

802.11ax-HE80 Power Spectral Density- Ant 0

Channel 42 (5210MHz)



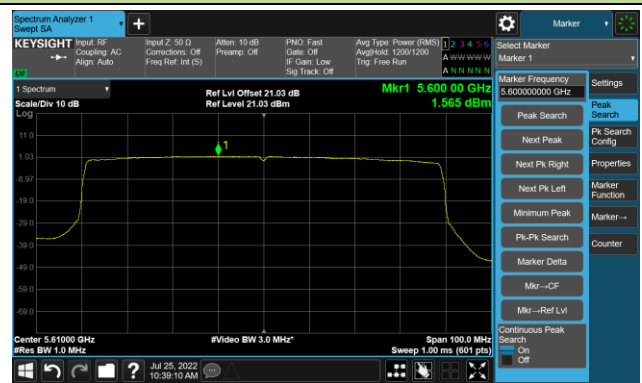
Channel 58 (5290MHz)



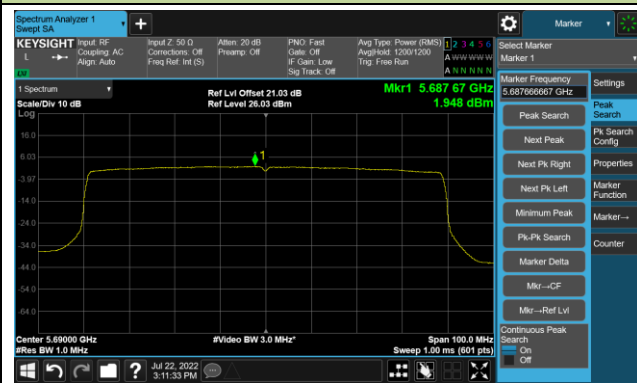
Channel 106 (5530MHz)



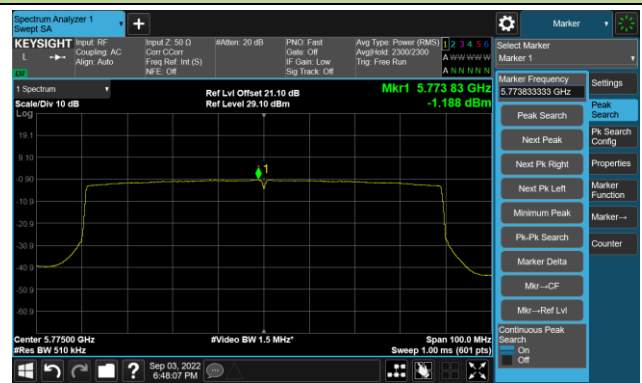
Channel 122 (5610MHz)



Channel 138 (5690MHz)



Channel 155 (5775MHz)



802.11a Power Spectral Density- Ant 1

Channel 36 (5180MHz)



Channel 44 (5220MHz)



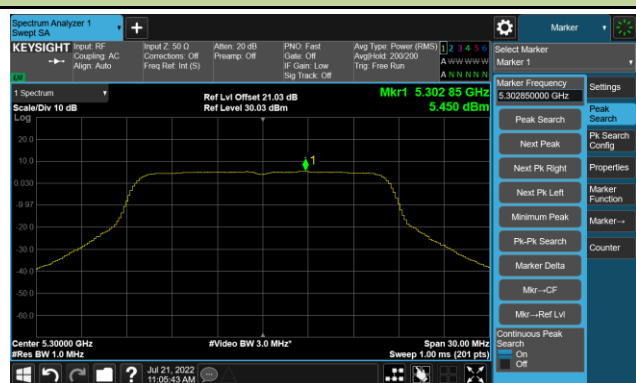
Channel 48 (5240MHz)



Channel 52 (5260MHz)



Channel 60 (5300MHz)



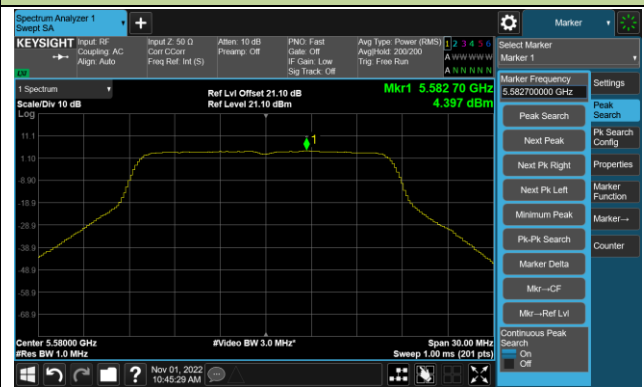
Channel 64 (5320MHz)



Channel 100 (5500MHz)



Channel 116 (5580MHz)



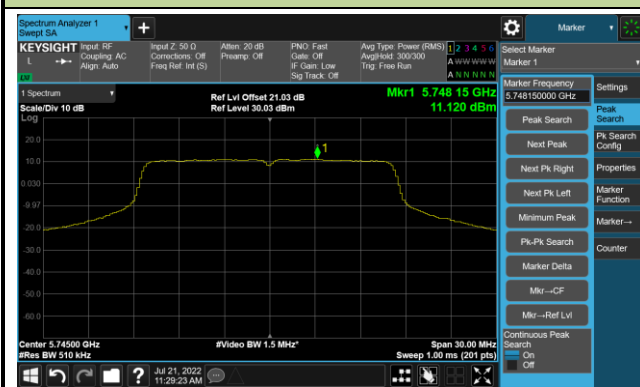
Channel 140 (5700MHz)



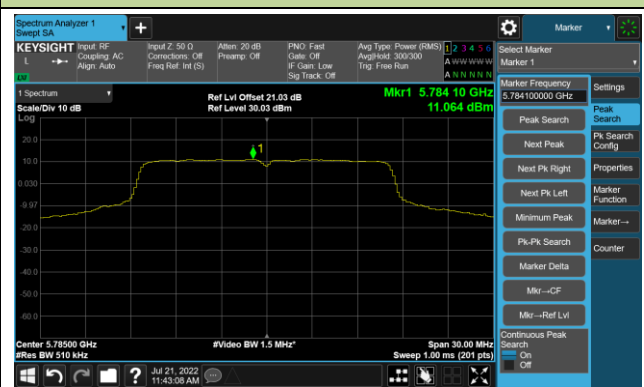
Channel 144(5720MHz)



