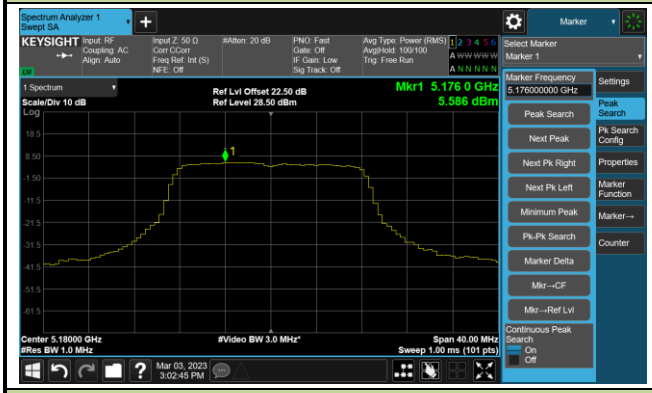
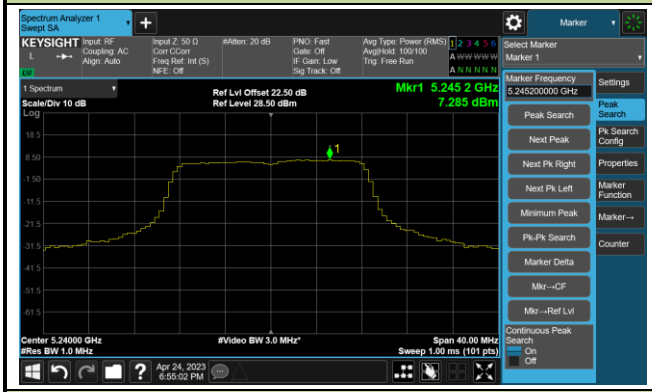
802.11a Power Spectral Density- Ant 3

Channel 36 (5180MHz)

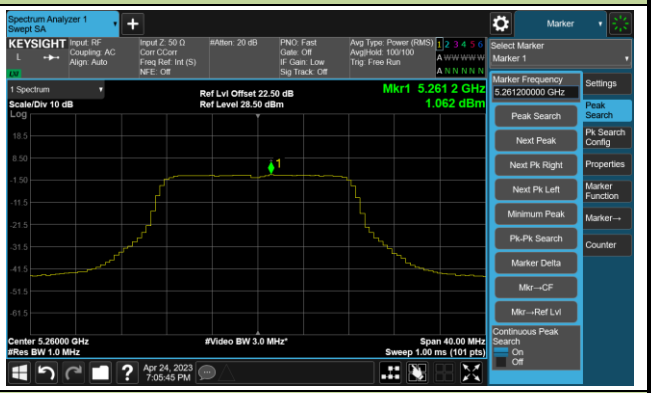


Channel 44 (5220MHz)

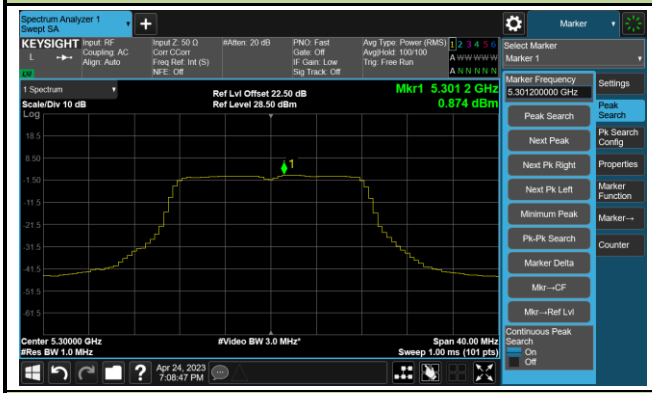
Channel 48 (5240MHz)



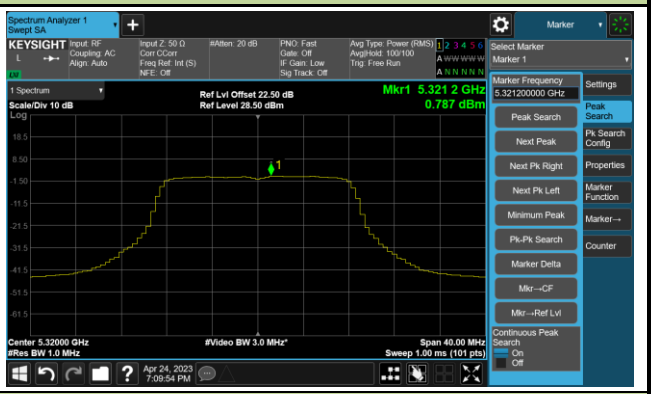
Channel 52 (5260MHz)



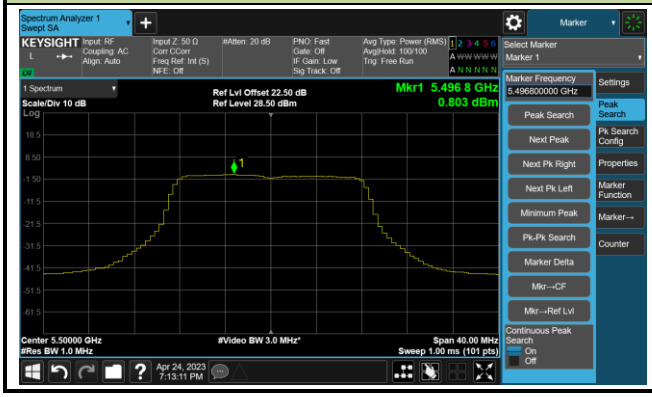
Channel 60 (5300MHz)



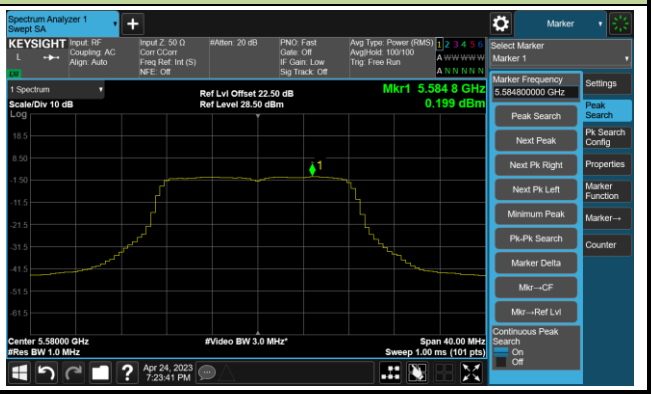
Channel 64 (5320MHz)

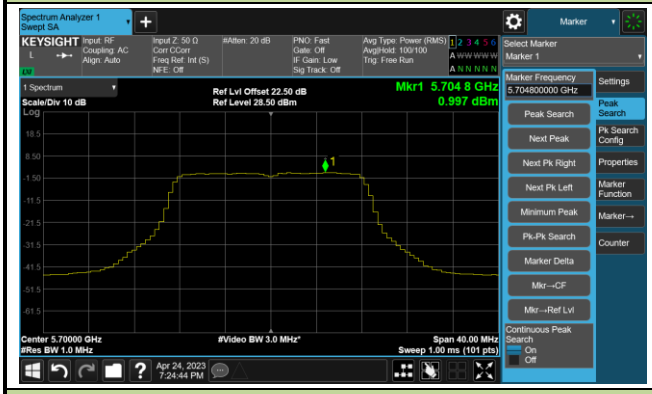
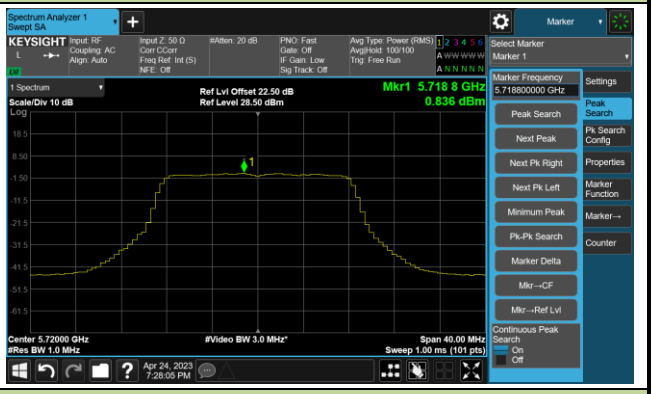
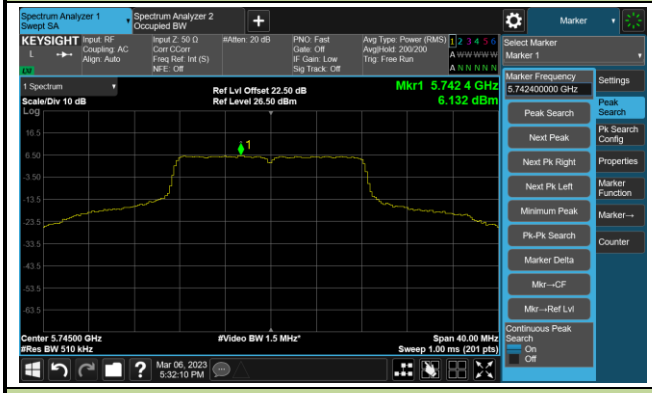
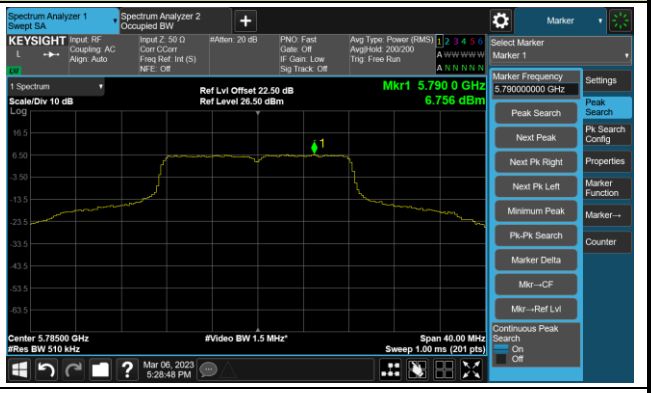
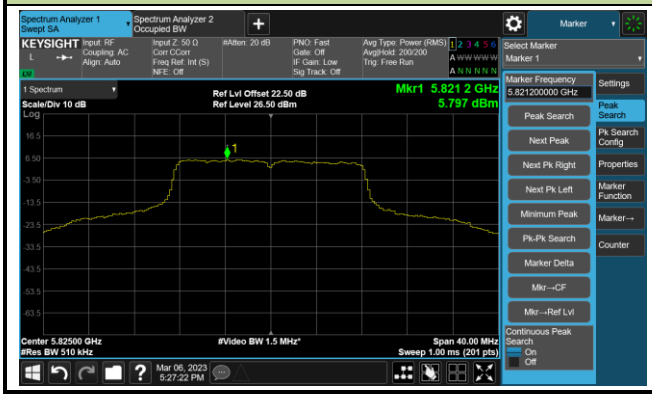


Channel 100 (5500MHz)



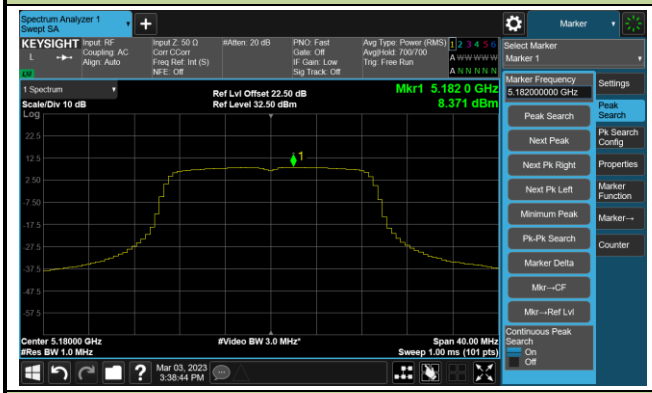
Channel 116 (5580MHz)



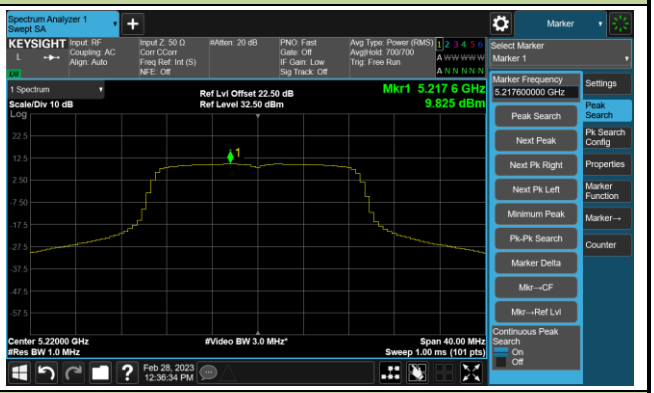
802.11a Power Spectral Density- Ant 3	
Channel 140 (5700MHz)	Channel 144(5720MHz)
	
Channel 149 (5745MHz)	Channel 157 (5785MHz)
	
Channel 165 (5825MHz)	
	

802.11ac-VHT20 Power Spectral Density- Ant 3

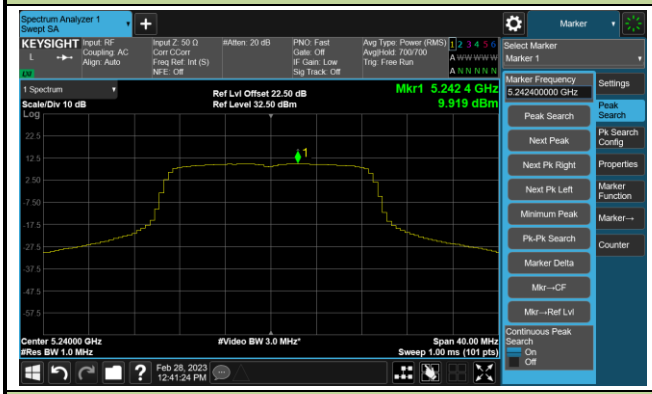
Channel 36 (5180MHz)



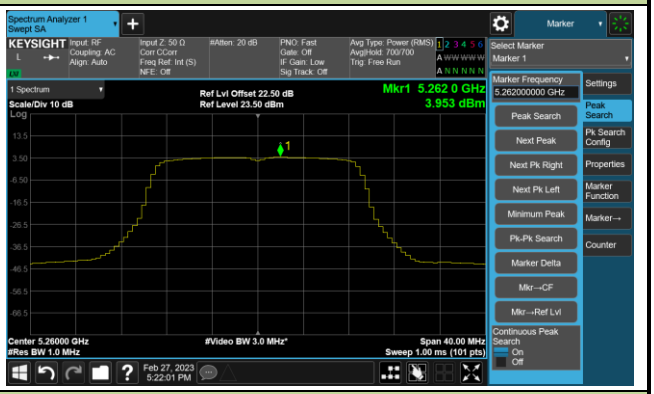
Channel 44 (5220MHz)



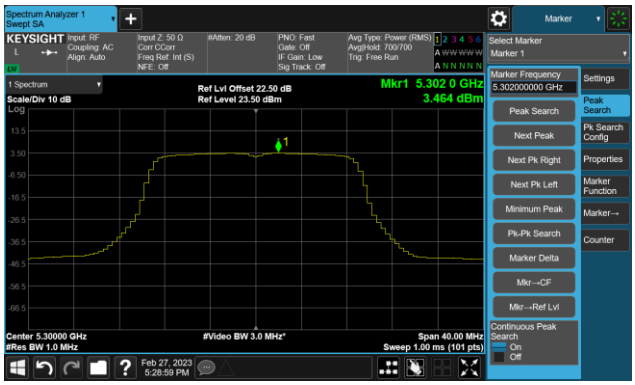
Channel 48 (5240MHz)



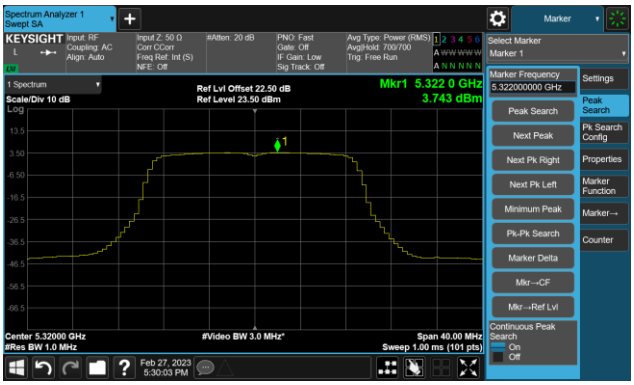
Channel 52 (5260MHz)



