9	-2.5	55.4	74.0	-18.6	Peak	Horizontal
	10996.0	46.0	-2.5	43.5	54.0	-10.5	Average	Horizontal
*	14107.0	47.1	2.2	49.3	68.2	-18.9	Peak	Horizontal
*	17209.5	47.4	5.2	52.6	68.2	-15.6	Peak	Horizontal
	7579.0	50.0	-5.5	44.5	74.0	-29.5	Peak	Vertical
*	9602.0	49.7	-2.8	46.9	68.2	-21.3	Peak	Vertical
	11004.5	63.5	-2.5	61.0	74.0	-13.0	Peak	Vertical
	11004.5	51.9	-2.5	49.4	54.0	-4.6	Average	Vertical
*	14047.5	47.3	2.1	49.4	68.2	-18.8	Peak	Vertical

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

Note 2: Measure Level (dBμV/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	2023-01-05~2023-01-07	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
*	8743.5	49.4	-3.3	46.1	68.2	-22.1	Peak	Horizontal
	11166.0	53.7	-2.8	50.9	74.0	-23.1	Peak	Horizontal
	15790.0	46.3	4.0	50.3	74.0	-23.7	Peak	Horizontal
*	16929.0	46.5	5.9	52.4	68.2	-15.8	Peak	Horizontal
	8259.0	50.0	-4.0	46.0	74.0	-28.0	Peak	Vertical
*	9984.5	49.0	-2.1	46.9	68.2	-21.3	Peak	Vertical
	11157.5	62.8	-2.7	60.1	74.0	-13.9	Peak	Vertical
	11157.5	50.3	-2.7	47.6	54.0	-6.4	Average	Vertical
*	15025.0	46.0	3.3	49.3	68.2	-18.9	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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
*	8709.5	48.8	-3.3	45.5	68.2	-22.7	Peak	Horizontal
	11404.0	59.9	-3.0	56.9	74.0	-17.1	Peak	Horizontal
	11404.0	48.1	-3.0	45.1	54.0	-8.9	Average	Horizontal
	15713.5	45.5	4.1	49.6	74.0	-24.4	Peak	Horizontal
*	17209.5	47.1	5.2	52.3	68.2	-15.9	Peak	Horizontal
	7689.5	50.1	-5.3	44.8	74.0	-29.2	Peak	Vertical
*	9959.0	49.0	-2.1	46.9	68.2	-21.3	Peak	Vertical
	11404.0	63.9	-3.0	60.9	74.0	-13.1	Peak	Vertical
	11404.0	52.4	-3.0	49.4	54.0	-4.6	Average	Vertical
*	14770.0	47.1	3.2	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	2023-01-05~2023-01-07	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
	8437.5	49.9	-3.9	46.0	74.0	-28.0	Peak	Horizontal
	11446.5	57.7	-2.9	54.8	74.0	-19.2	Peak	Horizontal
	11446.5	45.9	-2.9	43.0	54.0	-11.0	Average	Horizontal
*	13996.5	47.5	2.1	49.6	68.2	-18.6	Peak	Horizontal
*	16750.5	46.5	5.3	51.8	68.2	-16.4	Peak	Horizontal
	8395.0	49.8	-4.0	45.8	74.0	-28.2	Peak	Vertical
*	10001.5	48.1	-2.2	45.9	68.2	-22.3	Peak	Vertical
	11438.0	63.2	-2.7	60.5	74.0	-13.5	Peak	Vertical
	11438.0	50.6	-2.7	47.9	54.0	-6.1	Average	Vertical
*	15229.0	46.7	3.9	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	2023-01-05~2023-01-07	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
*	8641.5	48.5	-3.2	45.3	68.2	-22.9	Peak	Horizontal
*	10282.0	48.7	-2.4	46.3	68.2	-21.9	Peak	Horizontal
	11489.0	68.3	-3.2	65.1	74.0	-8.9	Peak	Horizontal
	11489.0	55.1	-3.2	51.9	54.0	-2.1	Average	Horizontal
	15705.0	45.3	4.3	49.6	74.0	-24.4	Peak	Horizontal
	8403.5	49.9	-4.0	45.9	74.0	-28.1	Peak	Vertical
*	10069.5	48.8	-2.3	46.5	68.2	-21.7	Peak	Vertical
	11489.0	70.6	-3.2	67.4	74.0	-6.6	Peak	Vertical
	11489.0	56.7	-3.2	53.5	54.0	-0.5	Average	Vertical
*	13988.0	48.3	2.1	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	2023-01-05~2023-01-07	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
	8182.5	43.4	2.6	46.0	74.0	-28.0	Peak	Horizontal
*	10001.5	43.9	4.5	48.4	68.2	-19.8	Peak	Horizontal
	11565.5	53.9	5.4	59.3	74.0	-14.7	Peak	Horizontal
	11565.5	46.5	5.4	51.9	54.0	-2.1	Average	Horizontal
*	14889.0	40.1	11.0	51.1	68.2	-17.1	Peak	Horizontal
	8429.0	43.1	3.0	46.1	74.0	-27.9	Peak	Vertical
*	10299.0	43.7	4.9	48.6	68.2	-19.6	Peak	Vertical
	11574.0	57.7	5.5	63.2	74.0	-10.8	Peak	Vertical
	11574.0	47.0	5.5	52.5	54.0	-1.5	Average	Vertical
*	13818.0	40.9	9.3	50.2	68.2	-18.0	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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
	8403.5	49.4	-4.0	45.4	74.0	-28.6	Peak	Horizontal
*	9967.5	47.8	-2.1	45.7	68.2	-22.5	Peak	Horizontal
	11650.5	66.1	-2.9	63.2	74.0	-10.8	Peak	Horizontal
	11650.5	53.8	-2.9	50.9	54.0	-3.1	Average	Horizontal
*	14192.0	47.3	2.5	49.8	68.2	-18.4	Peak	Horizontal
	8344.0	49.7	-4.0	45.7	74.0	-28.3	Peak	Vertical
*	9644.5	49.3	-2.8	46.5	68.2	-21.7	Peak	Vertical
	11650.5	66.1	-2.9	63.2	74.0	-10.8	Peak	Vertical
	11650.5	56.4	-2.9	53.5	54.0	-0.5	Average	Vertical
*	14192.0	47.8	2.5	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	2023-01-05~2023-01-07	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
	8420.5	49.9	-4.0	45.9	74.0	-28.1	Peak	Horizontal
*	10358.5	61.6	-2.5	59.1	68.2	-9.1	Peak	Horizontal
	12237.0	49.5	-2.5	47.0	74.0	-27.0	Peak	Horizontal
*	15195.0	46.2	4.0	50.2	68.2	-18.0	Peak	Horizontal
	8267.5	49.0	-4.0	45.0	74.0	-29.0	Peak	Vertical
*	10350.0	62.4	-2.6	59.8	68.2	-8.4	Peak	Vertical
	12092.5	49.7	-2.8	46.9	74.0	-27.1	Peak	Vertical
*	16954.5	46.3	6.0	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	2023-01-05~2023-01-07	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
	8182.5	43.5	2.6	46.1	74.0	-27.9	Peak	Horizontal
*	10452.0	59.6	4.2	63.8	68.2	-4.4	Peak	Horizontal
	11701.5	42.3	5.6	47.9	74.0	-26.1	Peak	Horizontal
*	14591.5	40.2	10.9	51.1	68.2	-17.1	Peak	Horizontal
	8429.0	42.9	3.0	45.9	74.0	-28.1	Peak	Vertical
*	10435.0	58.0	4.2	62.2	68.2	-6.0	Peak	Vertical
	12441.0	41.3	6.6	47.9	74.0	-26.1	Peak	Vertical
*	14217.5	41.8	9.8	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	2023-01-05~2023-01-07	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
*	10477.5	62.5	-2.4	60.1	68.2	-8.1	Peak	Horizontal
	15645.5	46.1	4.1	50.2	74.0	-23.8	Peak	Horizontal
*	16725.0	45.8	5.6	51.4	68.2	-16.8	Peak	Horizontal
	17787.5	46.4	7.1	53.5	74.0	-20.5	Peak	Horizontal
	17787.5	34.1	7.1	41.2	54.0	-12.8	Average	Horizontal
*	10477.5	64.8	-2.4	62.4	68.2	-5.8	Peak	Vertical
	12007.5	48.0	-2.8	45.2	74.0	-28.8	Peak	Vertical
	15586.0	44.9	4.3	49.2	74.0	-24.8	Peak	Vertical
*	17481.5	45.7	6.1	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	2023-01-05~2023-01-07	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
	8403.5	49.3	-4.0	45.3	74.0	-28.7	Peak	Horizontal
*	10520.0	56.8	-2.7	54.1	68.2	-14.1	Peak	Horizontal
	11973.5	49.5	-3.0	46.5	74.0	-27.5	Peak	Horizontal
*	14183.5	47.6	2.5	50.1	68.2	-18.1	Peak	Horizontal
	8293.0	49.5	-3.9	45.6	74.0	-28.4	Peak	Vertical
*	10520.0	57.2	-2.7	54.5	68.2	-13.7	Peak	Vertical
	12024.5	49.4	-2.7	46.7	74.0	-27.3	Peak	Vertical
*	14217.5	47.9	2.4	50.3	68.2	-17.9	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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
	8454.5	50.1	-3.9	46.2	74.0	-27.8	Peak	Horizontal
*	10596.5	55.3	-2.2	53.1	68.2	-15.1	Peak	Horizontal
	11897.0	49.6	-2.8	46.8	74.0	-27.2	Peak	Horizontal
*	15212.0	47.3	3.9	51.2	68.2	-17.0	Peak	Horizontal