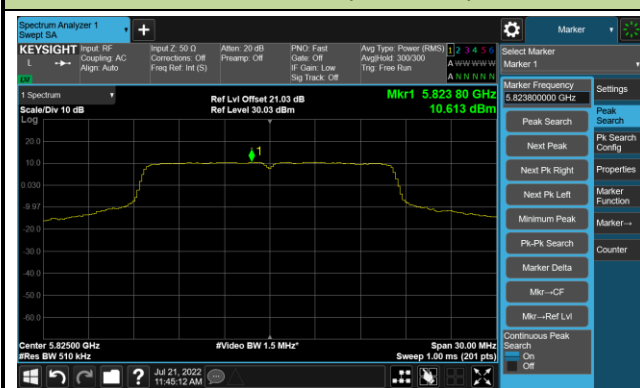
Channel 149 (5745MHz)



Channel 157 (5785MHz)



Channel 165 (5825MHz)



802.11ac-VHT20 Power Spectral Density- Ant 1

Channel 36 (5180MHz)



Channel 44 (5220MHz)



Channel 48 (5240MHz)



Channel 52 (5260MHz)



Channel 60 (5300MHz)



Channel 64 (5320MHz)



802.11ac-VHT20 Power Spectral Density- Ant 1

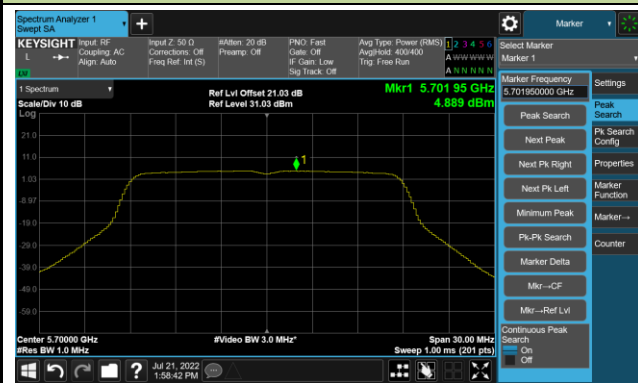
Channel 100 (5500MHz)



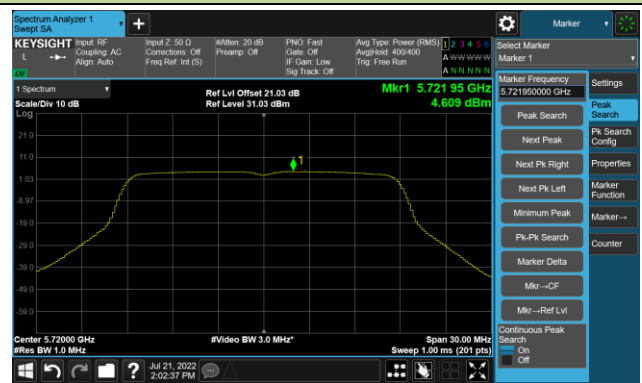
Channel 116 (5580MHz)



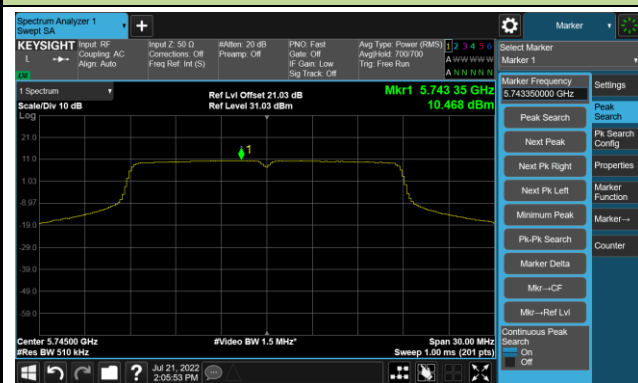
Channel 140 (5700MHz)



Channel 144(5720MHz)



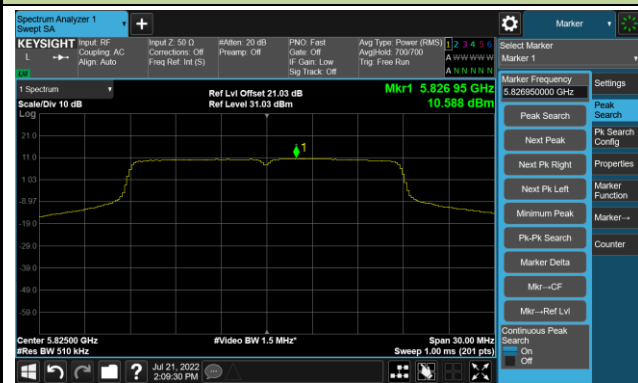
Channel 149 (5745MHz)



Channel 157 (5785MHz)

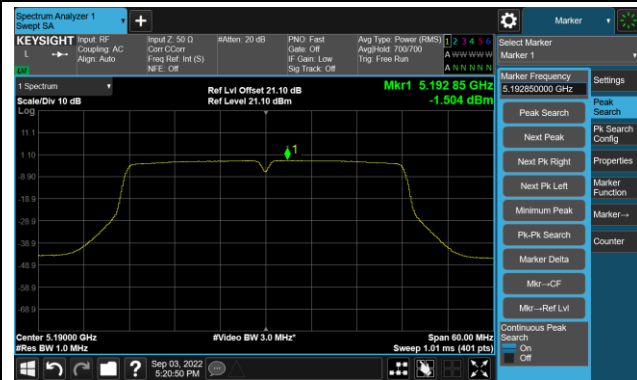


Channel 165 (5825MHz)



802.11ac-VHT40 Power Spectral Density- Ant 1

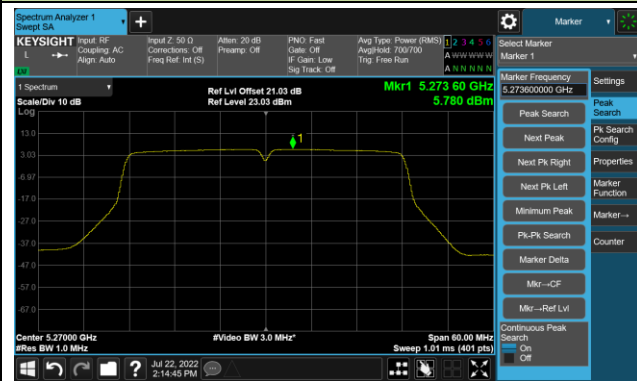
Channel 38 (5190MHz)