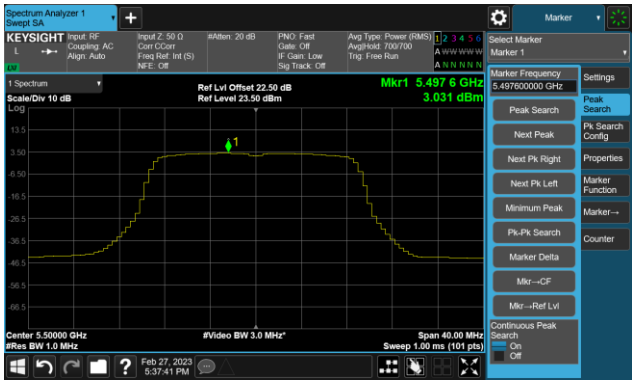
Channel 60 (5300MHz)



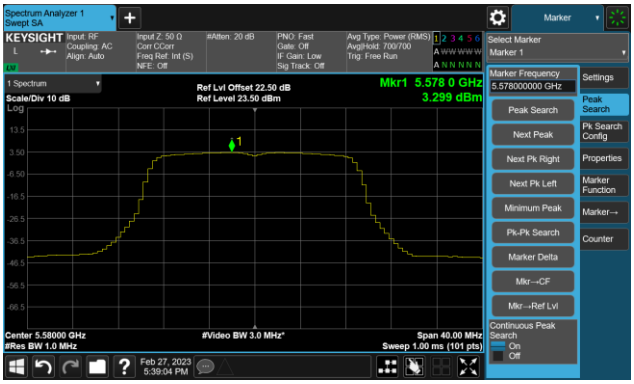
Channel 64 (5320MHz)

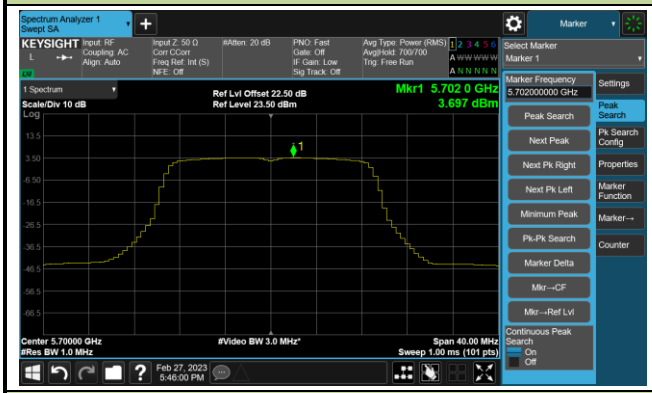
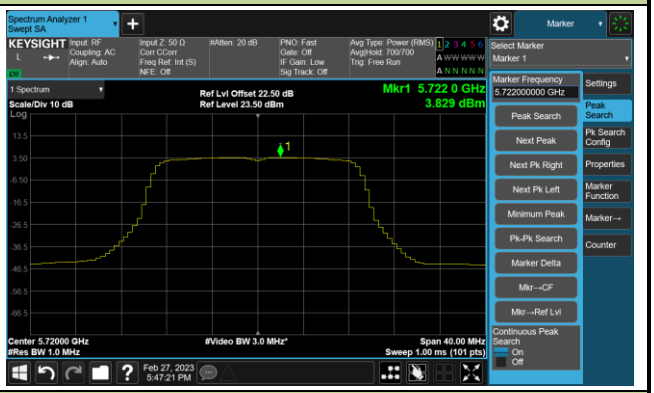
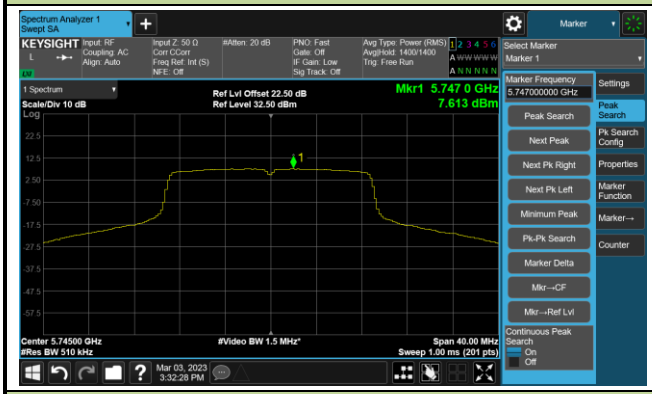
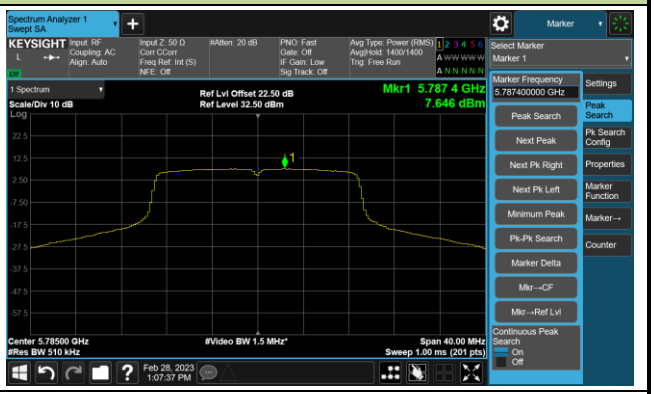
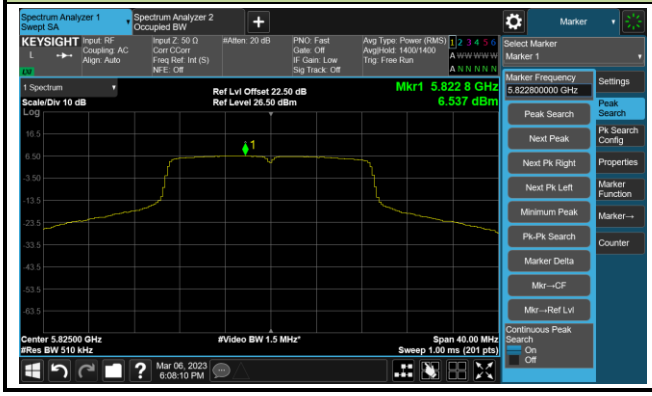


Channel 100 (5500MHz)



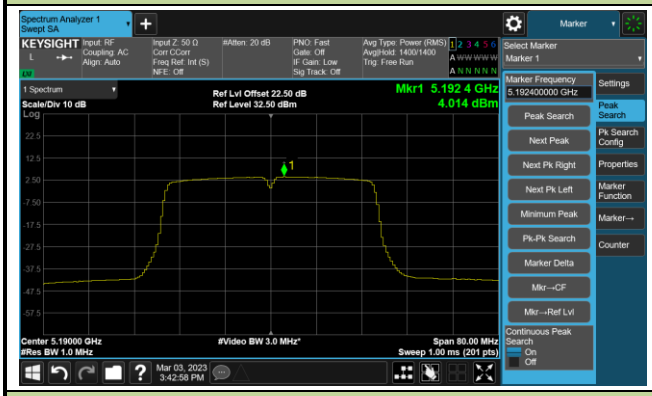
Channel 116 (5580MHz)



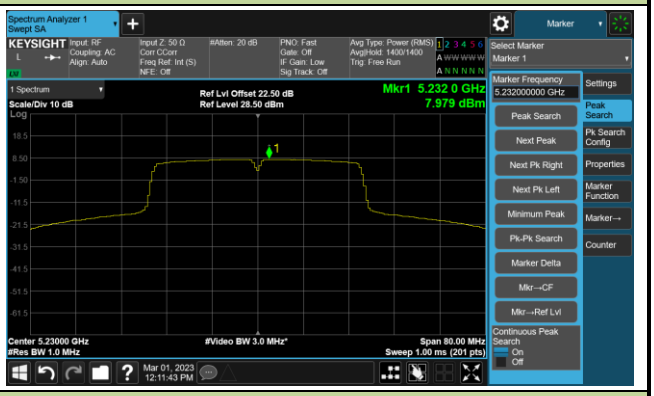
802.11ac-VHT20 Power Spectral Density- Ant 3	
Channel 140 (5700MHz)	Channel 144(5720MHz)
	
Channel 149 (5745MHz)	Channel 157 (5785MHz)
	
Channel 165 (5825MHz)	
	

802.11ac-VHT40 Power Spectral Density- Ant 3

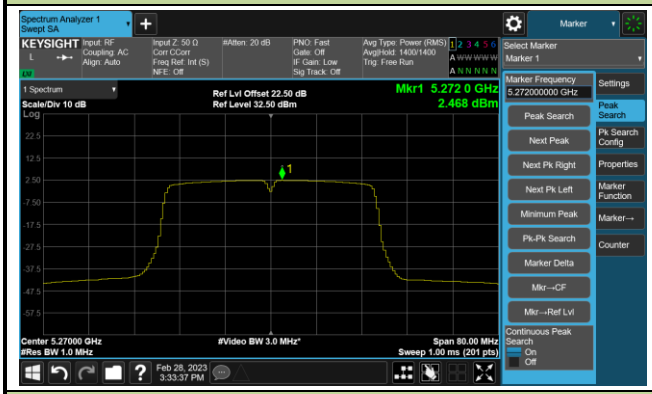
Channel 38 (5190MHz)



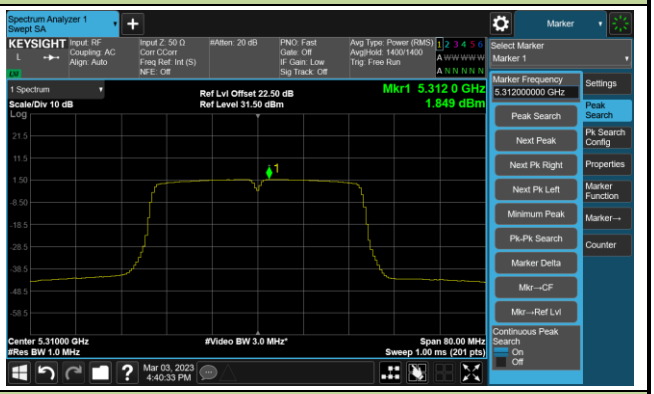
Channel 46 (5230MHz)



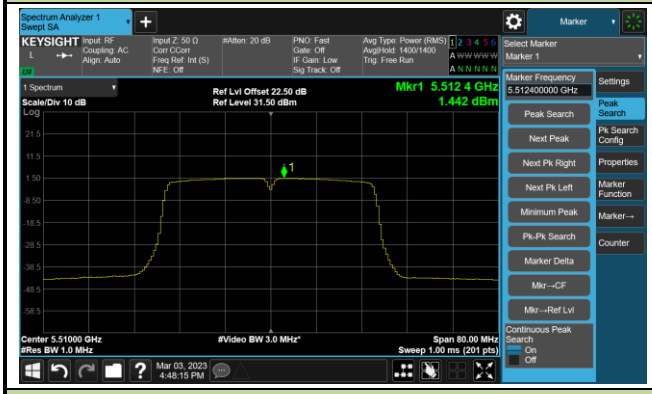
Channel 54 (5270MHz)



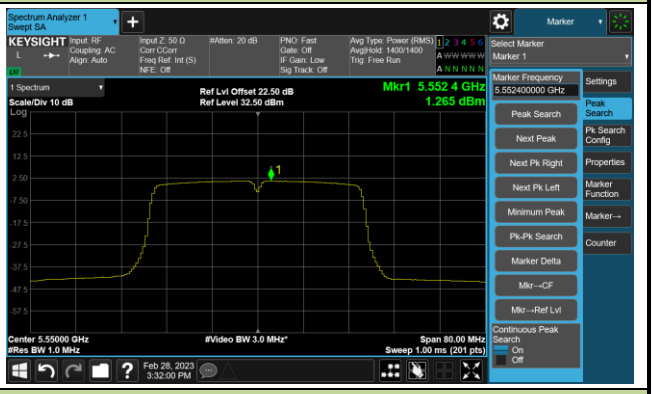
Channel 62 (5310MHz)



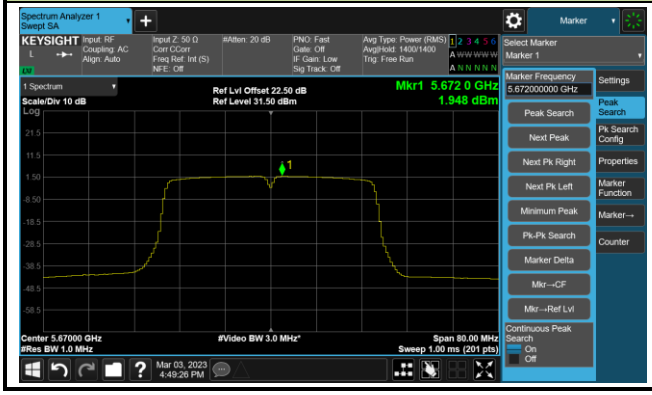
Channel 102 (5510MHz)



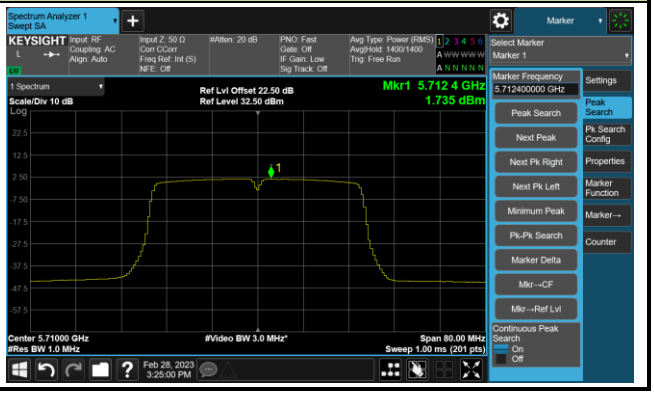
Channel 110 (5550MHz)

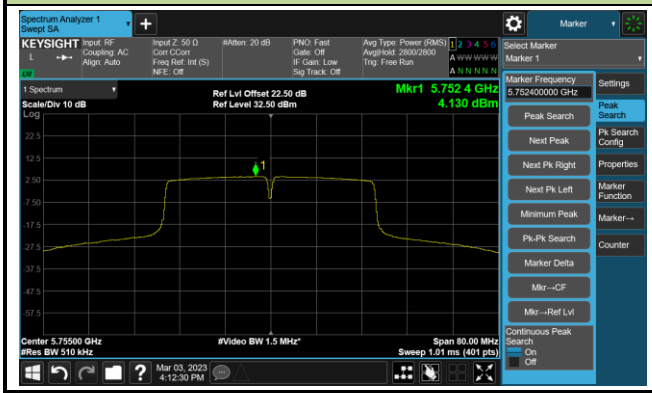
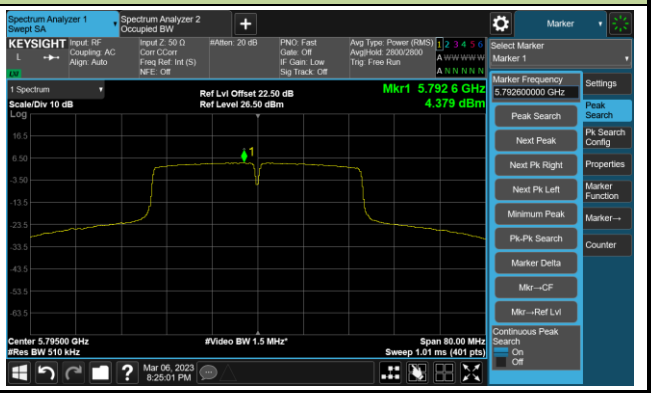