	8454.5	49.3	-3.9	45.4	74.0	-28.6	Peak	Vertical
*	10596.5	59.4	-2.2	57.2	68.2	-11.0	Peak	Vertical
	12228.5	49.9	-2.7	47.2	74.0	-26.8	Peak	Vertical
*	14761.5	45.9	3.3	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	2023-01-05~2023-01-07	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
	8471.5	49.6	-3.7	45.9	74.0	-28.1	Peak	Horizontal
	10639.0	59.3	-2.4	56.9	74.0	-17.1	Peak	Horizontal
	10639.0	48.7	-2.4	46.3	54.0	-7.7	Average	Horizontal
*	14090.0	47.8	2.2	50.0	68.2	-18.2	Peak	Horizontal
*	16614.5	47.1	5.4	52.5	68.2	-15.7	Peak	Horizontal
	8344.0	49.2	-4.0	45.2	74.0	-28.8	Peak	Vertical
	10639.0	62.6	-2.4	60.2	74.0	-13.8	Peak	Vertical
	10639.0	51.4	-2.4	49.0	54.0	-5.0	Average	Vertical
*	14175.0	47.9	2.6	50.5	68.2	-17.7	Peak	Vertical
*	17022.5	47.0	5.2	52.2	68.2	-16.0	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	2023-01-05~2023-01-07	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
*	8616.0	47.6	-3.3	44.3	68.2	-23.9	Peak	Horizontal
	11004.5	61.2	-2.5	58.7	74.0	-15.3	Peak	Horizontal
	11004.5	49.2	-2.5	46.7	54.0	-7.3	Average	Horizontal
*	13979.5	46.2	1.9	48.1	68.2	-20.1	Peak	Horizontal
	15645.5	45.2	4.1	49.3	74.0	-24.7	Peak	Horizontal
*	8616.0	48.3	-3.3	45.0	68.2	-23.2	Peak	Vertical
	10996.0	67.8	-2.5	65.3	74.0	-8.7	Peak	Vertical
	10996.0	56.4	-2.5	53.9	54.0	-0.1	Average	Vertical
	13350.5	50.0	-0.5	49.5	74.0	-24.5	Peak	Vertical
*	17252.0	46.6	5.7	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	2023-01-05~2023-01-07	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
	8488.5	49.3	-3.6	45.7	74.0	-28.3	Peak	Horizontal
*	9984.5	47.9	-2.1	45.8	68.2	-22.4	Peak	Horizontal
	11157.5	60.3	-2.7	57.6	74.0	-16.4	Peak	Horizontal
	11157.5	48.5	-2.7	45.8	54.0	-8.2	Average	Horizontal
*	15161.0	46.7	3.8	50.5	68.2	-17.7	Peak	Horizontal
	8344.0	49.4	-4.0	45.4	74.0	-28.6	Peak	Vertical
*	9721.0	48.2	-2.9	45.3	68.2	-22.9	Peak	Vertical
	11157.5	65.7	-2.7	63.0	74.0	-11.0	Peak	Vertical
	11157.5	54.7	-2.7	52.0	54.0	-2.0	Average	Vertical
*	14005.0	47.1	2.1	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	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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
	8352.5	49.1	-4.0	45.1	74.0	-28.9	Peak	Horizontal
*	10231.0	48.7	-2.3	46.4	68.2	-21.8	Peak	Horizontal
	11395.5	58.9	-3.0	55.9	74.0	-18.1	Peak	Horizontal
	11395.5	47.4	-3.0	44.4	54.0	-9.6	Average	Horizontal
*	15118.5	46.2	3.9	50.1	68.2	-18.1	Peak	Horizontal
	8378.0	49.3	-3.9	45.4	74.0	-28.6	Peak	Vertical
*	9653.0	49.2	-2.7	46.5	68.2	-21.7	Peak	Vertical
	11395.5	65.7	-3.0	62.7	74.0	-11.3	Peak	Vertical
	11395.5	53.0	-3.0	50.0	54.0	-4.0	Average	Vertical
*	16614.5	46.4	5.4	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	2023-01-05~2023-01-07	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
	8259.0	49.2	-4.0	45.2	74.0	-28.8	Peak	Horizontal
*	10095.0	48.3	-2.4	45.9	68.2	-22.3	Peak	Horizontal
	11438.0	59.2	-2.7	56.5	74.0	-17.5	Peak	Horizontal
	11438.0	47.5	-2.7	44.8	54.0	-9.2	Average	Horizontal
*	13996.5	47.4	2.1	49.5	68.2	-18.7	Peak	Horizontal
	8395.0	49.1	-4.0	45.1	74.0	-28.9	Peak	Vertical
*	10010.0	48.7	-2.3	46.4	68.2	-21.8	Peak	Vertical
	11438.0	66.1	-2.7	63.4	74.0	-10.6	Peak	Vertical
	11438.0	52.8	-2.7	50.1	54.0	-3.9	Average	Vertical
*	14183.5	47.3	2.5	49.8	68.2	-18.4	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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
	7400.5	49.2	-5.6	43.6	74.0	-30.4	Peak	Horizontal
*	9831.5	49.0	-2.8	46.2	68.2	-22.0	Peak	Horizontal
	11489.0	63.2	-3.2	60.0	74.0	-14.0	Peak	Horizontal
	11489.0	50.9	-3.2	47.7	54.0	-6.3	Average	Horizontal
*	17388.0	46.8	6.0	52.8	68.2	-15.4	Peak	Horizontal
	8446.0	49.8	-3.9	45.9	74.0	-28.1	Peak	Vertical
*	10061.0	49.2	-2.2	47.0	68.2	-21.2	Peak	Vertical
	11489.0	68.8	-3.2	65.6	74.0	-8.4	Peak	Vertical
	11489.0	56.7	-3.2	53.5	54.0	-0.5	Average	Vertical
*	17039.5	47.0	5.3	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	2023-01-05~2023-01-07	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
	11565.5	60.0	-3.2	56.8	74.0	-17.2	Peak	Horizontal
	11565.5	50.3	-3.2	47.1	54.0	-6.9	Average	Horizontal
*	14234.5	47.0	2.5	49.5	68.2	-18.7	Peak	Horizontal
	15934.5	45.4	4.2	49.6	74.0	-24.4	Peak	Horizontal
*	16716.5	46.8	5.4	52.2	68.2	-16.0	Peak	Horizontal
	11574.0	64.5	-3.2	61.3	74.0	-12.7	Peak	Vertical
	11574.0	54.9	-3.2	51.7	54.0	-2.3	Average	Vertical
	15586.0	46.0	4.3	50.3	74.0	-23.7	Peak	Vertical
*	16801.5	45.2	5.3	50.5	68.2	-17.7	Peak	Vertical
*	17583.5	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	2023-01-05~2023-01-07	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
	8335.5	49.8	-4.0	45.8	74.0	-28.2	Peak	Horizontal
*	9712.5	49.1	-2.9	46.2	68.2	-22.0	Peak	Horizontal
	11650.5	64.6	-2.9	61.7	74.0	-12.3	Peak	Horizontal
	11650.5	52.2	-2.9	49.3	54.0	-4.7	Average	Horizontal
*	14209.0	47.1	2.4	49.5	68.2	-18.7	Peak	Horizontal
	8310.0	49.5	-4.0	45.5	74.0	-28.5	Peak	Vertical
*	9959.0	47.8	-2.1	45.7	68.2	-22.5	Peak	Vertical
	11659.0	71.2	-2.9	68.3	74.0	-5.7	Peak	Vertical
	11659.0	56.1	-2.9	53.2	54.0	-0.8	Average	Vertical
*	14761.5	46.9	3.3	50.2	68.2	-18.0	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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
	7485.5	49.6	-5.6	44.0	74.0	-30.0	Peak	Horizontal
*	10375.5	54.3	-2.4	51.9	68.2	-16.3	Peak	Horizontal
	11982.0	49.5	-2.9	46.6	74.0	-27.4	Peak	Horizontal
*	17048.0	46.7	5.4	52.1	68.2	-16.1	Peak	Horizontal
	8310.0	49.4	-4.0	45.4	74.0	-28.6	Peak	Vertical
*	10384.0	55.8	-2.4	53.4	68.2	-14.8	Peak	Vertical
	12602.5	49.3	-2.0	47.3	74.0	-26.7	Peak	Vertical
*	16937.5	46.3	5.9	52.2	68.2	-16.0	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	2023-01-05~2023-01-07	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
*	10452.0	61.2	-2.7	58.5	68.2	-9.7	Peak	Horizontal
	11905.5	48.2	-2.8	45.4	74.0	-28.6	Peak	Horizontal
	15569.0	46.0	4.4	50.4	74.0	-23.6	Peak	Horizontal
*	17600.5	45.7	6.4	52.1	68.2	-16.1	Peak	Horizontal
*	10469.0	64.7	-2.5	62.2	68.2	-6.0	Peak	Vertical
	11999.0	48.5	-2.9	45.6	74.0	-28.4	Peak	Vertical
	15705.0	46.3	4.3	50.6	74.0	-23.4	Peak	Vertical
*	16971.5	45.7	5.7	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	2023-01-05~2023-01-07	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
	8437.5	49.5	-3.9	45.6	74.0	-28.4	Peak	Horizontal
*	10545.5	55.5	-2.7	52.8	68.2	-15.4	Peak	Horizontal
	12007.5	49.7	-2.8	46.9	74.0	-27.1	Peak	Horizontal
*	17473.0	46.1	6.5	52.6	68.2	-15.6	Peak	Horizontal
	8318.5	50.1	-4.0	46.1	74.0	-27.9	Peak	Vertical
*	10537.0	56.1	-2.8	53.3	68.2	-14.9	Peak	Vertical
	12441.0	48.8	-2.5	46.3	74.0	-27.7	Peak	Vertical