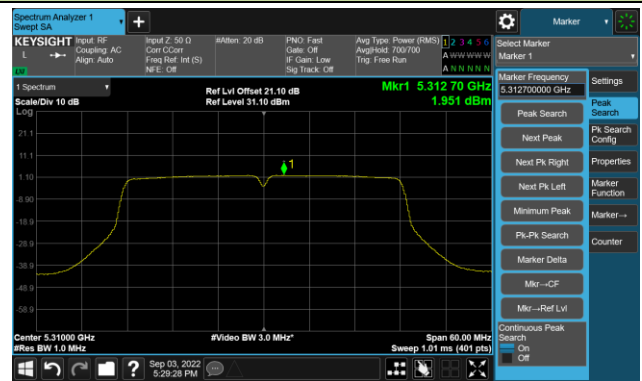
Channel 46 (5230MHz)



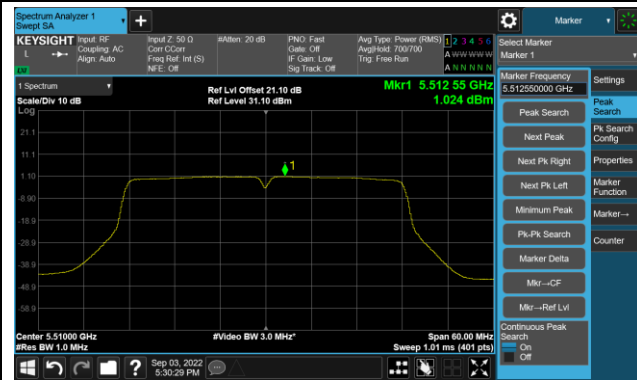
Channel 54 (5270MHz)



Channel 62 (5310MHz)



Channel 102 (5510MHz)



Channel 110 (5550MHz)

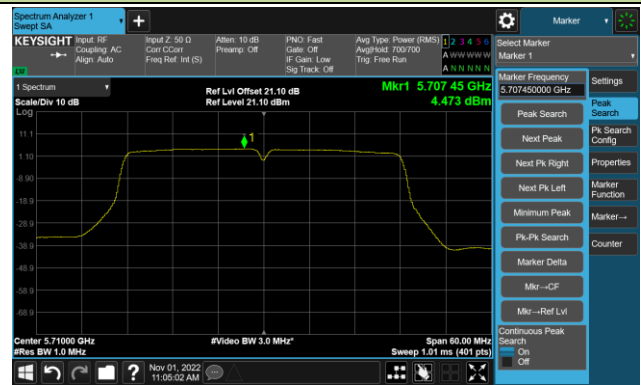


802.11ac-VHT40 Power Spectral Density- Ant 1

Channel 134 (5670MHz)



Channel 142(5710MHz)



Channel 151 (5755MHz)



Channel 159 (5795MHz)

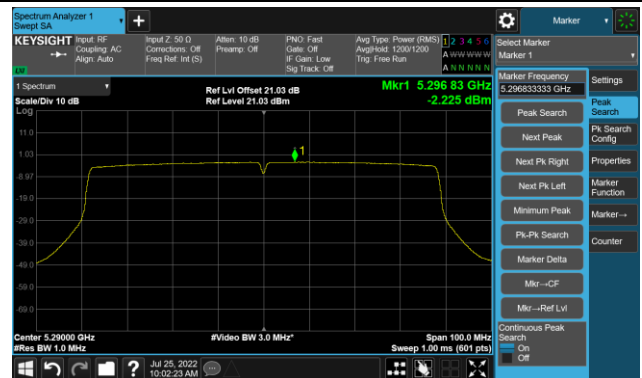


802.11ac-VHT80 Power Spectral Density- Ant 1

Channel 42 (5210MHz)



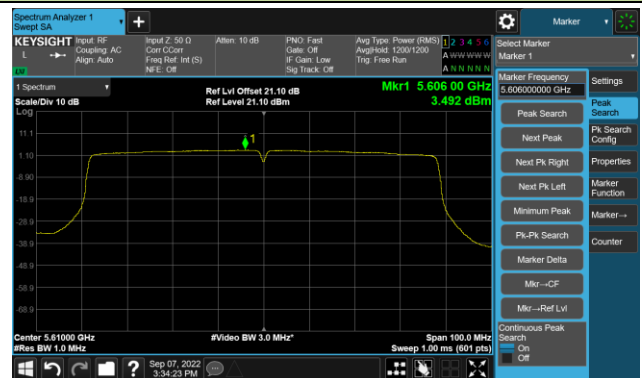
Channel 58 (5290MHz)



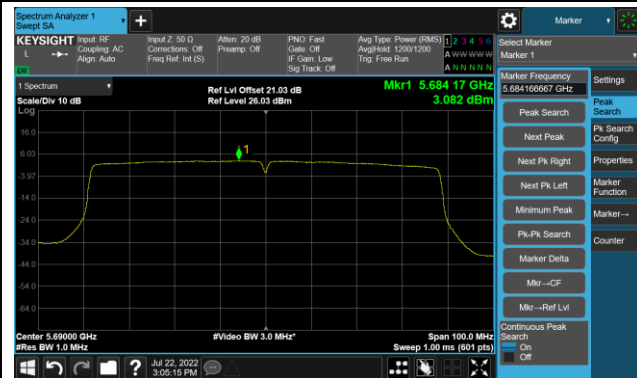
Channel 106 (5530MHz)



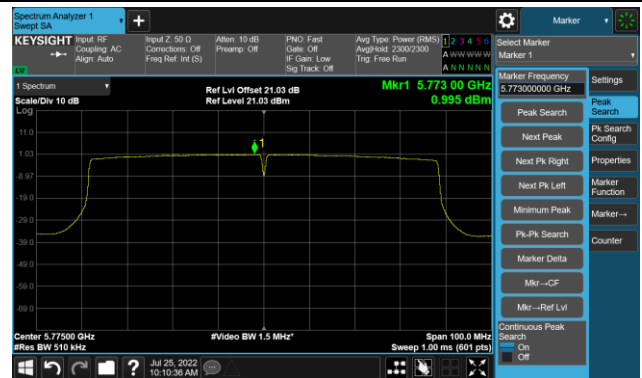
Channel 122 (5610MHz)



Channel 138 (5690MHz)



Channel 155 (5775MHz)



802.11ax-HE20 Power Spectral Density- Ant 1

Channel 36 (5180MHz)