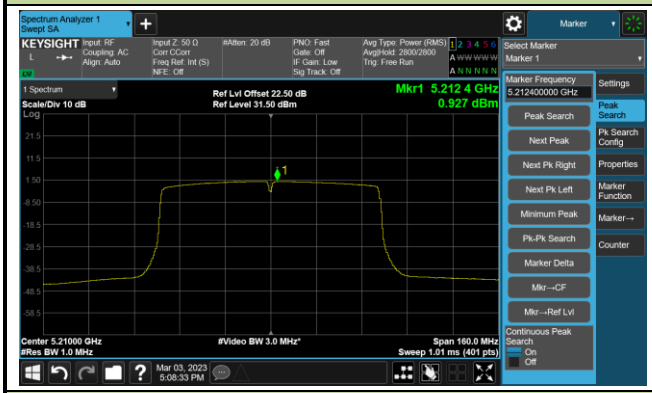
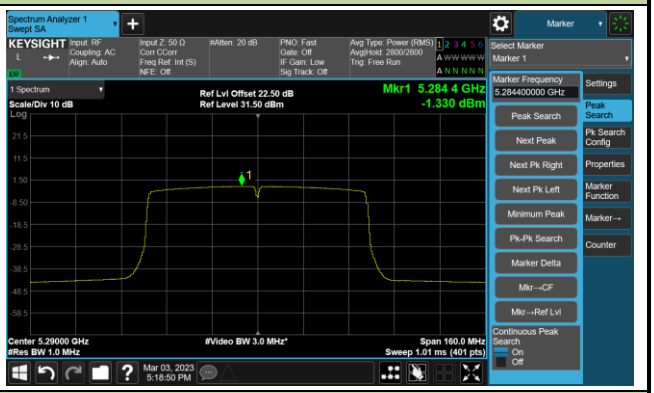
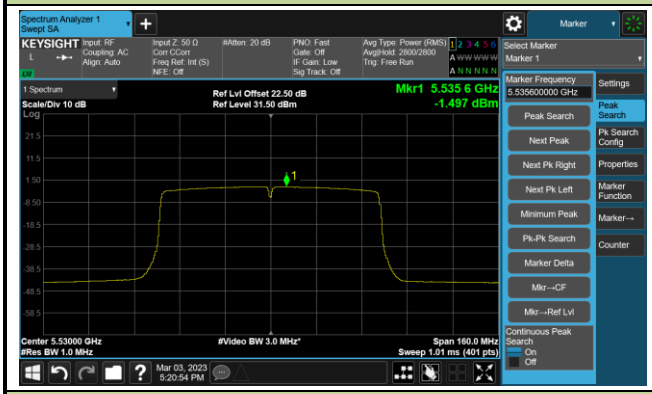
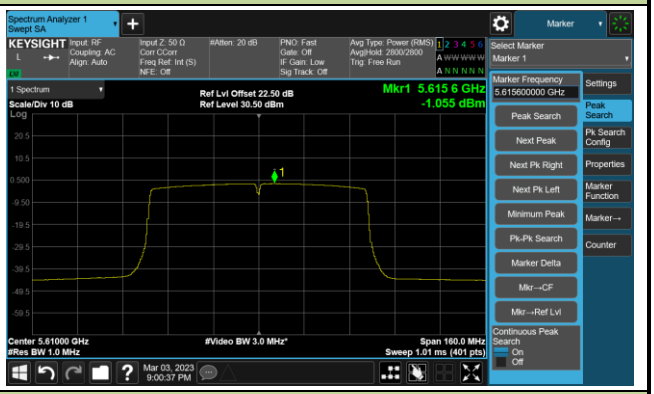
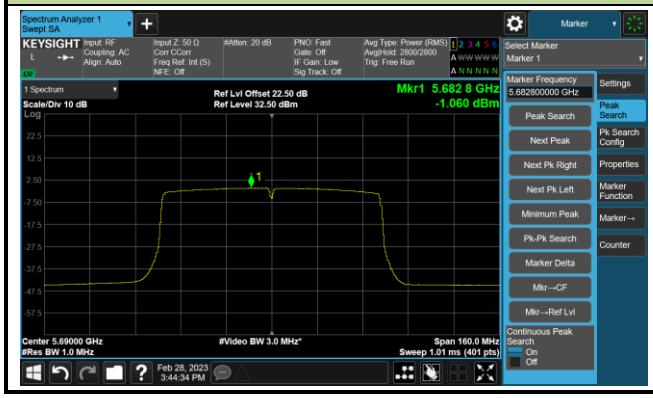
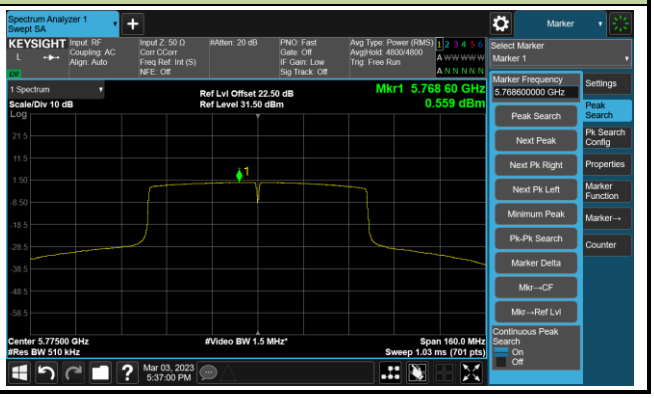
Channel 134 (5670MHz)

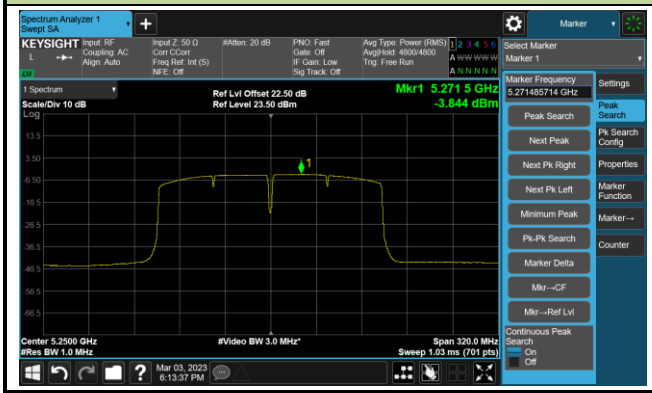
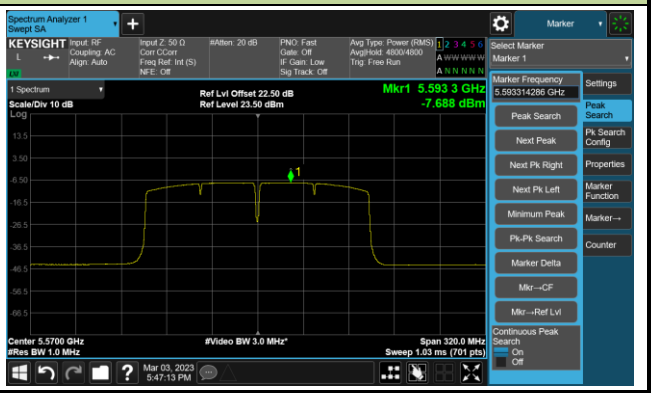


Channel 142(5710MHz)



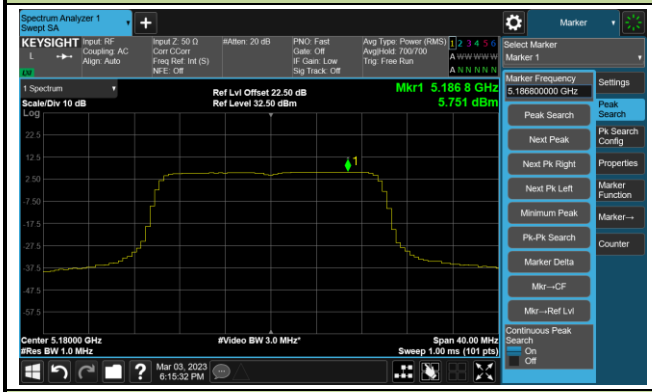
802.11ac-VHT40 Power Spectral Density- Ant 3	
Channel 151 (5755MHz)	Channel 159 (5795MHz)
	

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)
	

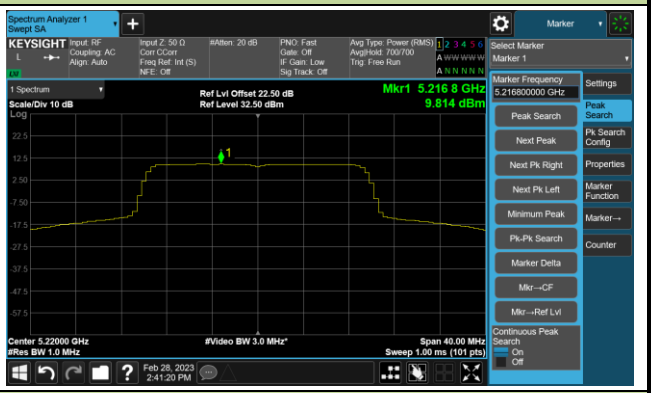
802.11ac-VHT160 Power Spectral Density- Ant 3	
Channel 50 (5250MHz)	Channel 114 (5570MHz)
	

802.11ax-HE20 Power Spectral Density- Ant 3

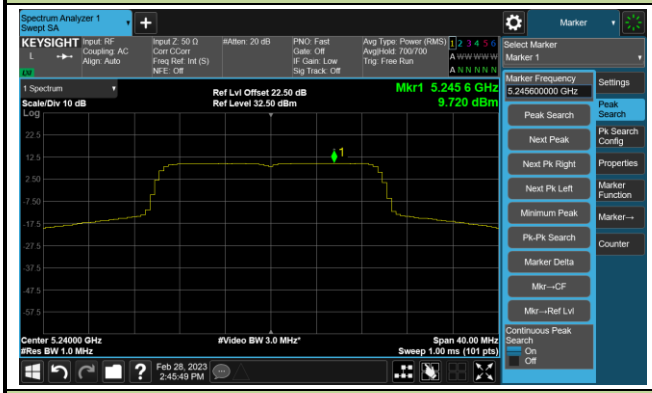
Channel 36 (5180MHz)



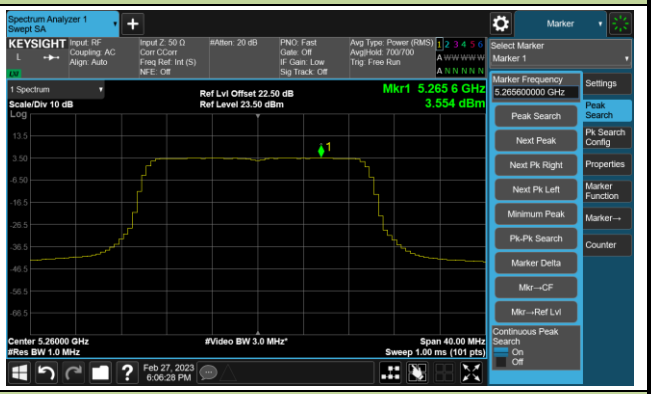
Channel 44 (5220MHz)



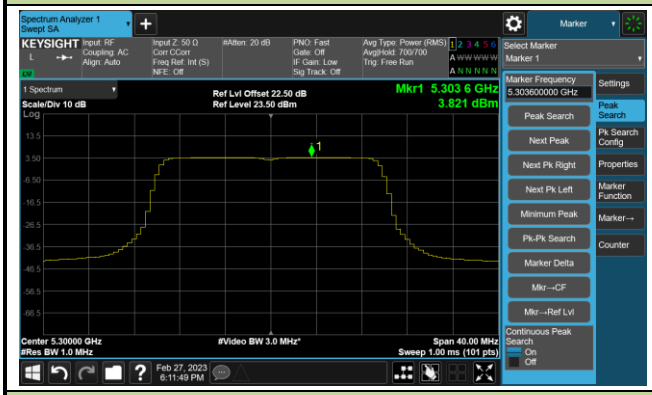
Channel 48 (5240MHz)



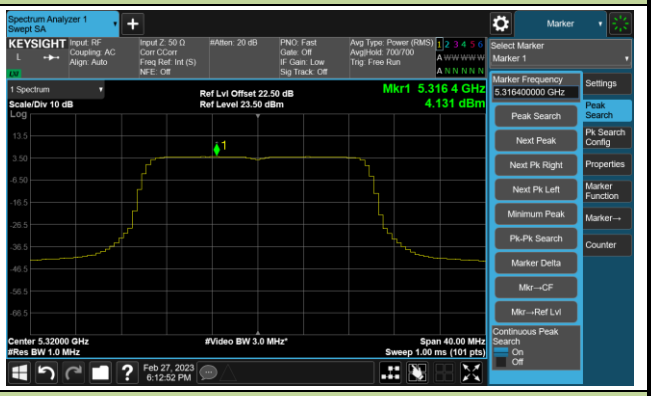
Channel 52 (5260MHz)



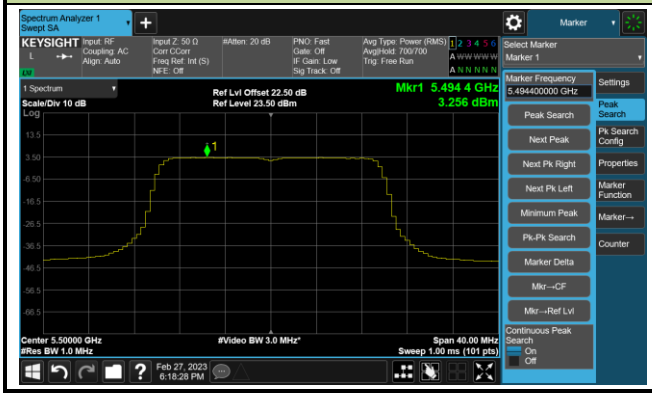
Channel 60 (5300MHz)



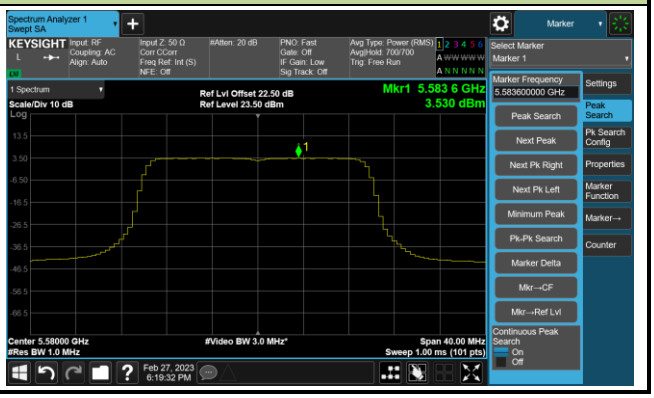
Channel 64 (5320MHz)

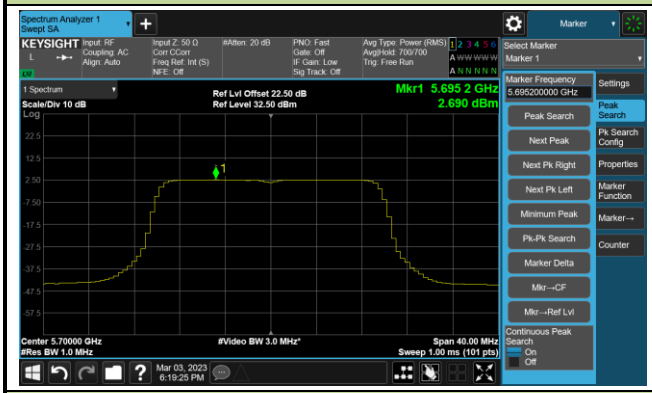
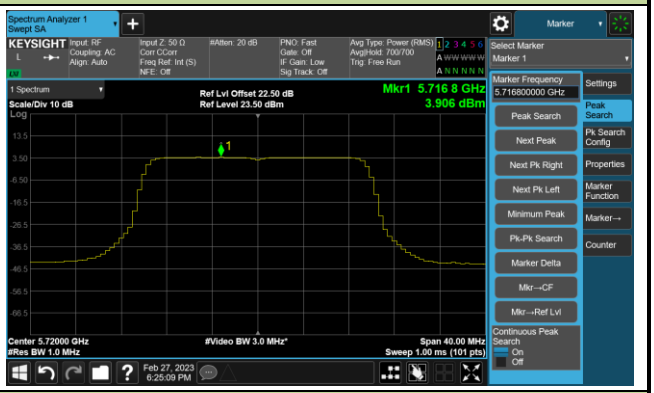
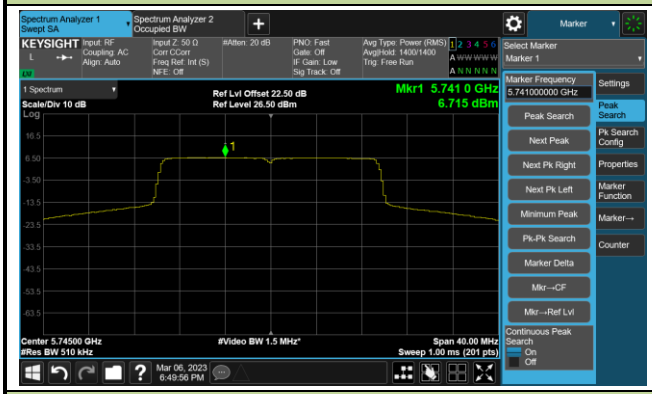
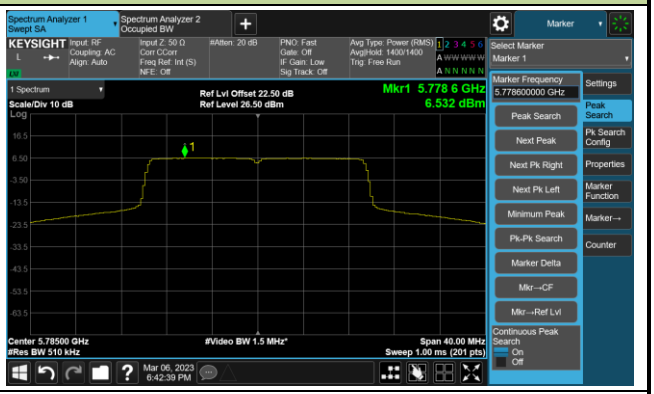
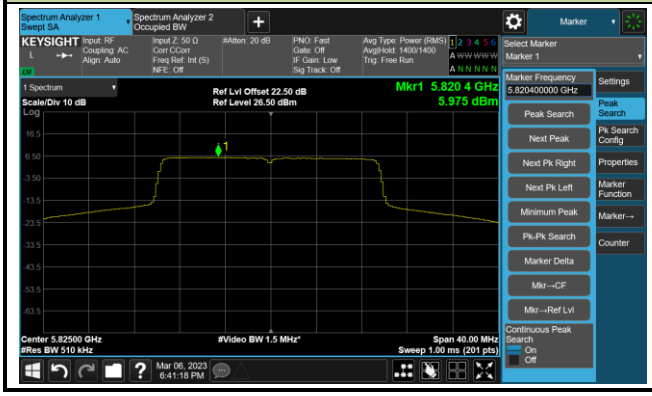