*	16623.0	47.2	5.3	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	2023-01-05~2023-01-07	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
	8412.0	49.5	-4.0	45.5	74.0	-28.5	Peak	Horizontal
	10622.0	60.6	-2.4	58.2	74.0	-15.8	Peak	Horizontal
	10622.0	46.8	-2.4	44.4	54.0	-9.6	Average	Horizontal
*	13231.5	48.7	-0.9	47.8	68.2	-20.4	Peak	Horizontal
*	15203.5	46.8	4.0	50.8	68.2	-17.4	Peak	Horizontal
	8284.5	49.1	-4.0	45.1	74.0	-28.9	Peak	Vertical
	10622.0	62.4	-2.4	60.0	74.0	-14.0	Peak	Vertical
	10622.0	49.9	-2.4	47.5	54.0	-6.5	Average	Vertical
*	13996.5	47.1	2.1	49.2	68.2	-19.0	Peak	Vertical
*	17048.0	47.1	5.4	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	2023-01-05~2023-01-07	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
	8174.0	49.8	-4.5	45.3	74.0	-28.7	Peak	Horizontal
	11030.0	58.7	-2.4	56.3	74.0	-17.7	Peak	Horizontal
	11030.0	45.4	-2.4	43.0	54.0	-11.0	Average	Horizontal
*	13138.0	49.7	-0.7	49.0	68.2	-19.2	Peak	Horizontal
*	15033.5	46.7	3.5	50.2	68.2	-18.0	Peak	Horizontal
	8480.0	49.1	-3.6	45.5	74.0	-28.5	Peak	Vertical
	11021.5	65.3	-2.5	62.8	74.0	-11.2	Peak	Vertical
	11021.5	53.3	-2.5	50.8	54.0	-3.2	Average	Vertical
*	14005.0	47.7	2.1	49.8	68.2	-18.4	Peak	Vertical
*	16631.5	46.4	5.3	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	2023-01-05~2023-01-07	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
	8386.5	49.1	-4.0	45.1	74.0	-28.9	Peak	Horizontal
*	10001.5	48.7	-2.2	46.5	68.2	-21.7	Peak	Horizontal
	11089.5	58.2	-2.8	55.4	74.0	-18.6	Peak	Horizontal
	11089.5	47.5	-2.8	44.7	54.0	-9.3	Average	Horizontal
*	16759.0	47.1	5.3	52.4	68.2	-15.8	Peak	Horizontal
	8335.5	49.7	-4.0	45.7	74.0	-28.3	Peak	Vertical
*	9916.5	48.1	-2.6	45.5	68.2	-22.7	Peak	Vertical
	11098.0	64.2	-2.7	61.5	74.0	-12.5	Peak	Vertical
	11098.0	53.8	-2.7	51.1	54.0	-2.9	Average	Vertical
*	14761.5	47.7	3.3	51.0	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	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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
	8327.0	49.2	-4.1	45.1	74.0	-28.9	Peak	Horizontal
*	9976.0	48.4	-2.1	46.3	68.2	-21.9	Peak	Horizontal
	11336.0	61.4	-2.8	58.6	74.0	-15.4	Peak	Horizontal
	11336.0	47.4	-2.8	44.6	54.0	-9.4	Average	Horizontal
*	14183.5	47.7	2.5	50.2	68.2	-18.0	Peak	Horizontal
	8301.5	49.6	-4.0	45.6	74.0	-28.4	Peak	Vertical
*	9984.5	47.9	-2.1	45.8	68.2	-22.4	Peak	Vertical
	11336.0	65.6	-2.8	62.8	74.0	-11.2	Peak	Vertical
	11336.0	54.1	-2.8	51.3	54.0	-2.7	Average	Vertical
*	13920.0	47.3	1.7	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	2023-01-05~2023-01-07	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
	8301.5	49.1	-4.0	45.1	74.0	-28.9	Peak	Horizontal
*	9610.5	49.6	-2.9	46.7	68.2	-21.5	Peak	Horizontal
	11421.0	59.4	-2.8	56.6	74.0	-17.4	Peak	Horizontal
	11421.0	46.8	-2.8	44.0	54.0	-10.0	Average	Horizontal
*	15059.0	46.7	3.6	50.3	68.2	-17.9	Peak	Horizontal
	8344.0	49.8	-4.0	45.8	74.0	-28.2	Peak	Vertical
*	9806.0	49.1	-2.8	46.3	68.2	-21.9	Peak	Vertical
	11412.5	64.6	-2.9	61.7	74.0	-12.3	Peak	Vertical
	11412.5	52.8	-2.9	49.9	54.0	-4.1	Average	Vertical
*	14183.5	47.3	2.5	49.8	68.2	-18.4	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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
	8361.0	49.2	-4.0	45.2	74.0	-28.8	Peak	Horizontal
*	9712.5	50.5	-2.9	47.6	68.2	-20.6	Peak	Horizontal
	11514.5	61.0	-3.2	57.8	74.0	-16.2	Peak	Horizontal
	11514.5	49.7	-3.2	46.5	54.0	-7.5	Average	Horizontal
*	16504.0	47.9	5.0	52.9	68.2	-15.3	Peak	Horizontal
	8131.5	49.7	-4.6	45.1	74.0	-28.9	Peak	Vertical
*	10018.5	49.5	-2.2	47.3	68.2	-20.9	Peak	Vertical
	11506.0	67.0	-3.1	63.9	74.0	-10.1	Peak	Vertical
	11506.0	54.4	-3.1	51.3	54.0	-2.7	Average	Vertical
*	17133.0	47.6	5.1	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	2023-01-05~2023-01-07	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
	8259.0	48.9	-4.0	44.9	74.0	-29.1	Peak	Horizontal
*	9848.5	48.7	-2.6	46.1	68.2	-22.1	Peak	Horizontal
	11591.0	64.3	-2.9	61.4	74.0	-12.6	Peak	Horizontal
	11591.0	51.4	-2.9	48.5	54.0	-5.5	Average	Horizontal
*	14880.5	47.3	3.0	50.3	68.2	-17.9	Peak	Horizontal
	8386.5	50.1	-4.0	46.1	74.0	-27.9	Peak	Vertical
*	9848.5	48.5	-2.6	45.9	68.2	-22.3	Peak	Vertical
	11591.0	68.6	-2.9	65.7	74.0	-8.3	Peak	Vertical
	11591.0	54.3	-2.9	51.4	54.0	-2.6	Average	Vertical
*	15229.0	46.8	3.9	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	2023-01-05~2023-01-07	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
*	10418.0	51.8	-2.6	49.2	68.2	-19.0	Peak	Horizontal
	11956.5	48.7	-2.9	45.8	74.0	-28.2	Peak	Horizontal
	12449.5	49.8	-2.6	47.2	74.0	-26.8	Peak	Horizontal
*	13818.0	47.9	0.7	48.6	68.2	-19.6	Peak	Horizontal
*	10435.0	52.6	-2.7	49.9	68.2	-18.3	Peak	Vertical
	11429.5	49.8	-2.8	47.0	74.0	-27.0	Peak	Vertical
	12441.0	48.3	-2.5	45.8	74.0	-28.2	Peak	Vertical
*	13979.5	47.5	1.9	49.4	68.2	-18.8	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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
*	9899.5	48.2	-2.6	45.6	68.2	-22.6	Peak	Horizontal
	10605.0	53.8	-2.4	51.4	74.0	-22.6	Peak	Horizontal
	11990.5	49.0	-2.9	46.1	74.0	-27.9	Peak	Horizontal
*	13121.0	48.9	-1.0	47.9	68.2	-20.3	Peak	Horizontal
*	10596.5	57.0	-2.2	54.8	68.2	-13.4	Peak	Vertical
	11047.0	50.1	-2.4	47.7	74.0	-26.3	Peak	Vertical
	12058.5	50.3	-2.8	47.5	74.0	-26.5	Peak	Vertical
*	14098.5	47.7	2.2	49.9	68.2	-18.3	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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
*	9823.0	47.6	-2.9	44.7	68.2	-23.5	Peak	Horizontal
	11089.5	53.5	-2.8	50.7	74.0	-23.3	Peak	Horizontal
	12228.5	47.8	-2.7	45.1	74.0	-28.9	Peak	Horizontal
*	13801.0	47.2	0.8	48.0	68.2	-20.2	Peak	Horizontal
*	9772.0	48.8	-2.7	46.1	68.2	-22.1	Peak	Vertical
	11089.5	58.6	-2.8	55.8	74.0	-18.2	Peak	Vertical
	11089.5	46.8	-2.8	44.0	54.0	-10.0	Average	Vertical
	12517.5	48.8	-2.4	46.4	74.0	-27.6	Peak	Vertical
*	13954.0	47.4	1.9	49.3	68.2	-18.9	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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
*	9967.5	49.4	-2.1	47.3	68.2	-20.9	Peak	Horizontal
	11242.5	56.0	-2.6	53.4	74.0	-20.6	Peak	Horizontal
	11242.5	46.9	-2.6	44.3	54.0	-9.7	Average	Horizontal
	12033.0	49.8	-2.7	47.1	74.0	-26.9	Peak	Horizontal
*	13928.5	48.9	1.7	50.6	68.2	-17.6	Peak	Horizontal
*	9950.5	48.6	-2.1	46.5	68.2	-21.7	Peak	Vertical
	11217.0	61.0	-2.8	58.2	74.0	-15.8	Peak	Vertical
	11217.0	50.1	-2.8	47.3	54.0	-6.7	Average	Vertical
	12092.5	49.7	-2.8	46.9	74.0	-27.1	Peak	Vertical
*	14107.0	47.3	2.2	49.5	68.2	-18.7	Peak	Vertical