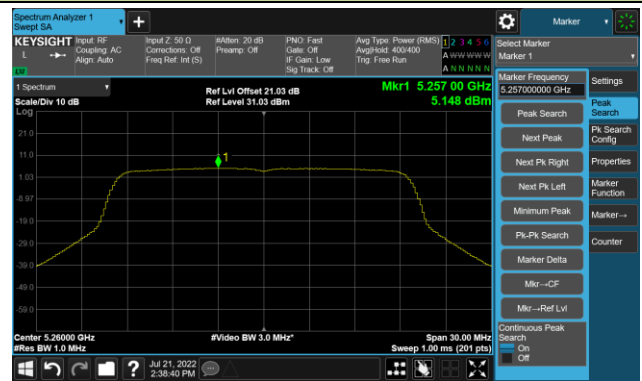
Channel 44 (5220MHz)



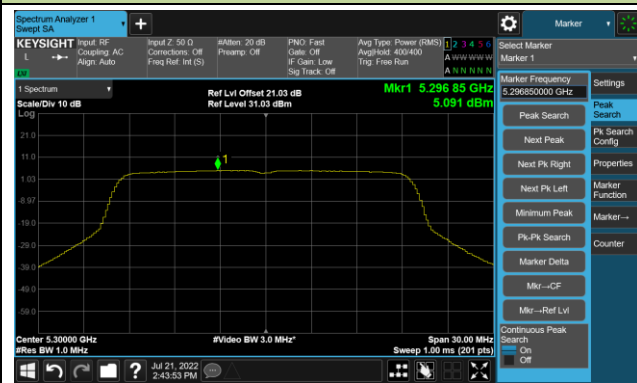
Channel 48 (5240MHz)



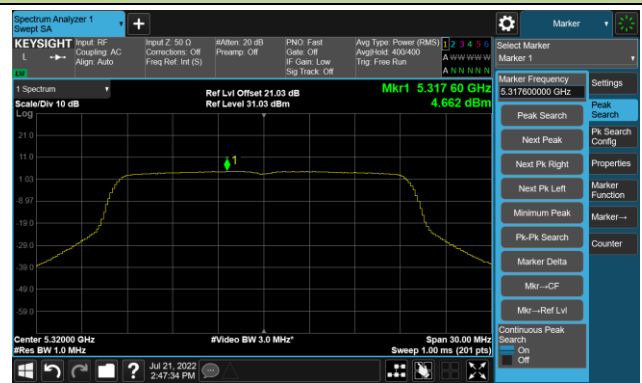
Channel 52 (5260MHz)



Channel 60 (5300MHz)

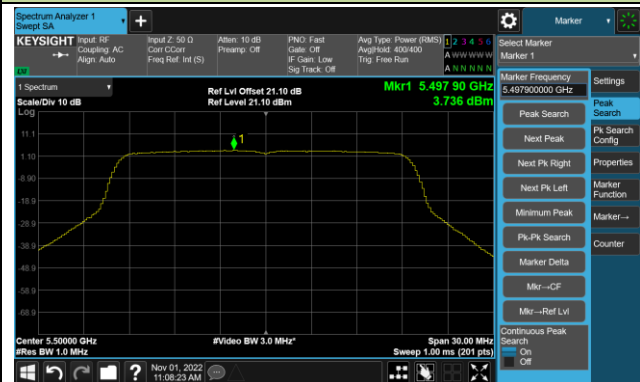


Channel 64 (5320MHz)



802.11ax-HE20 Power Spectral Density- Ant 1

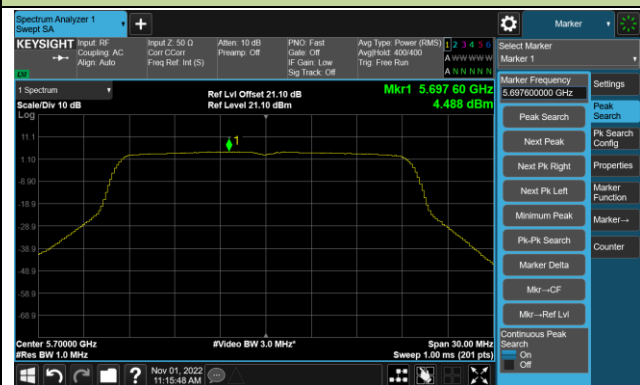
Channel 100 (5500MHz)



Channel 116 (5580MHz)



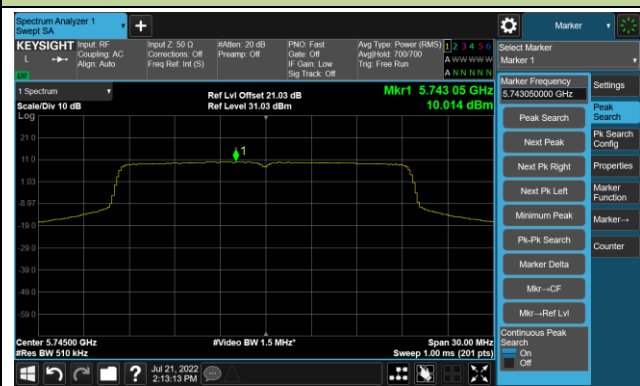
Channel 140 (5700MHz)



Channel 144(5720MHz)



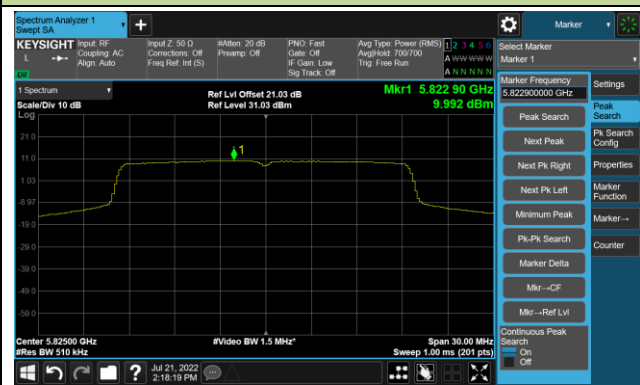
Channel 149 (5745MHz)



Channel 157 (5785MHz)