Channel 100 (5500MHz)



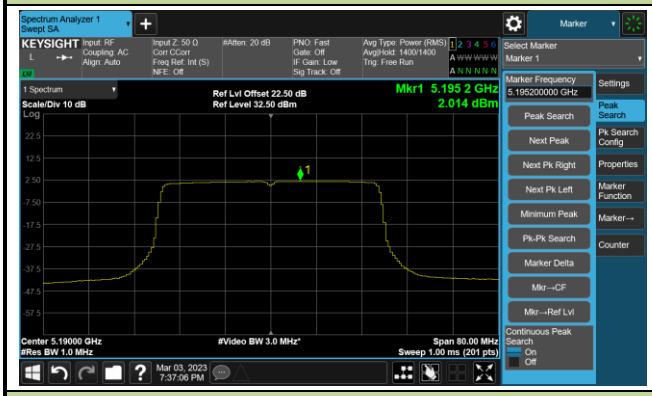
Channel 116 (5580MHz)



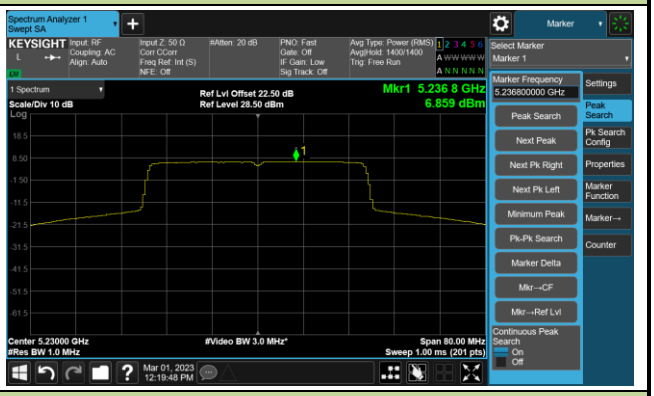
802.11ax-HE20 Power Spectral Density- Ant 3	
Channel 140 (5700MHz)	Channel 144(5720MHz)
	
Channel 149 (5745MHz)	Channel 157 (5785MHz)
	
Channel 165 (5825MHz)	
	

802.11ax-HE40 Power Spectral Density- Ant 3

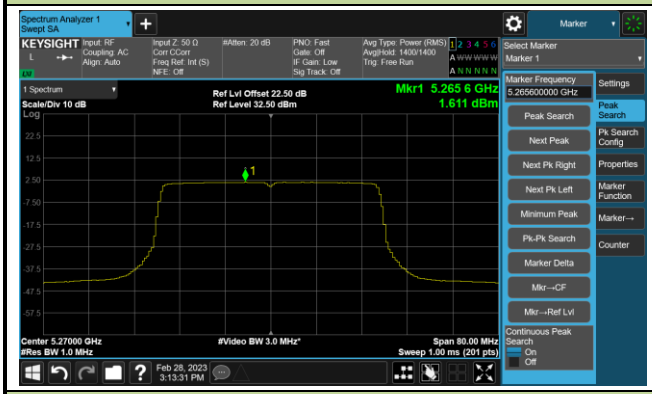
Channel 38 (5190MHz)



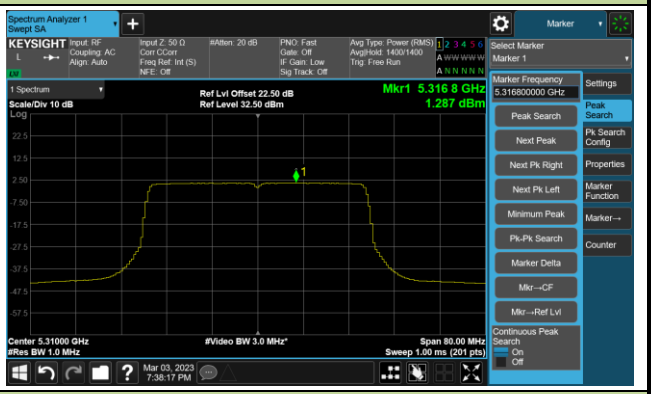
Channel 46 (5230MHz)



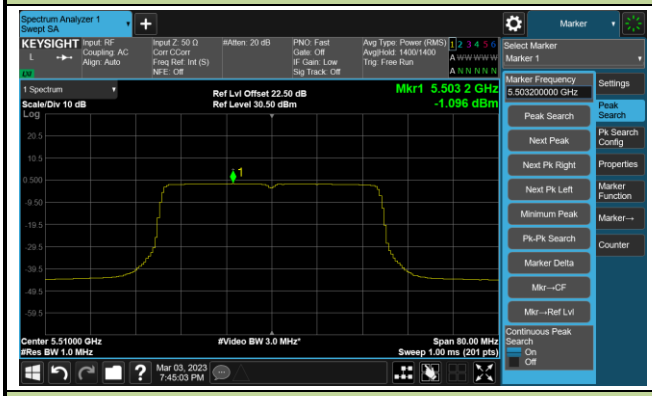
Channel 54 (5270MHz)



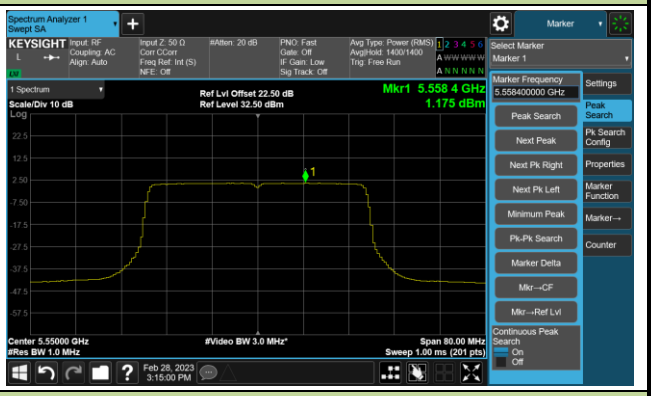
Channel 62 (5310MHz)



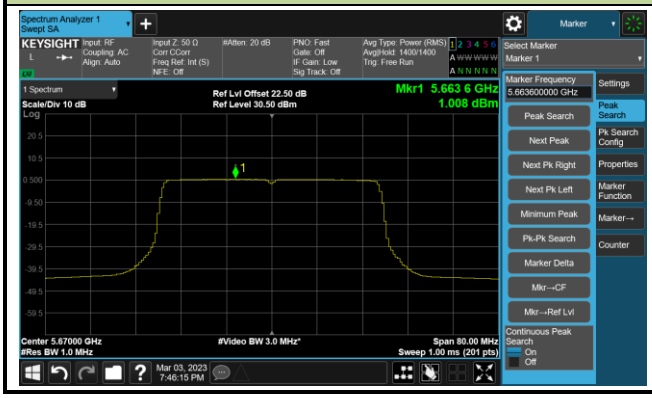
Channel 102 (5510MHz)



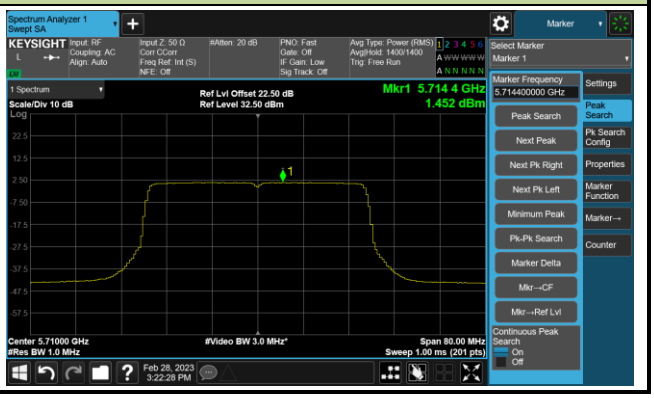
Channel 110 (5550MHz)

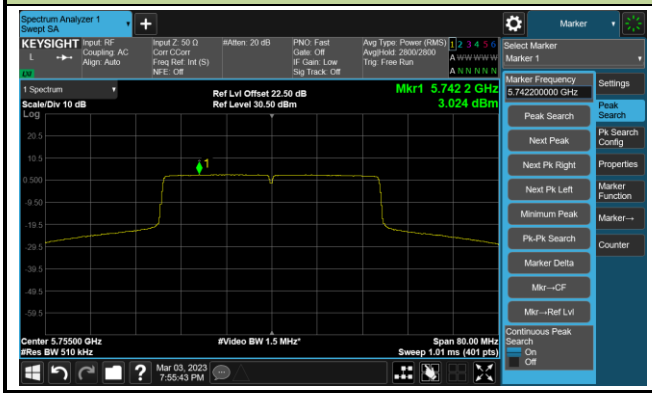
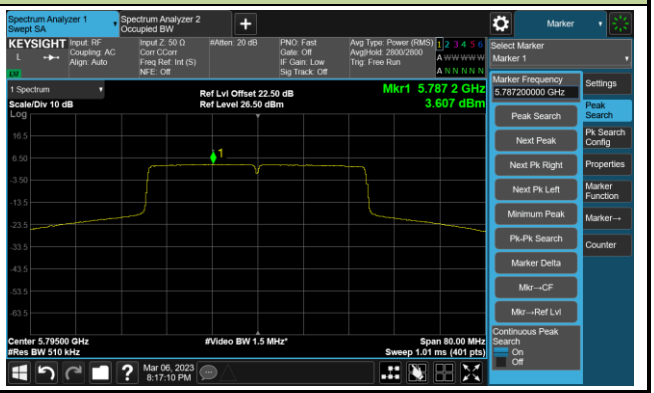


Channel 134 (5670MHz)



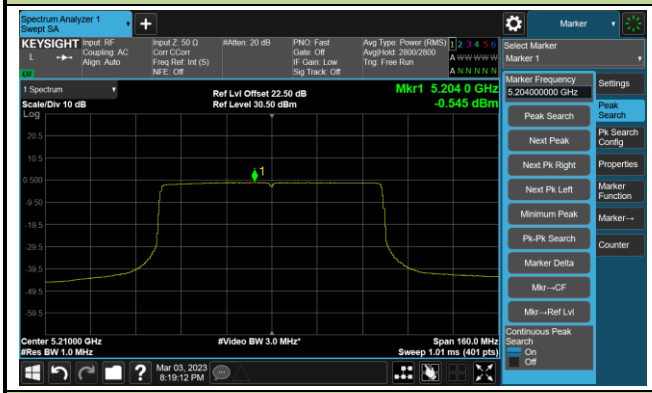
Channel 142(5710MHz)



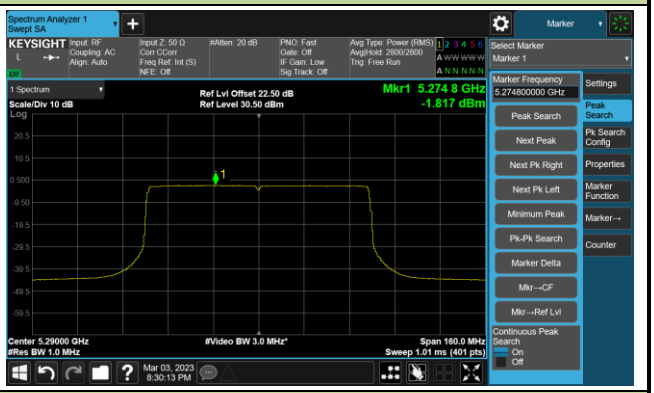
802.11ax-HE40 Power Spectral Density- Ant 3	
Channel 151 (5755MHz)	Channel 159 (5795MHz)
	

802.11ax-HE80 Power Spectral Density- Ant 3

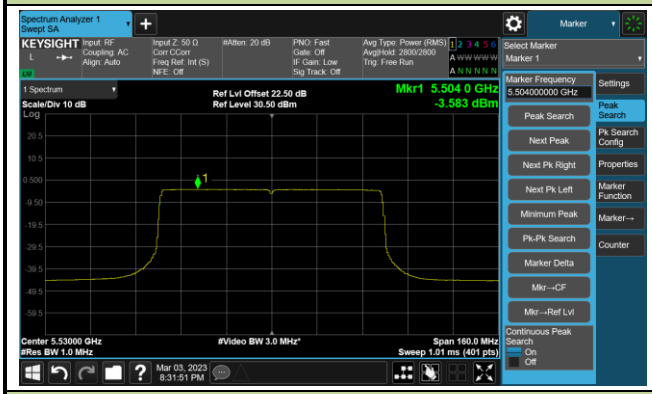
Channel 42 (5210MHz)



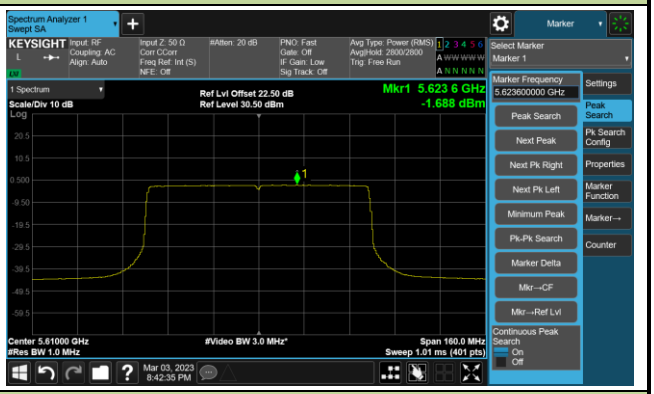
Channel 58 (5290MHz)



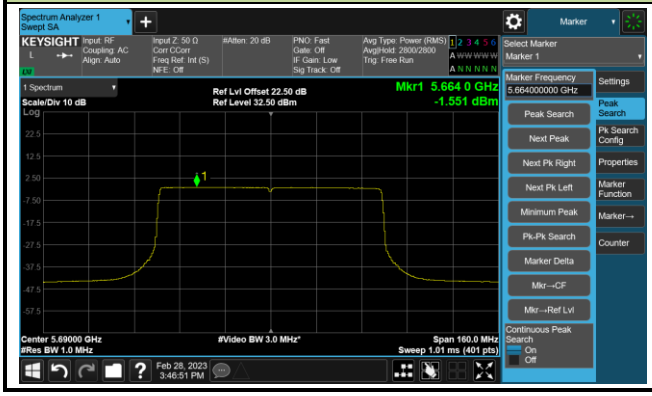
Channel 106 (5530MHz)



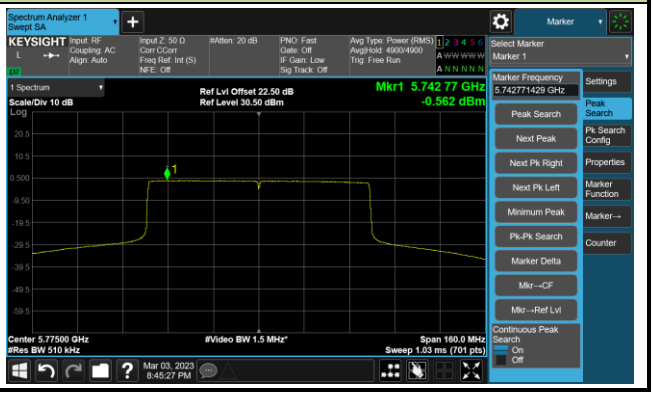
Channel 122 (5610MHz)

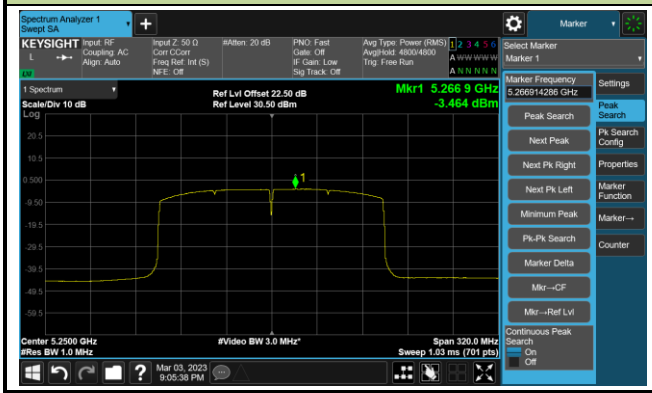
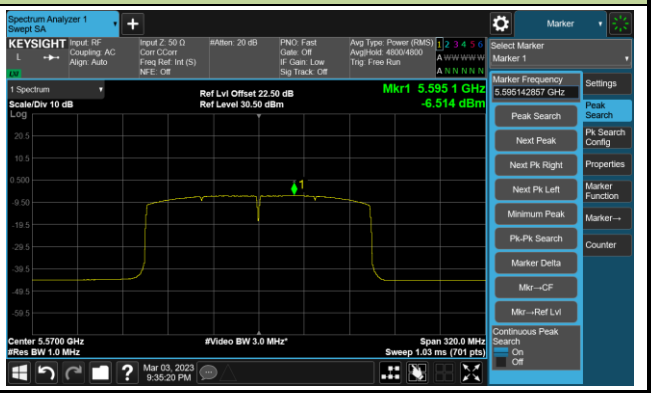