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

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

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

Test Site	SIP-AC1	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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
*	10035.5	48.9	-2.1	46.8	68.2	-21.4	Peak	Horizontal
	11404.0	54.7	-3.0	51.7	74.0	-22.3	Peak	Horizontal
	11404.0	45.3	-3.0	42.3	54.0	-11.7	Average	Horizontal
	12058.5	48.7	-2.8	45.9	74.0	-28.1	Peak	Horizontal
*	13996.5	47.4	2.1	49.5	68.2	-18.7	Peak	Horizontal
*	10061.0	48.7	-2.2	46.5	68.2	-21.7	Peak	Vertical
	11395.5	60.9	-3.0	57.9	74.0	-16.1	Peak	Vertical
	11395.5	50.0	-3.0	47.0	54.0	-7.0	Average	Vertical
	12356.0	49.8	-2.3	47.5	74.0	-26.5	Peak	Vertical
*	14098.5	47.8	2.2	50.0	68.2	-18.2	Peak	Vertical

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

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

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

Test Site	SIP-AC1	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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
*	9780.5	48.6	-2.7	45.9	68.2	-22.3	Peak	Horizontal
	11557.0	54.4	-3.3	51.1	74.0	-22.9	Peak	Horizontal
	11557.0	44.0	-3.3	40.7	54.0	-13.3	Average	Horizontal
	12262.5	49.9	-2.7	47.2	74.0	-26.8	Peak	Horizontal
*	13792.5	47.5	0.8	48.3	68.2	-19.9	Peak	Horizontal
*	10078.0	49.1	-2.3	46.8	68.2	-21.4	Peak	Vertical
	11574.0	59.8	-3.2	56.6	74.0	-17.4	Peak	Vertical
	11574.0	49.7	-3.2	46.5	54.0	-7.5	Average	Vertical
	12135.0	50.8	-3.1	47.7	74.0	-26.3	Peak	Vertical
*	14183.5	47.8	2.5	50.3	68.2	-17.9	Peak	Vertical

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

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

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

Test Site	SIP-AC1	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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
*	10537.0	53.7	-2.8	50.9	68.2	-17.3	Peak	Horizontal
	11676.0	49.9	-3.0	46.9	74.0	-27.1	Peak	Horizontal
	12602.5	48.9	-2.0	46.9	74.0	-27.1	Peak	Horizontal
*	14030.5	48.1	2.0	50.1	68.2	-18.1	Peak	Horizontal
*	10469.0	52.6	-2.5	50.1	68.2	-18.1	Peak	Vertical
	11897.0	49.2	-2.8	46.4	74.0	-27.6	Peak	Vertical
	12611.0	49.8	-1.9	47.9	74.0	-26.1	Peak	Vertical
*	13988.0	47.9	2.1	50.0	68.2	-18.2	Peak	Vertical