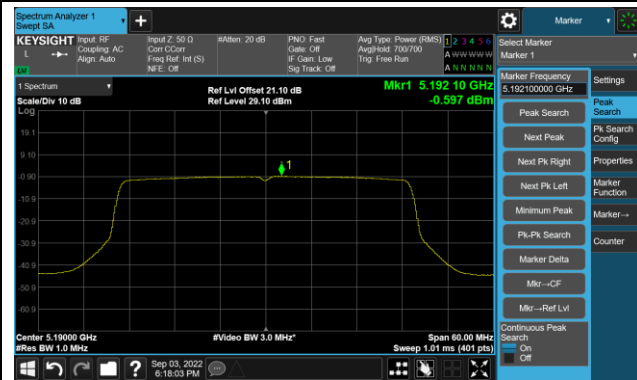


Channel 165 (5825MHz)

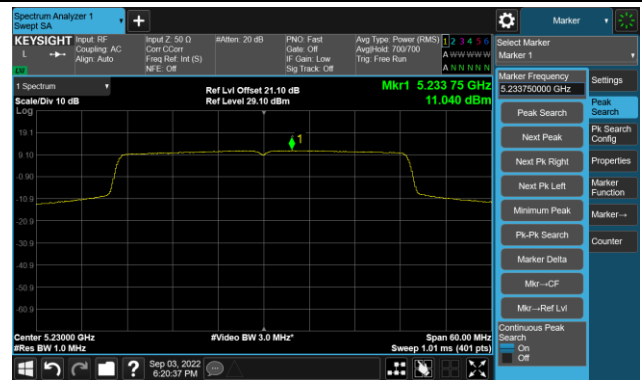


802.11ax-HE40 Power Spectral Density- Ant 1

Channel 38 (5190MHz)



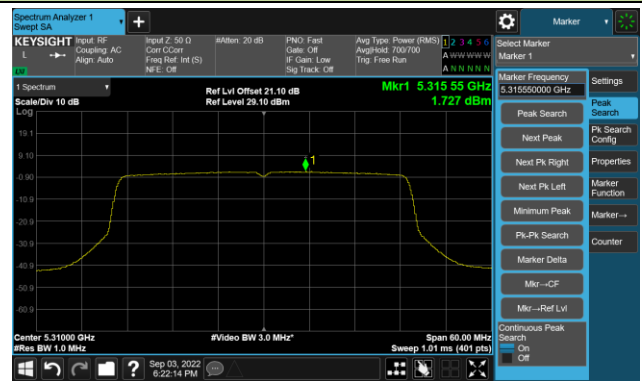
Channel 46 (5230MHz)



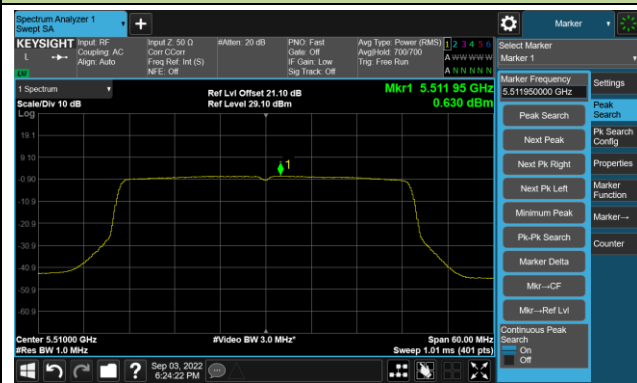
Channel 54 (5270MHz)



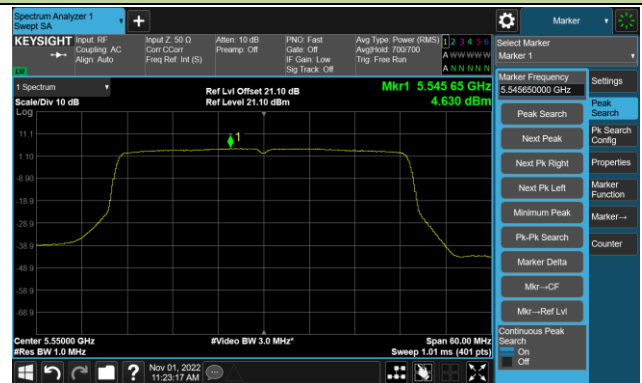
Channel 62 (5310MHz)



Channel 102 (5510MHz)



Channel 110 (5550MHz)



802.11ax-HE40 Power Spectral Density- Ant 1

Channel 134 (5670MHz)



Channel 142(5710MHz)



Channel 151 (5755MHz)



Channel 159 (5795MHz)



802.11ax-HE80 Power Spectral Density- Ant 1

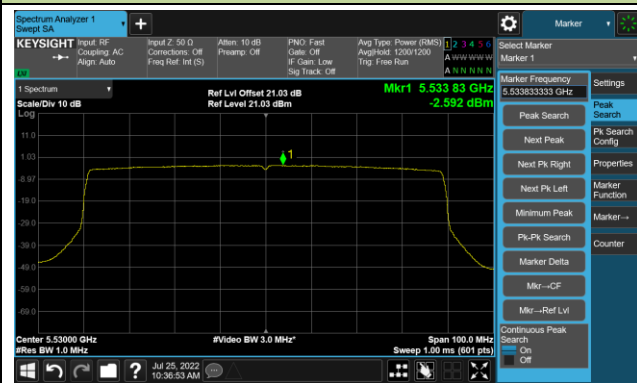
Channel 42 (5210MHz)



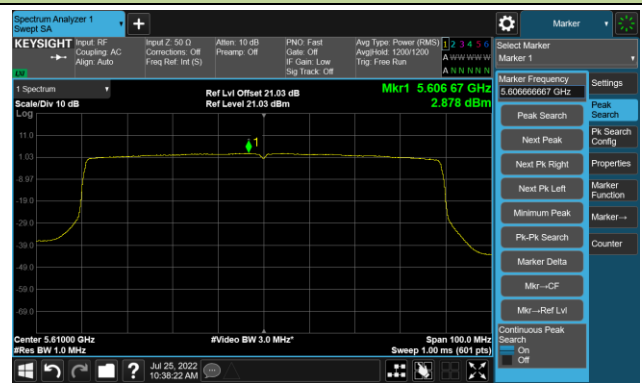
Channel 58 (5290MHz)



Channel 106 (5530MHz)