Channel 138 (5690MHz)



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	2023-03-09	Test Mode	5180MHz (Carrier Mode)

Voltage (%)	Power (VAC)	Temp (°C)	Frequency Tolerance (ppm)			
			0 minutes	2 minutes	5 minutes	10 minutes
100%	120	- 30	10.09	10.12	10.12	10.10
		- 20	13.68	13.66	13.47	13.48
		- 10	13.14	12.99	12.30	12.07
		0	10.68	10.62	10.58	10.55
		+ 10	6.86	6.89	6.98	7.01
		+ 20	2.86	2.78	2.72	2.69
		+ 30	0.87	0.83	0.56	0.55
		+ 40	-3.81	-3.97	-3.99	-4.06
		+ 50	-7.32	-7.68	-7.83	-7.93
115%	138	+ 20	3.11	2.93	2.84	2.79
85%	102	+ 20	3.85	3.16	2.79	2.70

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-AC1	Test Engineer	Wayne Wang
Test Date	2023-03-02~2023-03-04	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
*	7936.0	55.1	-6.0	49.1	68.2	-19.1	Peak	Horizontal
*	10358.5	54.6	-4.7	49.9	68.2	-18.3	Peak	Horizontal
	11497.5	46.0	-3.7	42.3	74.0	-31.7	Peak	Horizontal
	12305.0	45.7	-3.4	42.3	74.0	-31.7	Peak	Horizontal
*	7936.0	52.2	-6.0	46.2	68.2	-22.0	Peak	Vertical
*	10358.5	53.7	-4.7	49.0	68.2	-19.2	Peak	Vertical
	11285.0	46.9	-4.0	42.9	74.0	-31.1	Peak	Vertical
	12262.5	45.7	-3.3	42.4	74.0	-31.6	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	Wayne Wang
Test Date	2023-03-02~2023-03-04	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
*	7936.0	54.5	-6.0	48.5	68.2	-19.7	Peak	Horizontal
*	10435.0	57.1	-4.7	52.4	68.2	-15.8	Peak	Horizontal
	11574.0	46.7	-3.9	42.8	74.0	-31.2	Peak	Horizontal
	15662.5	45.0	1.8	46.8	74.0	-27.2	Peak	Horizontal
*	7936.0	52.4	-6.0	46.4	68.2	-21.8	Peak	Vertical
*	10452.0	53.5	-4.6	48.9	68.2	-19.3	Peak	Vertical
	11914.0	46.6	-3.8	42.8	74.0	-31.2	Peak	Vertical
	15909.0	43.1	3.3	46.4	74.0	-27.6	Peak	Vertical

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

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

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

Test Site	SIP-AC1	Test Engineer	Wayne Wang
Test Date	2023-03-02~2023-03-04	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
*	7936.0	55.0	-6.0	49.0	68.2	-19.2	Peak	Horizontal
*	10486.0	57.3	-4.3	53.0	68.2	-15.2	Peak	Horizontal
	11982.0	46.4	-3.8	42.6	74.0	-31.4	Peak	Horizontal
	15722.0	44.8	2.4	47.2	74.0	-26.8	Peak	Horizontal
*	7936.0	52.7	-6.0	46.7	68.2	-21.5	Peak	Vertical
*	10477.5	55.5	-4.5	51.0	68.2	-17.2	Peak	Vertical
	11846.0	47.0	-3.5	43.5	74.0	-30.5	Peak	Vertical
	16087.5	44.0	3.2	47.2	74.0	-26.8	Peak	Vertical

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

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

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

Test Site	SIP-AC1	Test Engineer	Wayne Wang
Test Date	2023-03-02~2023-03-04	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
*	7936.0	56.0	-6.0	50.0	68.2	-18.2	Peak	Horizontal
*	10520.0	52.9	-4.5	48.4	68.2	-19.8	Peak	Horizontal
	11497.5	45.8	-3.7	42.1	74.0	-31.9	Peak	Horizontal
	12101.0	46.0	-3.4	42.6	74.0	-31.4	Peak	Horizontal
*	7936.0	52.7	-6.0	46.7	68.2	-21.5	Peak	Vertical
*	10520.0	52.7	-4.5	48.2	68.2	-20.0	Peak	Vertical
	11914.0	47.6	-3.8	43.8	74.0	-30.2	Peak	Vertical
	15883.5	44.0	2.7	46.7	74.0	-27.3	Peak	Vertical

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

Note 2: Measure Level (dBμV/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	Wayne Wang
Test Date	2023-03-02~2023-03-04	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
*	7936.0	55.2	-6.0	49.2	68.2	-19.0	Peak	Horizontal
*	10596.5	54.3	-4.4	49.9	68.2	-18.3	Peak	Horizontal
	12101.0	46.4	-3.4	43.0	74.0	-31.0	Peak	Horizontal
	16070.5	43.2	3.0	46.2	74.0	-27.8	Peak	Horizontal
*	7936.0	53.0	-6.0	47.0	68.2	-21.2	Peak	Vertical
*	10596.5	53.9	-4.4	49.5	68.2	-18.7	Peak	Vertical
	11914.0	47.0	-3.8	43.2	74.0	-30.8	Peak	Vertical
	15603.0	43.8	2.0	45.8	74.0	-28.2	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	Wayne Wang
Test Date	2023-03-02~2023-03-04	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
*	7936.0	55.6	-6.0	49.6	68.2	-18.6	Peak	Horizontal
	10639.0	54.5	-4.8	49.7	74.0	-24.3	Peak	Horizontal
	12330.5	46.5	-3.4	43.1	74.0	-30.9	Peak	Horizontal
*	13648.0	44.7	-1.8	42.9	68.2	-25.3	Peak	Horizontal
*	7936.0	53.1	-6.0	47.1	68.2	-21.1	Peak	Vertical
	10639.0	54.4	-4.8	49.6	74.0	-24.4	Peak	Vertical
	11914.0	46.3	-3.8	42.5	74.0	-31.5	Peak	Vertical
*	13792.5	43.5	-0.8	42.7	68.2	-25.5	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	Wayne Wang
Test Date	2023-03-02~2023-03-04	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
*	7936.0	54.7	-6.0	48.7	68.2	-19.5	Peak	Horizontal
	8250.5	55.5	-5.6	49.9	74.0	-24.1	Peak	Horizontal
*	10086.5	46.6	-4.6	42.0	68.2	-26.2	Peak	Horizontal
	10996.0	51.9	-4.6	47.3	74.0	-26.7	Peak	Horizontal
*	7936.0	52.1	-6.0	46.1	68.2	-22.1	Peak	Vertical
*	9695.5	47.3	-5.2	42.1	68.2	-26.1	Peak	Vertical
	10996.0	52.8	-4.6	48.2	74.0	-25.8	Peak	Vertical
	12084.0	45.5	-3.2	42.3	74.0	-31.7	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	Wayne Wang
Test Date	2023-03-02~2023-03-04	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
*	7936.0	55.3	-6.0	49.3	68.2	-18.9	Peak	Horizontal
	8369.5	56.7	-5.5	51.2	74.0	-22.8	Peak	Horizontal
	8369.5	56.3	-5.5	50.8	54.0	-3.2	Average	Horizontal
*	9644.5	47.3	-5.1	42.2	68.2	-26.0	Peak	Horizontal
	11157.5	55.2	-4.4	50.8	74.0	-23.2	Peak	Horizontal
*	7936.0	53.0	-6.0	47.0	68.2	-21.2	Peak	Vertical
*	9891.0	46.7	-4.6	42.1	68.2	-26.1	Peak	Vertical
	11157.5	54.9	-4.4	50.5	74.0	-23.5	Peak	Vertical
	12449.5	46.2	-3.0	43.2	74.0	-30.8	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	Wayne Wang
Test Date	2023-03-02~2023-03-04	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
*	7936.0	55.9	-6.0	49.9	68.2	-18.3	Peak	Horizontal
*	8548.0	56.7	-5.6	51.1	68.2	-17.1	Peak	Horizontal
	11506.0	46.7	-3.7	43.0	74.0	-31.0	Peak	Horizontal
	12084.0	45.6	-3.2	42.4	74.0	-31.6	Peak	Horizontal
*	7936.0	52.1	-6.0	46.1	68.2	-22.1	Peak	Vertical
*	10129.0	46.9	-4.6	42.3	68.2	-25.9	Peak	Vertical
	11404.0	49.1	-4.3	44.8	74.0	-29.2	Peak	Vertical
	11914.0	46.7	-3.8	42.9	74.0	-31.1	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	Wayne Wang
Test Date	2023-03-02~2023-03-04	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
*	7936.0	55.0	-6.0	49.0	68.2	-19.2	Peak	Horizontal
*	8582.0	57.0	-5.5	51.5	68.2	-16.7	Peak	Horizontal
	10860.0	47.2	-4.3	42.9	74.0	-31.1	Peak	Horizontal
	11438.0	48.0	-4.2	43.8	74.0	-30.2	Peak	Horizontal
*	7936.0	51.5	-6.0	45.5	68.2	-22.7	Peak	Vertical
*	10129.0	46.9	-4.6	42.3	68.2	-25.9	Peak	Vertical
	10741.0	46.4	-4.5	41.9	74.0	-32.1	Peak	Vertical
	11438.0	49.4	-4.2	45.2	74.0	-28.8	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	Wayne Wang
Test Date	2023-03-02~2023-03-04	Test Mode	802.11a – Channel 149
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	8616.0	56.5	-5.7	50.8	68.2	-17.4	Peak	Horizontal
	11149.0	46.9	-4.3	42.6	74.0	-31.4	Peak	Horizontal
	11489.0	58.0	-3.8	54.2	74.0	-19.8	Peak	Horizontal
*	11489.0	51.3	-3.8	47.5	54.0	-6.5	Average	Horizontal
	17243.5	54.3	5.1	59.4	68.2	-8.8	Peak	Horizontal
*	7936.0	52.1	-6.0	46.1	68.2	-22.1	Peak	Vertical
	10690.0	46.5	-4.6	41.9	74.0	-32.1	Peak	Vertical
	11489.0	57.6	-3.8	53.8	74.0	-20.2	Peak	Vertical
	11489.0	50.5	-3.8	46.7	54.0	-7.3	Average	Vertical
*	17243.5	50.3	5.1	55.4	68.2	-12.8	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	Wayne Wang
Test Date	2023-03-02~2023-03-04	Test Mode	802.11a – Channel 157
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	8675.5	56.1	-5.5	50.6	68.2	-17.6	Peak	Horizontal
	10843.0	46.8	-4.6	42.2	74.0	-31.8	Peak	Horizontal
	11565.5	54.2	-3.9	50.3	74.0	-23.7	Peak	Horizontal
*	17362.5	49.7	5.7	55.4	68.2	-12.8	Peak	Horizontal
*	7936.0	52.4	-6.0	46.4	68.2	-21.8	Peak	Vertical
	11574.0	55.8	-3.9	51.9	74.0	-22.1	Peak	Vertical
	11574.0	48.7	-3.9	44.8	54.0	-9.2	Average	Vertical
	12169.0	45.8	-3.2	42.6	74.0	-31.4	Peak	Vertical
*	17362.5	49.7	5.7	55.4	68.2	-12.8	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	Wayne Wang
Test Date	2023-03-02~2023-03-04	Test Mode	802.11a – Channel 165
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	8735.0	56.9	-5.4	51.5	68.2	-16.7	Peak	Horizontal
	10834.5	46.2	-4.7	41.5	74.0	-32.5	Peak	Horizontal
	11650.5	53.0	-4.0	49.0	74.0	-25.0	Peak	Horizontal
*	17481.5	60.4	5.5	65.9	68.2	-2.3	Peak	Horizontal
*	7936.0	52.9	-6.0	46.9	68.2	-21.3	Peak	Vertical
	10919.5	46.7	-4.7	42.0	74.0	-32.0	Peak	Vertical
	11659.0	54.0	-3.9	50.1	74.0	-23.9	Peak	Vertical
*	17481.5	53.6	5.5	59.1	68.2	-9.1	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	Wayne Wang
Test Date	2023-03-02~2023-03-04	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
*	7936.0	55.4	-6.0	49.4	68.2	-18.8	Peak	Horizontal
*	10358.5	58.6	-4.7	53.9	68.2	-14.3	Peak	Horizontal
	10877.0	46.9	-4.5	42.4	74.0	-31.6	Peak	Horizontal
	12407.0	45.5	-3.2	42.3	74.0	-31.7	Peak	Horizontal
*	7936.0	52.7	-6.0	46.7	68.2	-21.5	Peak	Vertical
*	10358.5	54.5	-4.7	49.8	68.2	-18.4	Peak	Vertical
	11905.5	47.0	-3.7	43.3	74.0	-30.7	Peak	Vertical
	12254.0	45.9	-3.3	42.6	74.0	-31.4	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	Wayne Wang
Test Date	2023-03-02~2023-03-04	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
*	7936.0	55.0	-6.0	49.0	68.2	-19.2	Peak	Horizontal
*	10443.5	56.1	-4.7	51.4	68.2	-16.8	Peak	Horizontal
	11208.5	46.7	-4.3	42.4	74.0	-31.6	Peak	Horizontal
	12203.0	45.5	-3.4	42.1	74.0	-31.9	Peak	Horizontal
*	7936.0	52.9	-6.0	46.9	68.2	-21.3	Peak	Vertical
*	10443.5	53.7	-4.7	49.0	68.2	-19.2	Peak	Vertical
	11531.5	46.4	-3.9	42.5	74.0	-31.5	Peak	Vertical
	12237.0	45.9	-3.3	42.6	74.0	-31.4	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	Wayne Wang
Test Date	2023-03-02~2023-03-04	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
*	7936.0	54.9	-6.0	48.9	68.2	-19.3	Peak	Horizontal
*	10477.5	56.3	-4.5	51.8	68.2	-16.4	Peak	Horizontal
	11098.0	46.9	-4.4	42.5	74.0	-31.5	Peak	Horizontal
	12075.5	46.2	-3.3	42.9	74.0	-31.1	Peak	Horizontal
*	7936.0	52.9	-6.0	46.9	68.2	-21.3	Peak	Vertical
*	10477.5	55.1	-4.5	50.6	68.2	-17.6	Peak	Vertical
	10970.5	43.9	-4.4	39.5	74.0	-34.5	Peak	Vertical
	12271.0	43.6	-3.3	40.3	74.0	-33.7	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	Wayne Wang
Test Date	2023-03-02~2023-03-04	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
*	7936.0	54.4	-6.0	48.4	68.2	-19.8	Peak	Horizontal
*	10520.0	51.1	-4.5	46.6	68.2	-21.6	Peak	Horizontal
	11064.0	46.7	-4.3	42.4	74.0	-31.6	Peak	Horizontal
	12288.0	46.1	-3.3	42.8	74.0	-31.2	Peak	Horizontal
*	7936.0	52.1	-6.0	46.1	68.2	-22.1	Peak	Vertical
*	10511.5	49.6	-4.3	45.3	68.2	-22.9	Peak	Vertical
	11412.5	46.5	-4.1	42.4	74.0	-31.6	Peak	Vertical
	12432.5	45.5	-3.1	42.4	74.0	-31.6	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	Wayne Wang
Test Date	2023-03-02~2023-03-04	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
*	7936.0	56.1	-6.0	50.1	68.2	-18.1	Peak	Horizontal
	10605.0	51.6	-4.4	47.2	74.0	-26.8	Peak	Horizontal
	11514.5	46.1	-3.8	42.3	74.0	-31.7	Peak	Horizontal
	12228.5	45.8	-3.3	42.5	74.0	-31.5	Peak	Horizontal
*	7936.0	52.6	-6.0	46.6	68.2	-21.6	Peak	Vertical
*	10596.5	51.9	-4.4	47.5	68.2	-20.7	Peak	Vertical
	11497.5	46.7	-3.7	43.0	74.0	-31.0	Peak	Vertical
	12288.0	45.4	-3.3	42.1	74.0	-31.9	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	Wayne Wang
Test Date	2023-03-02~2023-03-04	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
*	7936.0	54.9	-6.0	48.9	68.2	-19.3	Peak	Horizontal
	9347.0	46.6	-4.9	41.7	74.0	-32.3	Peak	Horizontal
	10639.0	51.6	-4.8	46.8	74.0	-27.2	Peak	Horizontal
	12050.0	46.7	-3.6	43.1	74.0	-30.9	Peak	Horizontal
*	7936.0	52.8	-6.0	46.8	68.2	-21.4	Peak	Vertical
*	9644.5	47.5	-5.1	42.4	68.2	-25.8	Peak	Vertical
	10639.0	53.7	-4.8	48.9	74.0	-25.1	Peak	Vertical
	12177.5	45.6	-3.2	42.4	74.0	-31.6	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	Wayne Wang
Test Date	2023-03-02~2023-03-04	Test Mode	802.11ac-VHT20 – Channel 100
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8250.5	55.5	-5.6	49.9	74.0	-24.1	Peak	Horizontal
*	10027.0	47.8	-5.0	42.8	68.2	-25.4	Peak	Horizontal
	10996.0	51.5	-4.6	46.9	74.0	-27.1	Peak	Horizontal
*	17345.5	42.7	6.2	48.9	68.2	-19.3	Peak	Horizontal
*	7936.0	52.7	-6.0	46.7	68.2	-21.5	Peak	Vertical
*	10120.5	46.8	-4.7	42.1	68.2	-26.1	Peak	Vertical
	11004.5	51.8	-4.5	47.3	74.0	-26.7	Peak	Vertical
	11914.0	45.9	-3.8	42.1	74.0	-31.9	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	Wayne Wang
Test Date	2023-03-02~2023-03-04	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
*	7936.0	54.6	-6.0	48.6	68.2	-19.6	Peak	Horizontal
	8369.5	56.6	-5.5	51.1	74.0	-22.9	Peak	Horizontal
*	8369.5	55.7	-5.5	50.2	54.0	-3.8	Average	Horizontal
	9857.0	47.8	-5.2	42.6	68.2	-25.6	Peak	Horizontal
	11157.5	50.7	-4.4	46.3	74.0	-27.7	Peak	Horizontal
*	7936.0	51.5	-6.0	45.5	68.2	-22.7	Peak	Vertical
*	10188.5	47.1	-4.7	42.4	68.2	-25.8	Peak	Vertical
	11157.5	53.7	-4.4	49.3	74.0	-24.7	Peak	Vertical
	12067.0	45.8	-3.4	42.4	74.0	-31.6	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	Wayne Wang
Test Date	2023-03-02~2023-03-04	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
*	7936.0	54.4	-6.0	48.4	68.2	-19.8	Peak	Horizontal
*	8548.0	57.4	-5.6	51.8	68.2	-16.4	Peak	Horizontal
	10843.0	46.8	-4.6	42.2	74.0	-31.8	Peak	Horizontal
	11854.5	46.1	-3.7	42.4	74.0	-31.6	Peak	Horizontal
*	7936.0	52.9	-6.0	46.9	68.2	-21.3	Peak	Vertical
*	9602.0	47.0	-5.1	41.9	68.2	-26.3	Peak	Vertical
	10885.5	46.8	-4.6	42.2	74.0	-31.8	Peak	Vertical
	11395.5	49.1	-4.3	44.8	74.0	-29.2	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	Wayne Wang
Test Date	2023-03-02~2023-03-04	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
*	7936.0	55.0	-6.0	49.0	68.2	-19.2	Peak	Horizontal
*	8582.0	56.8	-5.5	51.3	68.2	-16.9	Peak	Horizontal
	10758.0	47.3	-4.8	42.5	74.0	-31.5	Peak	Horizontal
	12279.5	45.8	-3.3	42.5	74.0	-31.5	Peak	Horizontal
*	7936.0	51.8	-6.0	45.8	68.2	-22.4	Peak	Vertical
*	9695.5	46.9	-5.2	41.7	68.2	-26.5	Peak	Vertical
	11446.5	48.0	-4.3	43.7	74.0	-30.3	Peak	Vertical
	12305.0	46.6	-3.4	43.2	74.0	-30.8	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	Wayne Wang
Test Date	2023-03-02~2023-03-04	Test Mode	802.11ac-VHT20 – Channel 149
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	8616.0	56.8	-5.7	51.1	68.2	-17.1	Peak	Horizontal
	10681.5	46.6	-4.5	42.1	74.0	-31.9	Peak	Horizontal
	11489.0	57.8	-3.8	54.0	74.0	-20.0	Peak	Horizontal
	11489.0	51.2	-3.8	47.4	54.0	-6.6	Average	Horizontal
*	17226.5	51.7	4.9	56.6	68.2	-11.6	Peak	Horizontal
*	7936.0	52.2	-6.0	46.2	68.2	-22.0	Peak	Vertical
	11489.0	56.7	-3.8	52.9	74.0	-21.1	Peak	Vertical
	11489.0	50.9	-3.8	47.1	54.0	-6.9	Average	Vertical
	12509.0	45.5	-2.7	42.8	74.0	-31.2	Peak	Vertical
*	17235.0	52.9	5.0	57.9	68.2	-10.3	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	Wayne Wang
Test Date	2023-03-02~2023-03-04	Test Mode	802.11ac-VHT20 – Channel 157
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	8675.5	56.3	-5.5	50.8	68.2	-17.4	Peak	Horizontal
	11149.0	46.5	-4.3	42.2	74.0	-31.8	Peak	Horizontal
	11574.0	53.5	-3.9	49.6	74.0	-24.4	Peak	Horizontal
*	17354.0	45.9	5.8	51.7	68.2	-16.5	Peak	Horizontal
*	7936.0	53.4	-6.0	47.4	68.2	-20.8	Peak	Vertical
	11574.0	55.9	-3.9	52.0	74.0	-22.0	Peak	Vertical
	11574.0	50.3	-3.9	46.4	54.0	-7.6	Average	Vertical
	12305.0	45.6	-3.4	42.2	74.0	-31.8	Peak	Vertical
*	17218.0	44.2	4.7	48.9	68.2	-19.3	Peak	Vertical