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

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

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

Test Site	SIP-AC1	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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
	8327.0	49.3	-4.1	45.2	74.0	-28.8	Peak	Horizontal
*	10460.5	54.2	-2.6	51.6	68.2	-16.6	Peak	Horizontal
	11778.0	50.4	-3.2	47.2	74.0	-26.8	Peak	Horizontal
*	12925.5	48.5	-1.4	47.1	68.2	-21.1	Peak	Horizontal
*	10469.0	51.8	-2.5	49.3	68.2	-18.9	Peak	Vertical
	11038.5	48.6	-2.4	46.2	74.0	-27.8	Peak	Vertical
	12084.0	49.7	-2.9	46.8	74.0	-27.2	Peak	Vertical
*	14175.0	47.3	2.6	49.9	68.2	-18.3	Peak	Vertical

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

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

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

Test Site	SIP-AC1	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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
*	10358.5	60.8	-2.5	58.3	68.2	-9.9	Peak	Horizontal
	10945.0	48.8	-2.4	46.4	74.0	-27.6	Peak	Horizontal
	11786.5	50.2	-3.2	47.0	74.0	-27.0	Peak	Horizontal
*	13877.5	48.2	1.1	49.3	68.2	-18.9	Peak	Horizontal
*	9729.5	48.1	-2.9	45.2	68.2	-23.0	Peak	Vertical
*	10358.5	60.3	-2.5	57.8	68.2	-10.4	Peak	Vertical
	11166.0	49.0	-2.8	46.2	74.0	-27.8	Peak	Vertical
	12517.5	48.5	-2.4	46.1	74.0	-27.9	Peak	Vertical

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

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

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

Test Site	SIP-AC1	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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
*	10435.0	65.3	-2.7	62.6	68.2	-5.6	Peak	Horizontal
	12602.5	47.5	-2.0	45.5	74.0	-28.5	Peak	Horizontal
	15654.0	46.8	4.1	50.9	74.0	-23.1	Peak	Horizontal
*	17575.0	46.0	6.4	52.4	68.2	-15.8	Peak	Horizontal
*	10443.5	62.4	-2.7	59.7	68.2	-8.5	Peak	Vertical
	12296.5	47.9	-2.4	45.5	74.0	-28.5	Peak	Vertical
	15679.5	46.2	4.1	50.3	74.0	-23.7	Peak	Vertical
*	16937.5	45.2	5.9	51.1	68.2	-17.1	Peak	Vertical

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

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

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

Test Site	SIP-AC1	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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
*	10477.5	62.6	-2.4	60.2	68.2	-8.0	Peak	Horizontal
	12475.0	47.9	-2.5	45.4	74.0	-28.6	Peak	Horizontal
	15926.0	46.1	4.2	50.3	74.0	-23.7	Peak	Horizontal
*	16971.5	45.3	5.7	51.0	68.2	-17.2	Peak	Horizontal
*	10486.0	65.1	-2.3	62.8	68.2	-5.4	Peak	Vertical
	11897.0	48.1	-2.8	45.3	74.0	-28.7	Peak	Vertical
	15705.0	45.5	4.3	49.8	74.0	-24.2	Peak	Vertical
*	16963.0	45.9	6.0	51.9	68.2	-16.3	Peak	Vertical

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

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

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

Test Site	SIP-AC1	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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
*	10358.5	59.7	-2.5	57.2	68.2	-11.0	Peak	Horizontal
	11786.5	49.3	-3.2	46.1	74.0	-27.9	Peak	Horizontal
	12628.0	49.1	-2.0	47.1	74.0	-26.9	Peak	Horizontal
*	14141.0	47.1	2.2	49.3	68.2	-18.9	Peak	Horizontal
*	10358.5	61.5	-2.5	59.0	68.2	-9.2	Peak	Vertical
	11123.5	48.1	-2.6	45.5	74.0	-28.5	Peak	Vertical
	11897.0	49.4	-2.8	46.6	74.0	-27.4	Peak	Vertical
*	14073.0	47.5	2.1	49.6	68.2	-18.6	Peak	Vertical

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

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

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

Test Site	SIP-AC1	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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
*	9865.5	48.4	-2.5	45.9	68.2	-22.3	Peak	Horizontal
	10605.0	57.1	-2.4	54.7	74.0	-19.3	Peak	Horizontal
	10605.0	48.7	-2.4	46.3	54.0	-7.7	Average	Horizontal
	12024.5	49.4	-2.7	46.7	74.0	-27.3	Peak	Horizontal
*	13988.0	47.1	2.1	49.2	68.2	-19.0	Peak	Horizontal
*	9984.5	48.2	-2.1	46.1	68.2	-22.1	Peak	Vertical
	10605.0	58.5	-2.4	56.1	74.0	-17.9	Peak	Vertical
	10605.0	47.4	-2.4	45.0	54.0	-9.0	Average	Vertical
	12067.0	49.2	-2.8	46.4	74.0	-27.6	Peak	Vertical
*	13996.5	47.8	2.1	49.9	68.2	-18.3	Peak	Vertical

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

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

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

Test Site	SIP-AC1	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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
*	9644.5	48.6	-2.8	45.8	68.2	-22.4	Peak	Horizontal
	10639.0	60.6	-2.4	58.2	74.0	-15.8	Peak	Horizontal
	10639.0	49.0	-2.4	46.6	54.0	-7.4	Average	Horizontal
	12492.0	49.1	-2.4	46.7	74.0	-27.3	Peak	Horizontal
*	13877.5	48.3	1.1	49.4	68.2	-18.8	Peak	Horizontal
*	10035.5	47.9	-2.1	45.8	68.2	-22.4	Peak	Vertical
	10639.0	60.2	-2.4	57.8	74.0	-16.2	Peak	Vertical
	10639.0	52.1	-2.4	49.7	54.0	-4.3	Average	Vertical
	11973.5	50.7	-3.0	47.7	74.0	-26.3	Peak	Vertical
*	13937.0	47.7	1.7	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-AC1	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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
*	9933.5	48.2	-2.3	45.9	68.2	-22.3	Peak	Horizontal
	10996.0	58.2	-2.5	55.7	74.0	-18.3	Peak	Horizontal
	10996.0	49.8	-2.5	47.3	54.0	-6.7	Average	Horizontal
	12033.0	49.4	-2.7	46.7	74.0	-27.3	Peak	Horizontal
*	14183.5	47.3	2.5	49.8	68.2	-18.4	Peak	Horizontal
*	9993.0	48.0	-2.2	45.8	68.2	-22.4	Peak	Vertical
	10996.0	64.3	-2.5	61.8	74.0	-12.2	Peak	Vertical
	10996.0	54.1	-2.5	51.6	54.0	-2.4	Average	Vertical
	12109.5	49.3	-3.0	46.3	74.0	-27.7	Peak	Vertical
*	13954.0	47.7	1.9	49.6	68.2	-18.6	Peak	Vertical

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

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

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

Test Site	SIP-AC1	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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
*	9831.5	49.6	-2.8	46.8	68.2	-21.4	Peak	Horizontal
	11157.5	57.0	-2.7	54.3	74.0	-19.7	Peak	Horizontal
	11157.5	47.3	-2.7	44.6	54.0	-9.4	Average	Horizontal
	12237.0	49.3	-2.5	46.8	74.0	-27.2	Peak	Horizontal
*	13954.0	48.5	1.9	50.4	68.2	-17.8	Peak	Horizontal
*	9653.0	49.6	-2.7	46.9	68.2	-21.3	Peak	Vertical
	11157.5	63.1	-2.7	60.4	74.0	-13.6	Peak	Vertical
	11157.5	53.9	-2.7	51.2	54.0	-2.8	Average	Vertical
	12152.0	49.0	-3.2	45.8	74.0	-28.2	Peak	Vertical
*	14064.5	48.9	2.2	51.1	68.2	-17.1	Peak	Vertical