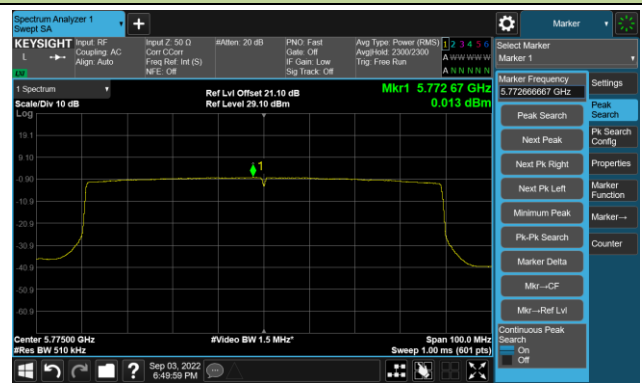
Channel 122 (5610MHz)



Channel 138 (5690MHz)



Channel 155 (5775MHz)



A.6 Frequency Stability Test Result

Test Site	WZ-TR3	Test Engineer	Liz Yuan
Test Date	2022-09-05	Test Mode	5180MHz (Carrier Mode)

Voltage (%)	Power (VAC)	Temp (°C)	Frequency Tolerance (ppm)			
			0 minutes	2 minutes	5 minutes	10 minutes
100	120	- 30	13.14	13.44	12.79	11.08
		- 20	10.50	9.24	13.68	9.45
		- 10	5.84	8.96	10.21	10.61
		0	5.52	10.52	7.86	8.38
		+ 10	1.67	1.25	6.82	1.06
		+ 20	8.57	9.40	8.76	7.95
		+ 30	-2.32	-2.64	-2.29	-3.11
		+ 40	-5.17	-2.85	-3.04	-3.87
		+ 50	-1.16	-3.65	-3.68	-0.35
115	138	+ 20	3.39	3.11	2.56	2.92
85	102	+ 20	6.32	6.33	6.04	0.69