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

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

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

Test Site	SIP-AC1	Test Engineer	Wayne Wang
Test Date	2023-03-02~2023-03-04	Test Mode	802.11ac-VHT20 – Channel 165
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	8735.0	56.1	-5.4	50.7	68.2	-17.5	Peak	Horizontal
	10877.0	47.9	-4.5	43.4	74.0	-30.6	Peak	Horizontal
	11650.5	54.2	-4.0	50.2	74.0	-23.8	Peak	Horizontal
*	17473.0	55.1	5.4	60.5	68.2	-7.7	Peak	Horizontal
*	7936.0	52.8	-6.0	46.8	68.2	-21.4	Peak	Vertical
	10707.0	46.5	-4.5	42.0	74.0	-32.0	Peak	Vertical
	11650.5	56.3	-4.0	52.3	74.0	-21.7	Peak	Vertical
	11650.5	52.3	-4.0	48.3	54.0	-5.7	Average	Vertical
*	17473.0	52.9	5.4	58.3	68.2	-9.9	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	Wayne Wang
Test Date	2023-03-02~2023-03-04	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
*	7936.0	55.3	-6.0	49.3	68.2	-18.9	Peak	Horizontal
*	10375.5	51.8	-4.7	47.1	68.2	-21.1	Peak	Horizontal
	11480.5	46.2	-3.8	42.4	74.0	-31.6	Peak	Horizontal
	12279.5	45.6	-3.3	42.3	74.0	-31.7	Peak	Horizontal
*	7936.0	53.1	-6.0	47.1	68.2	-21.1	Peak	Vertical
*	10367.0	51.2	-4.8	46.4	68.2	-21.8	Peak	Vertical
	11361.5	45.5	-3.6	41.9	74.0	-32.1	Peak	Vertical
	12424.0	45.4	-3.3	42.1	74.0	-31.9	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	Wayne Wang
Test Date	2023-03-02~2023-03-04	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
*	7936.0	54.9	-6.0	48.9	68.2	-19.3	Peak	Horizontal
*	10460.5	55.1	-4.7	50.4	68.2	-17.8	Peak	Horizontal
	11608.0	45.9	-3.7	42.2	74.0	-31.8	Peak	Horizontal
	12271.0	45.4	-3.3	42.1	74.0	-31.9	Peak	Horizontal
*	7936.0	52.8	-6.0	46.8	68.2	-21.4	Peak	Vertical
*	10460.5	53.9	-4.7	49.2	68.2	-19.0	Peak	Vertical
	11914.0	47.3	-3.8	43.5	74.0	-30.5	Peak	Vertical
	12271.0	45.4	-3.3	42.1	74.0	-31.9	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	Wayne Wang
Test Date	2023-03-02~2023-03-04	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
*	7936.0	55.3	-6.0	49.3	68.2	-18.9	Peak	Horizontal
*	10537.0	50.7	-4.2	46.5	68.2	-21.7	Peak	Horizontal
	11599.5	45.8	-3.8	42.0	74.0	-32.0	Peak	Horizontal
	12143.5	46.1	-3.5	42.6	74.0	-31.4	Peak	Horizontal
*	7936.0	53.4	-6.0	47.4	68.2	-20.8	Peak	Vertical
*	10537.0	49.1	-4.2	44.9	68.2	-23.3	Peak	Vertical
	11489.0	46.1	-3.8	42.3	74.0	-31.7	Peak	Vertical
	12254.0	45.7	-3.3	42.4	74.0	-31.6	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	Wayne Wang
Test Date	2023-03-02~2023-03-04	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
*	7936.0	55.1	-6.0	49.1	68.2	-19.1	Peak	Horizontal
*	10069.5	47.5	-4.7	42.8	68.2	-25.4	Peak	Horizontal
	10605.0	53.6	-4.4	49.2	74.0	-24.8	Peak	Horizontal
	11871.5	46.2	-3.9	42.3	74.0	-31.7	Peak	Horizontal
*	7936.0	52.4	-6.0	46.4	68.2	-21.8	Peak	Vertical
*	9695.5	47.3	-5.2	42.1	68.2	-26.1	Peak	Vertical
	10622.0	52.9	-4.4	48.5	74.0	-25.5	Peak	Vertical
	11897.0	46.0	-3.5	42.5	74.0	-31.5	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	Wayne Wang
Test Date	2023-03-02~2023-03-04	Test Mode	802.11ac-VHT40 – Channel 102
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8267.5	55.4	-5.4	50.0	74.0	-24.0	Peak	Horizontal
*	9704.0	46.9	-5.1	41.8	68.2	-26.4	Peak	Horizontal
	11021.5	50.1	-4.5	45.6	74.0	-28.4	Peak	Horizontal
*	12866.0	45.5	-2.7	42.8	68.2	-25.4	Peak	Horizontal
*	7936.0	52.3	-6.0	46.3	68.2	-21.9	Peak	Vertical
*	9644.5	47.4	-5.1	42.3	68.2	-25.9	Peak	Vertical
	11021.5	53.5	-4.5	49.0	74.0	-25.0	Peak	Vertical
	12492.0	44.8	-2.7	42.1	74.0	-31.9	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	Wayne Wang
Test Date	2023-03-02~2023-03-04	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
*	7936.0	55.7	-6.0	49.7	68.2	-18.5	Peak	Horizontal
	8327.0	56.6	-5.8	50.8	74.0	-23.2	Peak	Horizontal
*	10154.5	47.7	-4.8	42.9	68.2	-25.3	Peak	Horizontal
	11098.0	51.5	-4.4	47.1	74.0	-26.9	Peak	Horizontal
*	7936.0	53.0	-6.0	47.0	68.2	-21.2	Peak	Vertical
*	9823.0	47.8	-5.2	42.6	68.2	-25.6	Peak	Vertical
	11098.0	52.0	-4.4	47.6	74.0	-26.4	Peak	Vertical
	11965.0	45.9	-3.5	42.4	74.0	-31.6	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	Wayne Wang
Test Date	2023-03-02~2023-03-04	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
*	7936.0	54.8	-6.0	48.8	68.2	-19.4	Peak	Horizontal
*	8505.5	56.5	-6.0	50.5	68.2	-17.7	Peak	Horizontal
	10834.5	47.6	-4.7	42.9	74.0	-31.1	Peak	Horizontal
	11667.5	46.5	-4.1	42.4	74.0	-31.6	Peak	Horizontal
*	7936.0	52.7	-6.0	46.7	68.2	-21.5	Peak	Vertical
*	9661.5	47.4	-5.1	42.3	68.2	-25.9	Peak	Vertical
	11344.5	49.1	-3.9	45.2	74.0	-28.8	Peak	Vertical
	12177.5	45.6	-3.2	42.4	74.0	-31.6	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	Wayne Wang
Test Date	2023-03-02~2023-03-04	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
*	7936.0	54.2	-6.0	48.2	68.2	-20.0	Peak	Horizontal
*	8565.0	56.8	-5.4	51.4	68.2	-16.8	Peak	Horizontal
	10690.0	47.0	-4.6	42.4	74.0	-31.6	Peak	Horizontal
	11948.0	46.0	-3.6	42.4	74.0	-31.6	Peak	Horizontal
*	7936.0	52.6	-6.0	46.6	68.2	-21.6	Peak	Vertical
*	9780.5	47.7	-5.0	42.7	68.2	-25.5	Peak	Vertical
	11412.5	47.8	-4.1	43.7	74.0	-30.3	Peak	Vertical
	11914.0	47.0	-3.8	43.2	74.0	-30.8	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	Wayne Wang
Test Date	2023-03-02~2023-03-04	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
*	9695.5	46.9	-5.2	41.7	68.2	-26.5	Peak	Horizontal
	11506.0	47.0	-3.7	43.3	74.0	-30.7	Peak	Horizontal
	12228.5	45.8	-3.3	42.5	74.0	-31.5	Peak	Horizontal
*	14821.0	42.0	1.1	43.1	68.2	-25.1	Peak	Horizontal
*	7936.0	51.6	-6.0	45.6	68.2	-22.6	Peak	Vertical
*	10248.0	46.8	-5.0	41.8	68.2	-26.4	Peak	Vertical
	11506.0	52.7	-3.7	49.0	74.0	-25.0	Peak	Vertical
	12432.5	45.2	-3.1	42.1	74.0	-31.9	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	Wayne Wang
Test Date	2023-03-02~2023-03-04	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
*	7936.0	54.6	-6.0	48.6	68.2	-19.6	Peak	Horizontal
*	8692.5	56.7	-5.4	51.3	68.2	-16.9	Peak	Horizontal
	10877.0	46.2	-4.5	41.7	74.0	-32.3	Peak	Horizontal
	11591.0	52.2	-3.9	48.3	74.0	-25.7	Peak	Horizontal
*	7936.0	52.8	-6.0	46.8	68.2	-21.4	Peak	Vertical
*	9925.0	47.1	-4.9	42.2	68.2	-26.0	Peak	Vertical
	10800.5	46.9	-4.5	42.4	74.0	-31.6	Peak	Vertical
	11565.5	52.3	-3.9	48.4	74.0	-25.6	Peak	Vertical

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

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

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

Test Site	SIP-AC1	Test Engineer	Wayne Wang
Test Date	2023-03-02~2023-03-04	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
*	7936.0	51.3	-3.7	47.6	68.2	-20.6	Peak	Horizontal
*	10418.0	51.4	-3.1	48.3	68.2	-19.9	Peak	Horizontal
	10945.0	48.6	-3.5	45.1	74.0	-28.9	Peak	Horizontal
	11914.0	48.3	-3.2	45.1	74.0	-28.9	Peak	Horizontal
*	10180.0	47.7	-2.7	45.0	68.2	-23.2	Peak	Vertical
	11013.0	47.7	-3.0	44.7	74.0	-29.3	Peak	Vertical
	12526.0	47.1	-2.6	44.5	74.0	-29.5	Peak	Vertical
*	14251.5	46.7	1.4	48.1	68.2	-20.1	Peak	Vertical

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

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

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

Test Site	SIP-AC1	Test Engineer	Wayne Wang
Test Date	2023-03-02~2023-03-04	Test Mode	802.11ac-VHT80 – Channel 58
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	7936.0	55.0	-3.7	51.3	68.2	-16.9	Peak	Horizontal
*	10579.5	52.5	-2.6	49.9	68.2	-18.3	Peak	Horizontal
	11200.0	47.1	-2.6	44.5	74.0	-29.5	Peak	Horizontal
	11914.0	48.4	-3.2	45.2	74.0	-28.8	Peak	Horizontal
	8327.0	47.9	-2.8	45.1	74.0	-28.9	Peak	Vertical
*	10579.5	48.6	-2.6	46.0	68.2	-22.2	Peak	Vertical
	11735.5	45.9	-3.6	42.3	74.0	-31.7	Peak	Vertical
*	13920.0	46.9	0.5	47.4	68.2	-20.8	Peak	Vertical