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

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

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

Test Site	SIP-AC1	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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
*	9857.0	47.3	-2.4	44.9	68.2	-23.3	Peak	Horizontal
	11412.5	57.0	-2.9	54.1	74.0	-19.9	Peak	Horizontal
	11412.5	46.0	-2.9	43.1	54.0	-10.9	Average	Horizontal
	12058.5	48.5	-2.8	45.7	74.0	-28.3	Peak	Horizontal
*	13886.0	48.2	1.3	49.5	68.2	-18.7	Peak	Horizontal
*	10018.5	49.4	-2.2	47.2	68.2	-21.0	Peak	Vertical
	11395.5	61.8	-3.0	58.8	74.0	-15.2	Peak	Vertical
	11395.5	51.1	-3.0	48.1	54.0	-5.9	Average	Vertical
	12407.0	48.7	-2.3	46.4	74.0	-27.6	Peak	Vertical
*	13954.0	47.8	1.9	49.7	68.2	-18.5	Peak	Vertical

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

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

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

Test Site	SIP-AC1	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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
*	9993.0	48.0	-2.2	45.8	68.2	-22.4	Peak	Horizontal
	11438.0	55.8	-2.7	53.1	74.0	-20.9	Peak	Horizontal
	11438.0	46.3	-2.7	43.6	54.0	-10.4	Average	Horizontal
	12305.0	49.2	-2.5	46.7	74.0	-27.3	Peak	Horizontal
*	13894.5	47.2	1.3	48.5	68.2	-19.7	Peak	Horizontal
*	10035.5	48.9	-2.1	46.8	68.2	-21.4	Peak	Vertical
	11446.5	65.0	-2.9	62.1	74.0	-11.9	Peak	Vertical
	11446.5	52.7	-2.9	49.8	54.0	-4.2	Average	Vertical
	12330.5	48.3	-2.5	45.8	74.0	-28.2	Peak	Vertical
*	14081.5	47.9	2.2	50.1	68.2	-18.1	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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
*	9933.5	48.1	-2.3	45.8	68.2	-22.4	Peak	Horizontal
	11489.0	63.1	-3.2	59.9	74.0	-14.1	Peak	Horizontal
	11489.0	53.1	-3.2	49.9	54.0	-4.1	Average	Horizontal
	12254.0	49.0	-2.8	46.2	74.0	-27.8	Peak	Horizontal
*	14013.5	47.2	2.0	49.2	68.2	-19.0	Peak	Horizontal
*	10350.0	47.2	-2.6	44.6	68.2	-23.6	Peak	Vertical
	11489.0	67.2	-3.2	64.0	74.0	-10.0	Peak	Vertical
	11489.0	57.0	-3.2	53.8	54.0	-0.2	Average	Vertical
	12237.0	49.0	-2.5	46.5	74.0	-27.5	Peak	Vertical
*	14192.0	47.2	2.5	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	2023-01-05~2023-01-07	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
*	9993.0	48.1	-2.2	45.9	68.2	-22.3	Peak	Horizontal
	11574.0	65.3	-3.2	62.1	74.0	-11.9	Peak	Horizontal
	12441.0	47.8	-2.5	45.3	74.0	-28.7	Peak	Horizontal
*	13996.5	47.0	2.1	49.1	68.2	-19.1	Peak	Horizontal
*	10103.5	48.0	-2.5	45.5	68.2	-22.7	Peak	Vertical
	11574.0	65.1	-3.2	61.9	74.0	-12.1	Peak	Vertical
	11574.0	56.2	-3.2	53.0	54.0	-1.0	Average	Vertical
	12254.0	48.8	-2.8	46.0	74.0	-28.0	Peak	Vertical
*	13979.5	47.7	1.9	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	2023-01-05~2023-01-07	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
*	9942.0	48.2	-2.2	46.0	68.2	-22.2	Peak	Horizontal
	11650.5	64.0	-2.9	61.1	74.0	-12.9	Peak	Horizontal
	11650.5	54.3	-2.9	51.4	54.0	-2.6	Average	Horizontal
	12237.0	49.3	-2.5	46.8	74.0	-27.2	Peak	Horizontal
*	13996.5	47.9	2.1	50.0	68.2	-18.2	Peak	Horizontal
*	9857.0	47.6	-2.4	45.2	68.2	-23.0	Peak	Vertical
	10843.0	48.9	-2.8	46.1	74.0	-27.9	Peak	Vertical
	11650.5	64.6	-2.9	61.7	74.0	-12.3	Peak	Vertical
	11650.5	54.6	-2.9	51.7	54.0	-2.3	Average	Vertical
*	13988.0	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-AC1	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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
*	10375.5	52.3	-2.4	49.9	68.2	-18.3	Peak	Horizontal
	11361.5	49.8	-2.7	47.1	74.0	-26.9	Peak	Horizontal
	12254.0	49.0	-2.8	46.2	74.0	-27.8	Peak	Horizontal
*	14209.0	47.4	2.4	49.8	68.2	-18.4	Peak	Horizontal
*	10384.0	55.7	-2.4	53.3	68.2	-14.9	Peak	Vertical
	11599.5	48.7	-2.9	45.8	74.0	-28.2	Peak	Vertical
	12024.5	49.6	-2.7	46.9	74.0	-27.1	Peak	Vertical
*	14081.5	47.5	2.2	49.7	68.2	-18.5	Peak	Vertical

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

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

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

Test Site	SIP-AC1	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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
*	10469.0	61.6	-2.5	59.1	68.2	-9.1	Peak	Horizontal
	12279.5	47.8	-2.5	45.3	74.0	-28.7	Peak	Horizontal
	15603.0	45.7	4.1	49.8	74.0	-24.2	Peak	Horizontal
*	16699.5	45.8	5.1	50.9	68.2	-17.3	Peak	Horizontal
*	10469.0	64.6	-2.5	62.1	68.2	-6.1	Peak	Vertical
	12322.0	48.0	-2.4	45.6	74.0	-28.4	Peak	Vertical
	15518.0	45.6	4.2	49.8	74.0	-24.2	Peak	Vertical
*	16997.0	45.5	5.3	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-AC1	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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
*	10537.0	56.1	-2.8	53.3	68.2	-14.9	Peak	Horizontal
	11684.5	48.8	-3.0	45.8	74.0	-28.2	Peak	Horizontal
	12228.5	49.2	-2.7	46.5	74.0	-27.5	Peak	Horizontal
*	14090.0	47.6	2.2	49.8	68.2	-18.4	Peak	Horizontal
*	10537.0	56.3	-2.8	53.5	68.2	-14.7	Peak	Vertical
	11319.0	49.0	-2.7	46.3	74.0	-27.7	Peak	Vertical
	12313.5	48.4	-2.5	45.9	74.0	-28.1	Peak	Vertical
*	14124.0	47.7	2.2	49.9	68.2	-18.3	Peak	Vertical

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

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

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

Test Site	SIP-AC1	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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
*	9959.0	48.6	-2.1	46.5	68.2	-21.7	Peak	Horizontal
	10622.0	54.2	-2.4	51.8	74.0	-22.2	Peak	Horizontal
	10622.0	43.8	-2.4	41.4	54.0	-12.6	Average	Horizontal
	12033.0	48.8	-2.7	46.1	74.0	-27.9	Peak	Horizontal
*	14107.0	47.6	2.2	49.8	68.2	-18.4	Peak	Horizontal
*	9644.5	48.7	-2.8	45.9	68.2	-22.3	Peak	Vertical
	10622.0	57.6	-2.4	55.2	74.0	-18.8	Peak	Vertical
	10622.0	48.0	-2.4	45.6	54.0	-8.4	Average	Vertical
	11880.0	50.1	-3.0	47.1	74.0	-26.9	Peak	Vertical
*	13996.5	47.9	2.1	50.0	68.2	-18.2	Peak	Vertical

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

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

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

Test Site	SIP-AC1	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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
*	9908.0	48.4	-2.6	45.8	68.2	-22.4	Peak	Horizontal
	11021.5	58.4	-2.5	55.9	74.0	-18.1	Peak	Horizontal
	11021.5	49.7	-2.5	47.2	54.0	-6.8	Average	Horizontal
	12245.5	48.9	-2.7	46.2	74.0	-27.8	Peak	Horizontal
*	14183.5	47.7	2.5	50.2	68.2	-18.0	Peak	Horizontal
*	9993.0	48.8	-2.2	46.6	68.2	-21.6	Peak	Vertical
	11021.5	62.9	-2.5	60.4	74.0	-13.6	Peak	Vertical
	11021.5	53.7	-2.5	51.2	54.0	-2.8	Average	Vertical
	12050.0	49.6	-2.9	46.7	74.0	-27.3	Peak	Vertical
*	14107.0	47.7	2.2	49.9	68.2	-18.3	Peak	Vertical