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

A.7 Radiated Spurious Emission Test Result

Test Site	SIP-AC3	Test Engineer	Barry Wu
Test Date	2022-08-28	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
*	10239.5	47.8	-2.4	45.4	68.2	-22.8	Peak	Horizontal
	12356.0	48.3	-2.3	46.0	74.0	-28.0	Peak	Horizontal
*	14056.0	46.7	2.2	48.9	68.2	-19.3	Peak	Horizontal
	15654.0	45.0	4.1	49.1	74.0	-24.9	Peak	Horizontal
	7485.5	50.4	-5.6	44.8	74.0	-29.2	Peak	Vertical
*	10027.0	47.6	-2.2	45.4	68.2	-22.8	Peak	Vertical
	12305.0	48.9	-2.5	46.4	74.0	-27.6	Peak	Vertical
*	14736.0	46.8	3.0	49.8	68.2	-18.4	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Barry Wu
Test Date	2022-08-28	Test Mode	802.11a – Channel 44
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	10443.5	48.6	-2.7	45.9	68.2	-22.3	Peak	Horizontal
	10919.5	48.1	-2.4	45.7	74.0	-28.3	Peak	Horizontal
*	14226.0	46.8	2.4	49.2	68.2	-19.0	Peak	Horizontal
	15696.5	46.0	4.1	50.1	74.0	-23.9	Peak	Horizontal
*	10443.5	55.6	-2.7	52.9	68.2	-15.3	Peak	Vertical
	11829.0	48.4	-3.2	45.2	74.0	-28.8	Peak	Vertical
*	14812.5	46.6	3.3	49.9	68.2	-18.3	Peak	Vertical
	15679.5	46.1	4.1	50.2	74.0	-23.8	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Barry Wu
Test Date	2022-08-28	Test Mode	802.11a – Channel 48
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	10477.5	50.7	-2.4	48.3	68.2	-19.9	Peak	Horizontal
	11633.5	49.4	-3.0	46.4	74.0	-27.6	Peak	Horizontal
*	14829.5	46.0	3.4	49.4	68.2	-18.8	Peak	Horizontal
	15475.5	46.4	4.1	50.5	74.0	-23.5	Peak	Horizontal
*	10477.5	50.6	-2.4	48.2	68.2	-20.0	Peak	Vertical
	12169.0	48.7	-3.2	45.5	74.0	-28.5	Peak	Vertical
*	14158.0	47.2	2.3	49.5	68.2	-18.7	Peak	Vertical
	15424.5	46.6	4.1	50.7	74.0	-23.3	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Barry Wu
Test Date	2022-08-28	Test Mode	802.11a – Channel 52
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	10520.0	49.5	-2.7	46.8	68.2	-21.4	Peak	Horizontal
	11225.5	48.8	-2.7	46.1	74.0	-27.9	Peak	Horizontal
*	14634.0	46.4	2.3	48.7	68.2	-19.5	Peak	Horizontal
	15645.5	46.6	4.1	50.7	74.0	-23.3	Peak	Horizontal
*	10520.0	49.1	-2.7	46.4	68.2	-21.8	Peak	Vertical
	12415.5	49.0	-2.3	46.7	74.0	-27.3	Peak	Vertical
*	14217.5	46.6	2.4	49.0	68.2	-19.2	Peak	Vertical
	15365.0	44.3	4.2	48.5	74.0	-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-AC3	Test Engineer	Barry Wu
Test Date	2022-08-28	Test Mode	802.11a – Channel 60
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	10596.5	51.7	-2.2	49.5	68.2	-18.7	Peak	Horizontal
	11633.5	48.7	-3.0	45.7	74.0	-28.3	Peak	Horizontal
*	14260.0	47.4	2.4	49.8	68.2	-18.4	Peak	Horizontal
	15475.5	46.2	4.1	50.3	74.0	-23.7	Peak	Horizontal
*	10596.5	50.4	-2.2	48.2	68.2	-20.0	Peak	Vertical
	12313.5	49.1	-2.5	46.6	74.0	-27.4	Peak	Vertical
*	13954.0	47.5	1.9	49.4	68.2	-18.8	Peak	Vertical
	15637.0	45.1	4.0	49.1	74.0	-24.9	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Barry Wu
Test Date	2022-08-28	Test Mode	802.11a – Channel 64
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9746.5	49.0	-2.8	46.2	68.2	-22.0	Peak	Horizontal
	10639.0	49.6	-2.4	47.2	74.0	-26.8	Peak	Horizontal
*	14090.0	47.0	2.2	49.2	68.2	-19.0	Peak	Horizontal
	15764.5	46.8	3.9	50.7	74.0	-23.3	Peak	Horizontal
*	10001.5	49.3	-2.2	47.1	68.2	-21.1	Peak	Vertical
	10639.0	50.0	-2.4	47.6	74.0	-26.4	Peak	Vertical
*	14073.0	47.5	2.1	49.6	68.2	-18.6	Peak	Vertical
	15484.0	46.2	4.2	50.4	74.0	-23.6	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Barry Wu
Test Date	2022-08-28	Test Mode	802.11a – Channel 100
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	10418.0	47.1	-2.6	44.5	68.2	-23.7	Peak	Horizontal
	11710.0	48.7	-3.2	45.5	74.0	-28.5	Peak	Horizontal
*	14030.5	47.1	2.0	49.1	68.2	-19.1	Peak	Horizontal
	15390.5	45.4	4.3	49.7	74.0	-24.3	Peak	Horizontal
*	10222.5	47.7	-2.4	45.3	68.2	-22.9	Peak	Vertical
	11234.0	48.4	-2.5	45.9	74.0	-28.1	Peak	Vertical
*	13962.5	47.9	1.7	49.6	68.2	-18.6	Peak	Vertical
	15645.5	45.4	4.1	49.5	74.0	-24.5	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	Barry Wu
Test Date	2022-08-28	Test Mode	802.11a – Channel 116
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9933.5	46.9	-2.3	44.6	68.2	-23.6	Peak	Horizontal
	11157.5	47.9	-2.7	45.2	74.0	-28.8	Peak	Horizontal
*	13061.5	47.7	-1.0	46.7	68.2	-21.5	Peak	Horizontal
	15492.5	44.8	4.0	48.8	74.0	-25.2	Peak	Horizontal
*	8616.0	49.4	-3.3	46.1	68.2	-22.1	Peak	Vertical
	11157.5	49.6	-2.7	46.9	74.0	-27.1	Peak	Vertical
*	14200.5	47.0	2.5	49.5	68.2	-18.7	Peak	Vertical
	15722.0	45.9	3.9	49.8	74.0	-24.2	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Barry Wu
Test Date	2022-08-28	Test Mode	802.11a – Channel 140
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	10401.0	48.7	-2.3	46.4	68.2	-21.8	Peak	Horizontal
	10894.0	48.6	-2.6	46.0	74.0	-28.0	Peak	Horizontal
*	14175.0	45.7	2.6	48.3	68.2	-19.9	Peak	Horizontal
	15450.0	45.8	4.1	49.9	74.0	-24.1	Peak	Horizontal
*	10435.0	49.1	-2.7	46.4	68.2	-21.8	Peak	Vertical
	11404.0	49.8	-3.0	46.8	74.0	-27.2	Peak	Vertical
*	14064.5	47.1	2.2	49.3	68.2	-18.9	Peak	Vertical
	15399.0	46.0	4.1	50.1	74.0	-23.9	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Barry Wu
Test Date	2022-08-28	Test Mode	802.11a – Channel 144
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	10367.0	47.9	-2.4	45.5	68.2	-22.7	Peak	Horizontal
	11438.0	50.0	-2.7	47.3	74.0	-26.7	Peak	Horizontal
*	14625.5	48.1	2.4	50.5	68.2	-17.7	Peak	Horizontal
	15773.0	45.8	4.0	49.8	74.0	-24.2	Peak	Horizontal
	11438.0	51.4	-2.7	48.7	74.0	-25.3	Peak	Vertical
*	14056.0	46.7	2.2	48.9	68.2	-19.3	Peak	Vertical
*	14625.5	47.9	2.4	50.3	68.2	-17.9	Peak	Vertical
	16121.5	45.8	4.5	50.3	74.0	-23.7	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Barry Wu
Test Date	2022-08-28	Test Mode	802.11a – Channel 149
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	10486.0	48.8	-2.3	46.5	68.2	-21.7	Peak	Horizontal
	11489.0	50.7	-3.2	47.5	74.0	-26.5	Peak	Horizontal
*	14200.5	46.9	2.5	49.4	68.2	-18.8	Peak	Horizontal
	15722.0	46.5	3.9	50.4	74.0	-23.6	Peak	Horizontal
	11489.0	50.6	-3.2	47.4	74.0	-26.6	Peak	Vertical
*	14753.0	44.7	3.3	48.0	68.2	-20.2	Peak	Vertical
	15662.5	45.4	4.1	49.5	74.0	-24.5	Peak	Vertical
*	17243.5	54.6	5.6	60.2	68.2	-8.0	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	Barry Wu
Test Date	2022-08-28	Test Mode	802.11a – Channel 157
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	11744.0	48.9	-3.2	45.7	74.0	-28.3	Peak	Horizontal
*	14107.0	46.4	2.2	48.6	68.2	-19.6	Peak	Horizontal
	15475.5	46.4	4.1	50.5	74.0	-23.5	Peak	Horizontal
*	17354.0	49.5	6.1	55.6	68.2	-12.6	Peak	Horizontal
	11574.0	50.9	-3.2	47.7	74.0	-26.3	Peak	Vertical
*	14625.5	47.7	2.4	50.1	68.2	-18.1	Peak	Vertical
	15679.5	45.7	4.1	49.8	74.0	-24.2	Peak	Vertical
*	17354.0	57.5	6.1	63.6	68.2	-4.6	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	Barry Wu
Test Date	2022-08-28	Test Mode	802.11a – Channel 165
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	10477.5	47.7	-2.4	45.3	68.2	-22.9	Peak	Horizontal
	11650.5	50.5	-2.9	47.6	74.0	-26.4	Peak	Horizontal
*	14149.5	46.8	2.2	49.0	68.2	-19.2	Peak	Horizontal
	15909.0	46.1	4.3	50.4	74.0	-23.6	Peak	Horizontal
	11650.5	56.4	-2.9	53.5	74.0	-20.5	Peak	Vertical
	11650.5	46.9	-2.9	44.0	54.0	-10.0	Average	Vertical
	12500.5	50.1	-2.4	47.7	74.0	-26.3	Peak	Vertical
*	14625.5	47.5	2.4	49.9	68.2	-18.3	Peak	Vertical
*	17464.5	53.3	6.4	59.7	68.2	-8.5	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	Barry Wu
Test Date	2022-08-29	Test Mode	802.11ac-VHT20 – Channel 36
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9661.5	48.1	-2.7	45.4	68.2	-22.8	Peak	Horizontal
	11242.5	48.5	-2.6	45.9	74.0	-28.1	Peak	Horizontal
*	14056.0	47.5	2.2	49.7	68.2	-18.5	Peak	Horizontal
	15858.0	45.2	4.1	49.3	74.0	-24.7	Peak	Horizontal
*	10307.5	47.9	-2.2	45.7	68.2	-22.5	Peak	Vertical
	11523.0	49.0	-3.3	45.7	74.0	-28.3	Peak	Vertical
*	13996.5	47.6	2.1	49.7	68.2	-18.5	Peak	Vertical
	15977.0	45.3	4.5	49.8	74.0	-24.2	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Barry Wu
Test Date	2022-08-29	Test Mode	802.11ac-VHT20 – Channel 44
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	10069.5	48.3	-2.3	46.0	68.2	-22.2	Peak	Horizontal
	11625.0	49.0	-3.0	46.0	74.0	-28.0	Peak	Horizontal
*	14098.5	46.6	2.2	48.8	68.2	-19.4	Peak	Horizontal
	15560.5	43.9	4.2	48.1	74.0	-25.9	Peak	Horizontal
*	10443.5	50.2	-2.7	47.5	68.2	-20.7	Peak	Vertical
	11829.0	49.0	-3.2	45.8	74.0	-28.2	Peak	Vertical
*	14115.5	47.9	2.2	50.1	68.2	-18.1	Peak	Vertical
	15849.5	45.7	4.1	49.8	74.0	-24.2	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Barry Wu
Test Date	2022-08-29	Test Mode	802.11ac-VHT20 – Channel 48
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	10477.5	49.4	-2.4	47.0	68.2	-21.2	Peak	Horizontal
	11268.0	48.7	-2.9	45.8	74.0	-28.2	Peak	Horizontal
*	14158.0	46.5	2.3	48.8	68.2	-19.4	Peak	Horizontal
	15841.0	45.9	4.0	49.9	74.0	-24.1	Peak	Horizontal
*	10477.5	49.7	-2.4	47.3	68.2	-20.9	Peak	Vertical
	12194.5	48.4	-3.0	45.4	74.0	-28.6	Peak	Vertical
*	13937.0	47.6	1.7	49.3	68.2	-18.9	Peak	Vertical
	15637.0	45.9	4.0	49.9	74.0	-24.1	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Barry Wu
Test Date	2022-08-29	Test Mode	802.11ac-VHT20 – Channel 52
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	10520.0	49.9	-2.7	47.2	68.2	-21.0	Peak	Horizontal
	11735.5	48.0	-3.1	44.9	74.0	-29.1	Peak	Horizontal
*	13988.0	46.5	2.1	48.6	68.2	-19.6	Peak	Horizontal
	15628.5	45.3	4.2	49.5	74.0	-24.5	Peak	Horizontal
*	10520.0	49.6	-2.7	46.9	68.2	-21.3	Peak	Vertical
	11659.0	48.2	-2.9	45.3	74.0	-28.7	Peak	Vertical
*	14192.0	46.6	2.5	49.1	68.2	-19.1	Peak	Vertical
	15475.5	47.3	4.1	51.4	74.0	-22.6	Peak	Vertical
	15475.5	34.1	4.1	38.2	54.0	-15.8	Average	Vertical