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

Note 2: Measure Level (dBμV/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	Wayne Wang
Test Date	2023-03-02~2023-03-04	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
*	7936.0	54.3	-3.7	50.6	68.2	-17.6	Peak	Horizontal
	8293.0	53.2	-2.6	50.6	74.0	-23.4	Peak	Horizontal
*	9746.5	47.2	-3.2	44.0	68.2	-24.2	Peak	Horizontal
	11064.0	50.4	-3.3	47.1	74.0	-26.9	Peak	Horizontal
*	8956.0	48.2	-2.5	45.7	68.2	-22.5	Peak	Vertical
*	10367.0	47.4	-2.4	45.0	68.2	-23.2	Peak	Vertical
	11089.5	49.7	-2.9	46.8	74.0	-27.2	Peak	Vertical
	11769.5	48.5	-3.6	44.9	74.0	-29.1	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	Wayne Wang
Test Date	2023-03-02~2023-03-04	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
*	7936.0	55.2	-3.7	51.5	68.2	-16.7	Peak	Horizontal
	8412.0	54.3	-2.9	51.4	74.0	-22.6	Peak	Horizontal
	8412.0	48.0	-2.9	45.1	54.0	-8.9	Average	Horizontal
*	10078.0	46.0	-2.8	43.2	68.2	-25.0	Peak	Horizontal
	11914.0	50.3	-3.2	47.1	74.0	-26.9	Peak	Horizontal
*	10146.0	47.0	-2.8	44.2	68.2	-24.0	Peak	Vertical
	11208.5	51.5	-3.0	48.5	74.0	-25.5	Peak	Vertical
	12526.0	48.3	-2.6	45.7	74.0	-28.3	Peak	Vertical
*	13945.5	46.5	1.1	47.6	68.2	-20.6	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	Wayne Wang
Test Date	2023-03-02~2023-03-04	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
*	7936.0	54.7	-3.7	51.0	68.2	-17.2	Peak	Horizontal
*	8531.0	53.3	-3.1	50.2	68.2	-18.0	Peak	Horizontal
	11387.0	48.3	-3.0	45.3	74.0	-28.7	Peak	Horizontal
	11914.0	49.3	-3.2	46.1	74.0	-27.9	Peak	Horizontal
*	8939.0	47.5	-2.3	45.2	68.2	-23.0	Peak	Vertical
*	10044.0	47.3	-2.8	44.5	68.2	-23.7	Peak	Vertical
	11191.5	47.6	-2.9	44.7	74.0	-29.3	Peak	Vertical
	11854.5	48.4	-3.7	44.7	74.0	-29.3	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	Wayne Wang
Test Date	2023-03-02~2023-03-04	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
*	7936.0	54.0	-3.7	50.3	68.2	-17.9	Peak	Horizontal
*	8658.5	53.0	-3.3	49.7	68.2	-18.5	Peak	Horizontal
	11021.5	46.2	-3.2	43.0	74.0	-31.0	Peak	Horizontal
	11914.0	49.3	-3.2	46.1	74.0	-27.9	Peak	Horizontal
*	7936.0	51.5	-3.7	47.8	68.2	-20.4	Peak	Vertical
*	9653.0	48.4	-3.1	45.3	68.2	-22.9	Peak	Vertical
	11565.5	52.7	-3.5	49.2	74.0	-24.8	Peak	Vertical
	12594.0	47.0	-2.2	44.8	74.0	-29.2	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	Wayne Wang
Test Date	2023-03-02~2023-03-04	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
*	7936.0	54.7	-3.7	51.0	68.2	-17.2	Peak	Horizontal
*	10503.0	52.7	-2.7	50.0	68.2	-18.2	Peak	Horizontal
	11140.5	47.6	-3.3	44.3	74.0	-29.7	Peak	Horizontal
	11914.0	49.1	-3.2	45.9	74.0	-28.1	Peak	Horizontal
*	9993.0	46.7	-3.2	43.5	68.2	-24.7	Peak	Vertical
	11395.5	47.8	-3.0	44.8	74.0	-29.2	Peak	Vertical
	12653.5	49.2	-2.5	46.7	74.0	-27.3	Peak	Vertical
*	13733.0	45.7	0.5	46.2	68.2	-22.0	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	Wayne Wang
Test Date	2023-03-02~2023-03-04	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
*	7936.0	54.7	-3.7	51.0	68.2	-17.2	Peak	Horizontal
	8352.5	54.1	-3.3	50.8	74.0	-23.2	Peak	Horizontal
*	9865.5	48.0	-3.0	45.0	68.2	-23.2	Peak	Horizontal
	11140.5	48.7	-3.3	45.4	74.0	-28.6	Peak	Horizontal
*	8964.5	48.0	-2.8	45.2	68.2	-23.0	Peak	Vertical
*	10163.0	48.1	-2.4	45.7	68.2	-22.5	Peak	Vertical
	11480.5	46.3	-3.2	43.1	74.0	-30.9	Peak	Vertical
	12330.5	46.0	-3.0	43.0	74.0	-31.0	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	Wayne Wang
Test Date	2023-03-02~2023-03-04	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
*	7936.0	54.3	-3.7	50.6	68.2	-17.6	Peak	Horizontal
*	10358.5	53.9	-2.5	51.4	68.2	-16.8	Peak	Horizontal
	11208.5	48.2	-3.0	45.2	74.0	-28.8	Peak	Horizontal
	11914.0	48.9	-3.2	45.7	74.0	-28.3	Peak	Horizontal
*	8735.0	46.3	-2.8	43.5	68.2	-24.7	Peak	Vertical
*	9959.0	47.6	-2.8	44.8	68.2	-23.4	Peak	Vertical
	10919.5	47.8	-3.2	44.6	74.0	-29.4	Peak	Vertical
	12475.0	47.8	-2.5	45.3	74.0	-28.7	Peak	Vertical

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

Note 2: Measure Level (dBμV/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	Wayne Wang
Test Date	2023-03-02~2023-03-04	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
*	7936.0	54.3	-3.7	50.6	68.2	-17.6	Peak	Horizontal
*	10443.5	54.4	-2.8	51.6	68.2	-16.6	Peak	Horizontal
	11914.0	49.0	-3.2	45.8	74.0	-28.2	Peak	Horizontal
	12271.0	46.9	-3.6	43.3	74.0	-30.7	Peak	Horizontal
*	7936.0	51.2	-3.7	47.5	68.2	-20.7	Peak	Vertical
*	10435.0	51.9	-3.0	48.9	68.2	-19.3	Peak	Vertical
	11897.0	48.6	-3.4	45.2	74.0	-28.8	Peak	Vertical
	12441.0	46.6	-2.6	44.0	74.0	-30.0	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	Wayne Wang
Test Date	2023-03-02~2023-03-04	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
*	7936.0	55.3	-3.7	51.6	68.2	-16.6	Peak	Horizontal
*	10477.5	54.7	-2.3	52.4	68.2	-15.8	Peak	Horizontal
	11378.5	48.2	-3.3	44.9	74.0	-29.1	Peak	Horizontal
	11914.0	48.8	-3.2	45.6	74.0	-28.4	Peak	Horizontal
*	7936.0	51.4	-3.7	47.7	68.2	-20.5	Peak	Vertical
*	10469.0	51.2	-2.3	48.9	68.2	-19.3	Peak	Vertical
	11480.5	48.1	-3.2	44.9	74.0	-29.1	Peak	Vertical
	12220.0	46.9	-3.1	43.8	74.0	-30.2	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	Wayne Wang
Test Date	2023-03-02~2023-03-04	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
*	7936.0	54.3	-3.7	50.6	68.2	-17.6	Peak	Horizontal
*	10520.0	52.7	-3.2	49.5	68.2	-18.7	Peak	Horizontal
	11200.0	47.4	-2.6	44.8	74.0	-29.2	Peak	Horizontal
	11914.0	49.2	-3.2	46.0	74.0	-28.0	Peak	Horizontal
*	7936.0	50.6	-3.7	46.9	68.2	-21.3	Peak	Vertical
*	10520.0	49.3	-3.2	46.1	68.2	-22.1	Peak	Vertical
	11395.5	47.6	-3.0	44.6	74.0	-29.4	Peak	Vertical
	12194.5	48.7	-3.4	45.3	74.0	-28.7	Peak	Vertical

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

Note 2: Measure Level (dBμV/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	Wayne Wang
Test Date	2023-03-02~2023-03-04	Test Mode	802.11ax-HE20 – Channel 60
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	7953.0	54.1	-3.6	50.5	68.2	-17.7	Peak	Horizontal
*	10596.5	53.6	-2.8	50.8	68.2	-17.4	Peak	Horizontal
	11642.0	49.3	-3.3	46.0	74.0	-28.0	Peak	Horizontal
	11914.0	48.4	-3.2	45.2	74.0	-28.8	Peak	Horizontal
*	9789.0	48.1	-3.3	44.8	68.2	-23.4	Peak	Vertical
*	10596.5	51.8	-2.8	49.0	68.2	-19.2	Peak	Vertical
	11285.0	48.4	-3.2	45.2	74.0	-28.8	Peak	Vertical
	12526.0	47.7	-2.6	45.1	74.0	-28.9	Peak	Vertical

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

Note 2: Measure Level (dBμV/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	Wayne Wang
Test Date	2023-03-02~2023-03-04	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
*	7936.0	54.3	-3.7	50.6	68.2	-17.6	Peak	Horizontal
	10639.0	53.2	-3.2	50.0	74.0	-24.0	Peak	Horizontal
	11098.0	48.0	-2.8	45.2	74.0	-28.8	Peak	Horizontal
	11914.0	49.5	-3.2	46.3	74.0	-27.7	Peak	Horizontal
*	9661.5	47.6	-3.3	44.3	68.2	-23.9	Peak	Vertical
	10639.0	50.6	-3.2	47.4	74.0	-26.6	Peak	Vertical
	12041.5	48.4	-3.5	44.9	74.0	-29.1	Peak	Vertical
*	13835.0	45.9	0.8	46.7	68.2	-21.5	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Wayne Wang
Test Date	2023-03-02~2023-03-04	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
*	7936.0	54.2	-3.7	50.5	68.2	-17.7	Peak	Horizontal
	8250.5	53.9	-3.1	50.8	74.0	-23.2	Peak	Horizontal
*	9942.0	48.5	-2.7	45.8	68.2	-22.4	Peak	Horizontal
	10996.0	50.7	-2.9	47.8	74.0	-26.2	Peak	Horizontal
	8250.5	49.6	-3.1	46.5	74.0	-27.5	Peak	Vertical
*	9568.0	47.9	-3.0	44.9	68.2	-23.3	Peak	Vertical
	11004.5	51.0	-3.0	48.0	74.0	-26.0	Peak	Vertical
*	13724.5	46.4	0.3	46.7	68.2	-21.5	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Wayne Wang
Test Date	2023-03-02~2023-03-04	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
*	7936.0	54.9	-3.7	51.2	68.2	-17.0	Peak	Horizontal
	8369.5	54.4	-3.4	51.0	74.0	-23.0	Peak	Horizontal
	8369.5	49.0	-3.4	45.6	54.0	-8.4	Average	Horizontal
*	9959.0	47.5	-2.8	44.7	68.2	-23.5	Peak	Horizontal
	11157.5	50.3	-3.3	47.0	74.0	-27.0	Peak	Horizontal
*	8956.0	47.2	-2.5	44.7	68.2	-23.5	Peak	Vertical
*	9959.0	47.0	-2.8	44.2	68.2	-24.0	Peak	Vertical
	11166.0	52.5	-3.3	49.2	74.0	-24.8	Peak	Vertical
	12653.5	48.1	-2.5	45.6	74.0	-28.4	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	Wayne Wang
Test Date	2023-03-02~2023-03-04	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
*	7936.0	55.6	-3.7	51.9	68.2	-16.3	Peak	Horizontal
*	8548.0	53.3	-3.4	49.9	68.2	-18.3	Peak	Horizontal
	11404.0	47.8	-3.0	44.8	74.0	-29.2	Peak	Horizontal
	11914.0	49.1	-3.2	45.9	74.0	-28.1	Peak	Horizontal
*	9848.5	48.3	-3.0	45.3	68.2	-22.9	Peak	Vertical
	11404.0	48.2	-3.0	45.2	74.0	-28.8	Peak	Vertical
	12033.0	48.0	-3.4	44.6	74.0	-29.4	Peak	Vertical
*	13852.0	46.9	0.9	47.8	68.2	-20.4	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Wayne Wang
Test Date	2023-03-02~2023-03-04	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
*	7936.0	55.7	-3.7	52.0	68.2	-16.2	Peak	Horizontal
*	8582.0	53.3	-3.8	49.5	68.2	-18.7	Peak	Horizontal
	10843.0	48.0	-3.6	44.4	74.0	-29.6	Peak	Horizontal
	11914.0	49.5	-3.2	46.3	74.0	-27.7	Peak	Horizontal
*	7936.0	51.0	-3.7	47.3	68.2	-20.9	Peak	Vertical
	8369.5	48.7	-3.4	45.3	74.0	-28.7	Peak	Vertical
*	9916.5	47.8	-3.2	44.6	68.2	-23.6	Peak	Vertical
	11174.5	46.3	-3.2	43.1	74.0	-30.9	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	Wayne Wang
Test Date	2023-03-02~2023-03-04	Test Mode	802.11ax-HE20 – Channel 149
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	8616.0	52.7	-2.8	49.9	68.2	-18.3	Peak	Horizontal
	11489.0	53.5	-3.1	50.4	74.0	-23.6	Peak	Horizontal
	12509.0	48.0	-2.4	45.6	74.0	-28.4	Peak	Horizontal
*	17218.0	52.1	5.0	57.1	68.2	-11.1	Peak	Horizontal
	11081.0	46.9	-3.0	43.9	74.0	-30.1	Peak	Vertical
	11489.0	53.8	-3.1	50.7	74.0	-23.3	Peak	Vertical
*	12713.0	47.7	-1.6	46.1	68.2	-22.1	Peak	Vertical
*	17226.5	56.4	5.1	61.5	68.2	-6.7	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	Wayne Wang
Test Date	2023-03-02~2023-03-04	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
*	7936.0	55.0	-3.7	51.3	68.2	-16.9	Peak	Horizontal
*	8675.5	53.2	-3.7	49.5	68.2	-18.7	Peak	Horizontal
	11574.0	51.8	-3.3	48.5	74.0	-25.5	Peak	Horizontal
	11914.0	50.4	-3.2	47.2	74.0	-26.8	Peak	Horizontal
	10894.0	47.5	-3.2	44.3	74.0	-29.7	Peak	Vertical
	11574.0	54.7	-3.3	51.4	74.0	-22.6	Peak	Vertical
*	14744.5	45.7	1.9	47.6	68.2	-20.6	Peak	Vertical
*	17354.0	48.3	4.7	53.0	68.2	-15.2	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Wayne Wang
Test Date	2023-03-02~2023-03-04	Test Mode	802.11ax-HE20 – Channel 165
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	8735.0	53.1	-2.8	50.3	68.2	-17.9	Peak	Horizontal
	11650.5	52.7	-3.4	49.3	74.0	-24.7	Peak	Horizontal
	12373.0	47.0	-2.8	44.2	74.0	-29.8	Peak	Horizontal
*	17473.0	52.0	5.1	57.1	68.2	-11.1	Peak	Horizontal
	10843.0	48.1	-3.6	44.5	74.0	-29.5	Peak	Vertical
	11650.5	51.9	-3.4	48.5	74.0	-25.5	Peak	Vertical
*	14132.5	46.7	1.1	47.8	68.2	-20.4	Peak	Vertical
*	17473.0	57.6	5.1	62.7	68.2	-5.5	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	Wayne Wang
Test Date	2023-03-02~2023-03-04	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
*	7936.0	55.0	-3.7	51.3	68.2	-16.9	Peak	Horizontal
*	10384.0	53.3	-2.5	50.8	68.2	-17.4	Peak	Horizontal
	11395.5	48.2	-3.0	45.2	74.0	-28.8	Peak	Horizontal
	11905.5	48.4	-3.3	45.1	74.0	-28.9	Peak	Horizontal
*	9840.0	48.0	-3.2	44.8	68.2	-23.4	Peak	Vertical
	11123.5	47.6	-3.3	44.3	74.0	-29.7	Peak	Vertical
	12033.0	48.5	-3.4	45.1	74.0	-28.9	Peak	Vertical
*	13741.5	46.7	0.5	47.2	68.2	-21.0	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	Wayne Wang
Test Date	2023-03-02~2023-03-04	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
*	10460.5	54.1	-2.5	51.6	68.2	-16.6	Peak	Horizontal
	11914.0	48.5	-3.2	45.3	74.0	-28.7	Peak	Horizontal
	12628.0	48.0	-2.2	45.8	74.0	-28.2	Peak	Horizontal
*	14090.0	45.8	1.2	47.0	68.2	-21.2	Peak	Horizontal
*	10460.5	49.8	-2.5	47.3	68.2	-20.9	Peak	Vertical
	10868.5	47.7	-3.1	44.6	74.0	-29.4	Peak	Vertical
	11769.5	48.9	-3.6	45.3	74.0	-28.7	Peak	Vertical
*	13750.0	46.8	0.5	47.3	68.2	-20.9	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Wayne Wang
Test Date	2023-03-02~2023-03-04	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
*	7936.0	55.6	-3.7	51.9	68.2	-16.3	Peak	Horizontal
*	10537.0	53.4	-3.1	50.3	68.2	-17.9	Peak	Horizontal
	11200.0	47.4	-2.6	44.8	74.0	-29.2	Peak	Horizontal
	11914.0	49.7	-3.2	46.5	74.0	-27.5	Peak	Horizontal
*	9568.0	48.0	-3.0	45.0	68.2	-23.2	Peak	Vertical
*	10537.0	48.8	-3.1	45.7	68.2	-22.5	Peak	Vertical
	11191.5	47.9	-2.9	45.0	74.0	-29.0	Peak	Vertical
	12415.5	47.9	-2.5	45.4	74.0	-28.6	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	Wayne Wang
Test Date	2023-03-02~2023-03-04	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
*	7936.0	54.0	-3.7	50.3	68.2	-17.9	Peak	Horizontal
*	9865.5	47.6	-3.0	44.6	68.2	-23.6	Peak	Horizontal
	10622.0	53.4	-3.3	50.1	74.0	-23.9	Peak	Horizontal
	11914.0	48.5	-3.2	45.3	74.0	-28.7	Peak	Horizontal
*	9916.5	47.8	-3.2	44.6	68.2	-23.6	Peak	Vertical
	10613.5	49.5	-3.1	46.4	74.0	-27.6	Peak	Vertical
	11914.0	47.8	-3.2	44.6	74.0	-29.4	Peak	Vertical
*	13954.0	46.2	1.4	47.6	68.2	-20.6	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	Wayne Wang
Test Date	2023-03-02~2023-03-04	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
*	7936.0	54.7	-3.7	51.0	68.2	-17.2	Peak	Horizontal
*	9950.5	47.4	-2.8	44.6	68.2	-23.6	Peak	Horizontal
	11021.5	50.9	-3.2	47.7	74.0	-26.3	Peak	Horizontal
	11905.5	49.2	-3.3	45.9	74.0	-28.1	Peak	Horizontal
*	10171.5	46.6	-2.6	44.0	68.2	-24.2	Peak	Vertical
	11021.5	50.2	-3.2	47.0	74.0	-27.0	Peak	Vertical
	11999.0	48.3	-3.4	44.9	74.0	-29.1	Peak	Vertical
*	13631.0	47.4	-0.1	47.3	68.2	-20.9	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Wayne Wang
Test Date	2023-03-02~2023-03-04	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
*	7936.0	54.8	-3.7	51.1	68.2	-17.1	Peak	Horizontal
	8327.0	53.8	-2.8	51.0	74.0	-23.0	Peak	Horizontal
	8327.0	48.7	-2.8	45.9	54.0	-8.1	Average	Horizontal
*	10180.0	47.9	-2.7	45.2	68.2	-23.0	Peak	Horizontal
	11098.0	50.8	-2.8	48.0	74.0	-26.0	Peak	Horizontal
*	10375.5	47.7	-2.5	45.2	68.2	-23.0	Peak	Vertical
	11098.0	51.2	-2.8	48.4	74.0	-25.6	Peak	Vertical
	12126.5	48.5	-3.5	45.0	74.0	-29.0	Peak	Vertical
*	13639.5	46.9	-0.1	46.8	68.2	-21.4	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Wayne Wang
Test Date	2023-03-02~2023-03-04	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
*	7936.0	55.1	-3.7	51.4	68.2	-16.8	Peak	Horizontal
*	8505.5	54.3	-3.1	51.2	68.2	-17.0	Peak	Horizontal
	10911.0	47.7	-3.2	44.5	74.0	-29.5	Peak	Horizontal
	11914.0	49.6	-3.2	46.4	74.0	-27.6	Peak	Horizontal
*	10350.0	47.9	-2.6	45.3	68.2	-22.9	Peak	Vertical
	11089.5	49.3	-2.9	46.4	74.0	-27.6	Peak	Vertical
	12432.5	48.7	-2.6	46.1	74.0	-27.9	Peak	Vertical
*	13945.5	46.9	1.1	48.0	68.2	-20.2	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	Wayne Wang
Test Date	2023-03-02~2023-03-04	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
*	7936.0	55.2	-3.7	51.5	68.2	-16.7	Peak	Horizontal
*	8565.0	53.4	-3.5	49.9	68.2	-18.3	Peak	Horizontal
	11038.5	47.6	-3.3	44.3	74.0	-29.7	Peak	Horizontal
	11905.5	49.1	-3.3	45.8	74.0	-28.2	Peak	Horizontal
*	7936.0	51.7	-3.7	48.0	68.2	-20.2	Peak	Vertical
*	10392.5	47.6	-2.7	44.9	68.2	-23.3	Peak	Vertical
	11565.5	48.4	-3.5	44.9	74.0	-29.1	Peak	Vertical
	12407.0	47.5	-2.5	45.0	74.0	-29.0	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	Wayne Wang
Test Date	2023-03-02~2023-03-04	Test Mode	802.11ax-HE40 – Channel 151
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	8633.0	53.0	-2.7	50.3	68.2	-17.9	Peak	Horizontal
	10970.5	45.8	-3.2	42.6	74.0	-31.4	Peak	Horizontal
	11582.5	46.5	-3.3	43.2	74.0	-30.8	Peak	Horizontal
*	17252.0	48.4	5.1	53.5	68.2	-14.7	Peak	Horizontal
	11514.5	52.9	-3.4	49.5	74.0	-24.5	Peak	Vertical
	12050.0	47.8	-3.6	44.2	74.0	-29.8	Peak	Vertical
*	14090.0	46.5	1.2	47.7	68.2	-20.5	Peak	Vertical
*	17243.5	50.6	5.1	55.7	68.2	-12.5	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	Wayne Wang
Test Date	2023-03-02~2023-03-04	Test Mode	802.11ax-HE40 – Channel 159
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	8692.5	53.3	-3.6	49.7	68.2	-18.5	Peak	Horizontal
	11191.5	48.0	-2.9	45.1	74.0	-28.9	Peak	Horizontal
	11591.0	50.9	-3.3	47.6	74.0	-26.4	Peak	Horizontal
*	17379.5	47.0	4.8	51.8	68.2	-16.4	Peak	Horizontal
	11574.0	52.5	-3.3	49.2	74.0	-24.8	Peak	Vertical
	12381.5	48.6	-2.7	45.9	74.0	-28.1	Peak	Vertical
*	13903.0	47.9	0.5	48.4	68.2	-19.8	Peak	Vertical
*	17371.0	49.4	4.7	54.1	68.2	-14.1	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	Wayne Wang
Test Date	2023-03-02~2023-03-04	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
*	7936.0	54.5	-3.7	50.8	68.2	-17.4	Peak	Horizontal
*	10418.0	53.0	-3.1	49.9	68.2	-18.3	Peak	Horizontal
	11166.0	48.4	-3.3	45.1	74.0	-28.9	Peak	Horizontal
	11914.0	50.1	-3.2	46.9	74.0	-27.1	Peak	Horizontal
*	10384.0	47.9	-2.5	45.4	68.2	-22.8	Peak	Vertical
	10868.5	48.2	-3.1	45.1	74.0	-28.9	Peak	Vertical
	12560.0	48.3	-2.4	45.9	74.0	-28.1	Peak	Vertical
*	13631.0	47.8	-0.1	47.7	68.2	-20.5	Peak	Vertical