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

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

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

Test Site	SIP-AC1	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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
*	10086.5	48.4	-2.4	46.0	68.2	-22.2	Peak	Horizontal
	11098.0	57.4	-2.7	54.7	74.0	-19.3	Peak	Horizontal
	11098.0	47.1	-2.7	44.4	54.0	-9.6	Average	Horizontal
	12211.5	49.2	-2.8	46.4	74.0	-27.6	Peak	Horizontal
*	14081.5	47.4	2.2	49.6	68.2	-18.6	Peak	Horizontal
*	9908.0	49.2	-2.6	46.6	68.2	-21.6	Peak	Vertical
	11098.0	62.3	-2.7	59.6	74.0	-14.4	Peak	Vertical
	11098.0	53.1	-2.7	50.4	54.0	-3.6	Average	Vertical
	11956.5	49.9	-2.9	47.0	74.0	-27.0	Peak	Vertical
*	13988.0	47.9	2.1	50.0	68.2	-18.2	Peak	Vertical

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

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

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

Test Site	SIP-AC1	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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
*	10095.0	49.6	-2.4	47.2	68.2	-21.0	Peak	Horizontal
	11336.0	57.3	-2.8	54.5	74.0	-19.5	Peak	Horizontal
	11336.0	46.5	-2.8	43.7	54.0	-10.3	Average	Horizontal
	12016.0	49.5	-2.7	46.8	74.0	-27.2	Peak	Horizontal
*	13061.5	48.6	-1.0	47.6	68.2	-20.6	Peak	Horizontal
*	9942.0	49.0	-2.2	46.8	68.2	-21.4	Peak	Vertical
	11336.0	62.2	-2.8	59.4	74.0	-14.6	Peak	Vertical
	11336.0	52.1	-2.8	49.3	54.0	-4.7	Average	Vertical
	12577.0	49.7	-2.3	47.4	74.0	-26.6	Peak	Vertical
*	14090.0	47.9	2.2	50.1	68.2	-18.1	Peak	Vertical

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

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

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

Test Site	SIP-AC1	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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
*	10290.5	48.1	-2.3	45.8	68.2	-22.4	Peak	Horizontal
	11421.0	55.5	-2.8	52.7	74.0	-21.3	Peak	Horizontal
	11421.0	45.2	-2.8	42.4	54.0	-11.6	Average	Horizontal
	12509.0	49.7	-2.5	47.2	74.0	-26.8	Peak	Horizontal
*	13911.5	47.4	1.6	49.0	68.2	-19.2	Peak	Horizontal
*	10299.0	48.7	-2.1	46.6	68.2	-21.6	Peak	Vertical
	11421.0	61.1	-2.8	58.3	74.0	-15.7	Peak	Vertical
	11421.0	51.2	-2.8	48.4	54.0	-5.6	Average	Vertical
	12322.0	48.8	-2.4	46.4	74.0	-27.6	Peak	Vertical
*	14115.5	47.4	2.2	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	2023-01-05~2023-01-07	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
	10911.0	50.1	-2.4	47.7	74.0	-26.3	Peak	Horizontal
	11514.5	62.5	-3.2	59.3	74.0	-14.7	Peak	Horizontal
	11514.5	51.7	-3.2	48.5	54.0	-5.5	Average	Horizontal
*	12891.5	51.1	-1.4	49.7	68.2	-18.5	Peak	Horizontal
*	14005.0	49.8	2.1	51.9	68.2	-16.3	Peak	Horizontal
*	10035.5	50.2	-2.1	48.1	68.2	-20.1	Peak	Vertical
	11497.5	67.2	-3.2	64.0	74.0	-10.0	Peak	Vertical
	11497.5	54.7	-3.2	51.5	54.0	-2.5	Average	Vertical
	12517.5	51.3	-2.4	48.9	74.0	-25.1	Peak	Vertical
*	14098.5	49.3	2.2	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	2023-01-05~2023-01-07	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
	9143.0	49.9	-3.3	46.6	74.0	-27.4	Peak	Horizontal
*	10282.0	50.4	-2.4	48.0	68.2	-20.2	Peak	Horizontal
	11599.5	64.7	-2.9	61.8	74.0	-12.2	Peak	Horizontal
	11599.5	52.0	-2.9	49.1	54.0	-4.9	Average	Horizontal
*	13095.5	52.0	-1.2	50.8	68.2	-17.4	Peak	Horizontal
	9058.0	50.9	-3.3	47.6	74.0	-26.4	Peak	Vertical
*	10443.5	50.6	-2.7	47.9	68.2	-20.3	Peak	Vertical
	11582.5	64.7	-3.1	61.6	74.0	-12.4	Peak	Vertical
	11582.5	52.2	-3.1	49.1	54.0	-4.9	Average	Vertical
*	14090.0	49.8	2.2	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-AC1	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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
*	10443.5	56.9	-2.7	54.2	68.2	-14.0	Peak	Horizontal
	11438.0	50.9	-2.7	48.2	74.0	-25.8	Peak	Horizontal
	12092.5	51.0	-2.8	48.2	74.0	-25.8	Peak	Horizontal
*	13138.0	50.9	-0.7	50.2	68.2	-18.0	Peak	Horizontal
*	10409.5	57.3	-2.4	54.9	68.2	-13.3	Peak	Vertical
	11982.0	51.7	-2.9	48.8	74.0	-25.2	Peak	Vertical
*	12900.0	50.9	-1.4	49.5	68.2	-18.7	Peak	Vertical
*	14192.0	49.2	2.5	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-AC1	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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
*	8786.0	52.3	-3.3	49.0	68.2	-19.2	Peak	Horizontal
	10605.0	57.6	-2.4	55.2	74.0	-18.8	Peak	Horizontal
	10605.0	46.4	-2.4	44.0	54.0	-10.0	Average	Horizontal
	12067.0	52.0	-2.8	49.2	74.0	-24.8	Peak	Horizontal
*	13044.5	51.2	-1.0	50.2	68.2	-18.0	Peak	Horizontal
*	9840.0	50.7	-2.7	48.0	68.2	-20.2	Peak	Vertical
	10605.0	57.6	-2.4	55.2	74.0	-18.8	Peak	Vertical
	10605.0	47.0	-2.4	44.6	54.0	-9.4	Average	Vertical
	11990.5	51.1	-2.9	48.2	74.0	-25.8	Peak	Vertical
*	14039.0	49.0	2.1	51.1	68.2	-17.1	Peak	Vertical