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

Note 2: Measure Level (dBμV/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	Wayne Wang
Test Date	2023-03-02~2023-03-04	Test Mode	802.11ax-HE80 – Channel 58
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	7936.0	54.8	-3.7	51.1	68.2	-17.1	Peak	Horizontal
*	10579.5	53.0	-2.6	50.4	68.2	-17.8	Peak	Horizontal
	11242.5	48.0	-3.4	44.6	74.0	-29.4	Peak	Horizontal
	11905.5	49.2	-3.3	45.9	74.0	-28.1	Peak	Horizontal
*	7936.0	51.9	-3.7	48.2	68.2	-20.0	Peak	Vertical
	11302.0	47.7	-3.1	44.6	74.0	-29.4	Peak	Vertical
	11786.5	48.4	-3.5	44.9	74.0	-29.1	Peak	Vertical
*	13843.5	46.0	0.8	46.8	68.2	-21.4	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Wayne Wang
Test Date	2023-03-02~2023-03-04	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
*	7936.0	55.1	-3.7	51.4	68.2	-16.8	Peak	Horizontal
*	10579.5	52.6	-2.6	50.0	68.2	-18.2	Peak	Horizontal
	11302.0	47.8	-3.1	44.7	74.0	-29.3	Peak	Horizontal
	11914.0	48.9	-3.2	45.7	74.0	-28.3	Peak	Horizontal
*	7936.0	51.8	-3.7	48.1	68.2	-20.1	Peak	Vertical
*	9976.0	47.0	-2.8	44.2	68.2	-24.0	Peak	Vertical
	11208.5	47.7	-3.0	44.7	74.0	-29.3	Peak	Vertical
	12220.0	47.8	-3.1	44.7	74.0	-29.3	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	Wayne Wang
Test Date	2023-03-02~2023-03-04	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
*	7936.0	54.9	-3.7	51.2	68.2	-17.0	Peak	Horizontal
	8412.0	53.8	-2.9	50.9	74.0	-23.1	Peak	Horizontal
*	9933.5	47.7	-3.0	44.7	68.2	-23.5	Peak	Horizontal
	11217.0	51.2	-3.3	47.9	74.0	-26.1	Peak	Horizontal
*	9653.0	47.7	-3.1	44.6	68.2	-23.6	Peak	Vertical
	11200.0	50.4	-2.6	47.8	74.0	-26.2	Peak	Vertical
	12313.5	47.4	-2.9	44.5	74.0	-29.5	Peak	Vertical
*	14022.0	46.4	0.8	47.2	68.2	-21.0	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	Wayne Wang
Test Date	2023-03-02~2023-03-04	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
*	7936.0	55.7	-3.7	52.0	68.2	-16.2	Peak	Horizontal
*	8531.0	53.4	-3.1	50.3	68.2	-17.9	Peak	Horizontal
	11378.5	48.7	-3.3	45.4	74.0	-28.6	Peak	Horizontal
	11914.0	49.0	-3.2	45.8	74.0	-28.2	Peak	Horizontal
*	10044.0	47.3	-2.8	44.5	68.2	-23.7	Peak	Vertical
	11412.5	48.6	-3.2	45.4	74.0	-28.6	Peak	Vertical
	11999.0	48.6	-3.4	45.2	74.0	-28.8	Peak	Vertical
*	13954.0	46.1	1.4	47.5	68.2	-20.7	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	Wayne Wang
Test Date	2023-03-02~2023-03-04	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
*	7936.0	53.9	-3.7	50.2	68.2	-18.0	Peak	Horizontal
*	8658.5	53.3	-3.3	50.0	68.2	-18.2	Peak	Horizontal
	11293.5	47.3	-3.1	44.2	74.0	-29.8	Peak	Horizontal
	11914.0	50.0	-3.2	46.8	74.0	-27.2	Peak	Horizontal
*	10197.0	47.6	-2.7	44.9	68.2	-23.3	Peak	Vertical
	10970.5	48.3	-3.2	45.1	74.0	-28.9	Peak	Vertical
	11548.5	50.1	-3.7	46.4	74.0	-27.6	Peak	Vertical
*	13852.0	46.5	0.9	47.4	68.2	-20.8	Peak	Vertical

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

Note 2: Measure Level (dBμV/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	Wayne Wang
Test Date	2023-03-02~2023-03-04	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
*	7936.0	54.5	-3.7	50.8	68.2	-17.4	Peak	Horizontal
*	10503.0	52.0	-2.7	49.3	68.2	-18.9	Peak	Horizontal
	11336.0	48.7	-3.5	45.2	74.0	-28.8	Peak	Horizontal
	11914.0	48.9	-3.2	45.7	74.0	-28.3	Peak	Horizontal
*	10273.5	46.6	-2.4	44.2	68.2	-24.0	Peak	Vertical
	11106.5	47.6	-3.1	44.5	74.0	-29.5	Peak	Vertical
	12594.0	47.9	-2.2	45.7	74.0	-28.3	Peak	Vertical
*	14056.0	46.8	1.5	48.3	68.2	-19.9	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Wayne Wang
Test Date	2023-03-02~2023-03-04	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
*	7936.0	55.3	-3.7	51.6	68.2	-16.6	Peak	Horizontal
	8352.5	54.4	-3.3	51.1	74.0	-22.9	Peak	Horizontal
	8352.5	48.8	-3.3	45.5	54.0	-8.5	Average	Horizontal
*	9857.0	46.8	-2.8	44.0	68.2	-24.2	Peak	Horizontal
	11140.5	49.0	-3.3	45.7	74.0	-28.3	Peak	Horizontal
*	9865.5	46.8	-3.0	43.8	68.2	-24.4	Peak	Vertical
	11030.0	47.8	-3.3	44.5	74.0	-29.5	Peak	Vertical
	11667.5	48.8	-3.5	45.3	74.0	-28.7	Peak	Vertical
*	14073.0	45.8	1.4	47.2	68.2	-21.0	Peak	Vertical

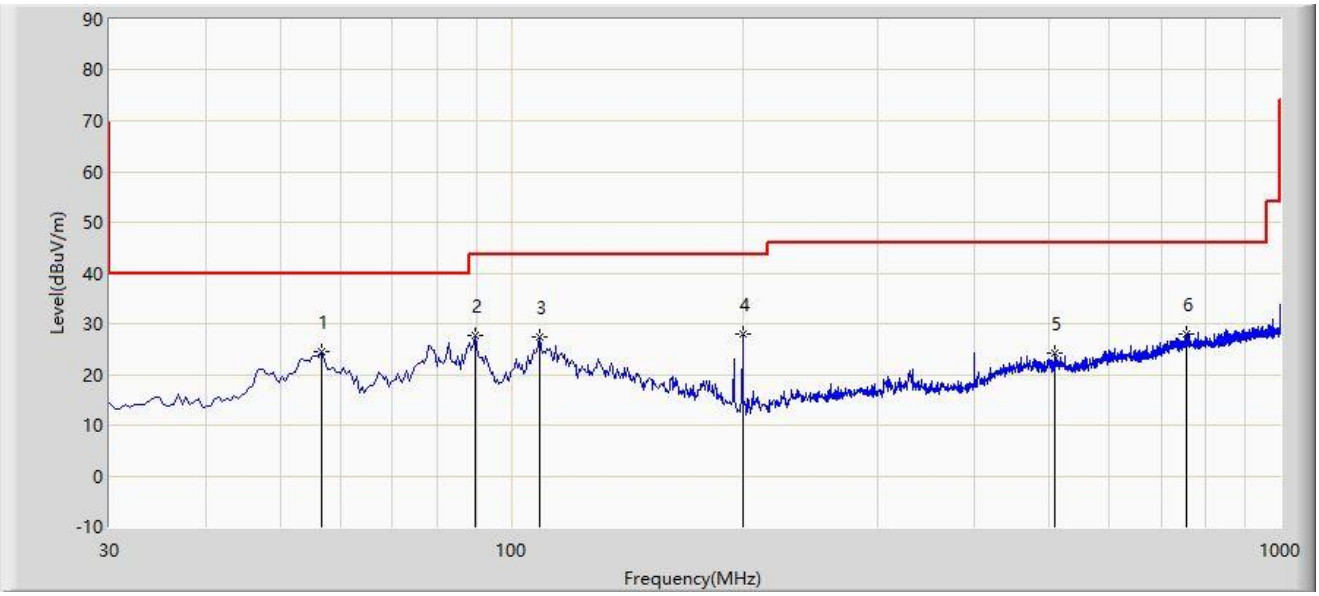
Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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)

The Result of Radiated Emission below 1GHz:

Site: SIP-AC2	Test Date: 2023-03-05
Limit: FCC_Part15.209_RSE(3m)	Engineer: Yien Qian
Probe: VULB 9168_00999_25-2000MHz	Polarity: Horizontal
EUT: Tri-band Wi-Fi 6E Wireless AP	Power: AC 120V/60Hz
Test Mode: Transmit by ax-HE20 at channel 5240MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	56.675	24.564	6.316	-15.436	40.000	18.248	PK
2		89.655	27.724	15.130	-15.776	43.500	12.594	PK
3		109.055	27.527	12.457	-15.973	43.500	15.071	PK
4		199.750	28.057	13.048	-15.443	43.500	15.008	PK
5		510.150	24.242	0.428	-21.758	46.000	23.814	PK
6		756.530	28.095	-0.570	-17.905	46.000	28.665	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.