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

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

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

Test Site	SIP-AC1	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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
*	9959.0	49.4	-2.1	47.3	68.2	-20.9	Peak	Horizontal
	11047.0	56.3	-2.4	53.9	74.0	-20.1	Peak	Horizontal
	11047.0	45.5	-2.4	43.1	54.0	-10.9	Average	Horizontal
	12067.0	51.5	-2.8	48.7	74.0	-25.3	Peak	Horizontal
*	13809.5	50.4	0.8	51.2	68.2	-17.0	Peak	Horizontal
*	10069.5	50.7	-2.3	48.4	68.2	-19.8	Peak	Vertical
	11047.0	61.4	-2.4	59.0	74.0	-15.0	Peak	Vertical
	11047.0	51.0	-2.4	48.6	54.0	-5.4	Average	Vertical
	12220.0	50.8	-2.9	47.9	74.0	-26.1	Peak	Vertical
*	13928.5	49.5	1.7	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-AC1	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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
*	9984.5	50.0	-2.1	47.9	68.2	-20.3	Peak	Horizontal
	11047.0	56.0	-2.4	53.6	74.0	-20.4	Peak	Horizontal
	11047.0	44.9	-2.4	42.5	54.0	-11.5	Average	Horizontal
	12262.5	51.0	-2.7	48.3	74.0	-25.7	Peak	Horizontal
*	14217.5	49.8	2.4	52.2	68.2	-16.0	Peak	Horizontal
*	9763.5	50.8	-2.7	48.1	68.2	-20.1	Peak	Vertical
	11064.0	60.6	-2.8	57.8	74.0	-16.2	Peak	Vertical
	11064.0	49.7	-2.8	46.9	54.0	-7.1	Average	Vertical
	12500.5	50.6	-2.4	48.2	74.0	-25.8	Peak	Vertical
*	13886.0	50.1	1.3	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-AC1	Test Engineer	Arvin Ding
Test Date	2023-01-05~2023-01-07	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
	11378.5	58.1	-2.9	55.2	74.0	-18.8	Peak	Horizontal
	11378.5	47.7	-2.9	44.8	54.0	-9.2	Average	Horizontal
	11684.5	49.9	-3.0	46.9	74.0	-27.1	Peak	Horizontal
*	12891.5	50.5	-1.4	49.1	68.2	-19.1	Peak	Horizontal
*	14183.5	48.8	2.5	51.3	68.2	-16.9	Peak	Horizontal
	10928.0	50.3	-2.4	47.9	74.0	-26.1	Peak	Vertical
	11378.5	63.5	-2.9	60.6	74.0	-13.4	Peak	Vertical
	11378.5	52.5	-2.9	49.6	54.0	-4.4	Average	Vertical
*	13129.5	51.0	-0.9	50.1	68.2	-18.1	Peak	Vertical
*	14005.0	49.3	2.1	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	2023-01-05~2023-01-07	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
*	9593.5	49.3	-2.8	46.5	68.2	-21.7	Peak	Horizontal
*	10282.0	49.1	-2.4	46.7	68.2	-21.5	Peak	Horizontal
	11574.0	57.5	-3.2	54.3	74.0	-19.7	Peak	Horizontal
	11574.0	46.7	-3.2	43.5	54.0	-10.5	Average	Horizontal
	12356.0	51.2	-2.3	48.9	74.0	-25.1	Peak	Horizontal
*	9993.0	49.6	-2.2	47.4	68.2	-20.8	Peak	Vertical
	11548.5	59.0	-3.3	55.7	74.0	-18.3	Peak	Vertical
	11548.5	48.8	-3.3	45.5	54.0	-8.5	Average	Vertical
	12254.0	51.1	-2.8	48.3	74.0	-25.7	Peak	Vertical
*	13070.0	50.4	-1.0	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	2023-01-05~2023-01-07	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
*	10469.0	55.0	-2.5	52.5	68.2	-15.7	Peak	Horizontal
	11625.0	51.9	-3.0	48.9	74.0	-25.1	Peak	Horizontal
	12296.5	51.0	-2.4	48.6	74.0	-25.4	Peak	Horizontal
*	13733.0	50.1	0.5	50.6	68.2	-17.6	Peak	Horizontal
*	10554.0	55.2	-2.6	52.6	68.2	-15.6	Peak	Vertical
	11336.0	49.8	-2.8	47.0	74.0	-27.0	Peak	Vertical
	12339.0	51.3	-2.5	48.8	74.0	-25.2	Peak	Vertical
*	13852.0	49.4	1.0	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	2023-01-05~2023-01-07	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
*	9857.0	50.5	-2.4	48.1	68.2	-20.1	Peak	Horizontal
	11098.0	54.8	-2.7	52.1	74.0	-21.9	Peak	Horizontal
	11098.0	43.9	-2.7	41.2	54.0	-12.8	Average	Horizontal
	12084.0	51.4	-2.9	48.5	74.0	-25.5	Peak	Horizontal
*	13053.0	50.8	-1.0	49.8	68.2	-18.4	Peak	Horizontal
*	10188.5	49.7	-2.7	47.0	68.2	-21.2	Peak	Vertical
	11132.0	60.3	-2.6	57.7	74.0	-16.3	Peak	Vertical
	11132.0	49.7	-2.6	47.1	54.0	-6.9	Average	Vertical
	12169.0	51.9	-3.2	48.7	74.0	-25.3	Peak	Vertical
*	14030.5	49.1	2.0	51.1	68.2	-17.1	Peak	Vertical

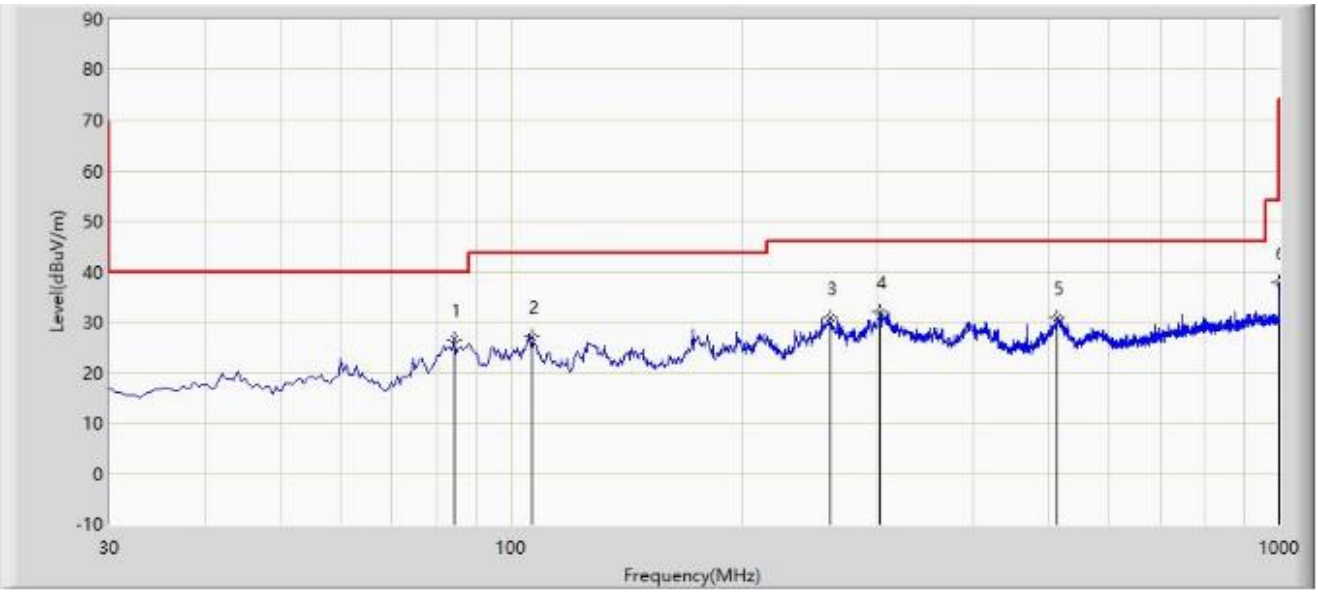
Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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)

The Result of Radiated Emission below 1GHz:

Site: SIP-AC3	Test Date: 2023-01-05
Limit: FCC_Part15.209_RSE(3m)	Engineer: Wayne Wang
Probe: VULB 9168_00997_25-2000MHz	Polarity: Horizontal
EUT: Tri-band Wi-Fi 6E Wireless AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5745MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	84.320	26.653	14.114	-13.347	40.000	12.539	PK
2		106.630	27.136	12.692	-16.364	43.500	14.444	PK
3		259.890	30.735	13.802	-15.265	46.000	16.933	PK
4		302.570	31.951	13.478	-14.049	46.000	18.473	PK
5		514.515	30.879	7.285	-15.121	46.000	23.594	PK
6		1000.000	37.822	7.575	-16.178	54.000	30.247	PK

Note 1: " * ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Note 4: Quasi-Peak measurement was not performed when peak measure level was lower than the quasi-peak limit.

Note 5: The amplitude of radiated emissions (frequency range from 9kHz to 30MHz and 18GHz to 40GHz) is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value. Therefore, the data is not presented in the report.