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

Note 2: Measure Level (dBμV/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	Barry Wu
Test Date	2022-08-29	Test Mode	802.11ac-VHT20 – Channel 60
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	10596.5	48.9	-2.2	46.7	68.2	-21.5	Peak	Horizontal
	11667.5	48.1	-2.9	45.2	74.0	-28.8	Peak	Horizontal
*	13971.0	46.9	1.6	48.5	68.2	-19.7	Peak	Horizontal
	15645.5	44.4	4.1	48.5	74.0	-25.5	Peak	Horizontal
*	10596.5	49.8	-2.2	47.6	68.2	-20.6	Peak	Vertical
	12356.0	48.4	-2.3	46.1	74.0	-27.9	Peak	Vertical
*	14192.0	46.4	2.5	48.9	68.2	-19.3	Peak	Vertical
	15705.0	44.9	4.3	49.2	74.0	-24.8	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	Barry Wu
Test Date	2022-08-29	Test Mode	802.11ac-VHT20 – Channel 64
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	10146.0	48.8	-2.6	46.2	68.2	-22.0	Peak	Horizontal
	10639.0	50.5	-2.4	48.1	74.0	-25.9	Peak	Horizontal
*	14183.5	46.7	2.5	49.2	68.2	-19.0	Peak	Horizontal
	15654.0	45.6	4.1	49.7	74.0	-24.3	Peak	Horizontal
*	9644.5	48.5	-2.8	45.7	68.2	-22.5	Peak	Vertical
	11786.5	48.4	-3.2	45.2	74.0	-28.8	Peak	Vertical
*	14047.5	46.3	2.1	48.4	68.2	-19.8	Peak	Vertical
	15637.0	45.5	4.0	49.5	74.0	-24.5	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	Barry Wu
Test Date	2022-08-29	Test Mode	802.11ac-VHT20 – Channel 100
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	10520.0	48.4	-2.7	45.7	68.2	-22.5	Peak	Horizontal
	10996.0	49.1	-2.5	46.6	74.0	-27.4	Peak	Horizontal
*	13954.0	47.3	1.9	49.2	68.2	-19.0	Peak	Horizontal
	15450.0	45.7	4.1	49.8	74.0	-24.2	Peak	Horizontal
*	10324.5	47.6	-2.5	45.1	68.2	-23.1	Peak	Vertical
	11038.5	48.5	-2.4	46.1	74.0	-27.9	Peak	Vertical
*	14149.5	47.1	2.2	49.3	68.2	-18.9	Peak	Vertical
	15790.0	45.8	4.0	49.8	74.0	-24.2	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Barry Wu
Test Date	2022-08-29	Test Mode	802.11ac-VHT20 – Channel 116
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	10154.5	47.9	-2.5	45.4	68.2	-22.8	Peak	Horizontal
	11659.0	48.5	-2.9	45.6	74.0	-28.4	Peak	Horizontal
*	14226.0	46.5	2.4	48.9	68.2	-19.3	Peak	Horizontal
	15900.5	45.6	4.2	49.8	74.0	-24.2	Peak	Horizontal
*	10112.0	48.0	-2.5	45.5	68.2	-22.7	Peak	Vertical
	11234.0	48.6	-2.5	46.1	74.0	-27.9	Peak	Vertical
*	14166.5	46.4	2.4	48.8	68.2	-19.4	Peak	Vertical
	15603.0	45.8	4.1	49.9	74.0	-24.1	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Barry Wu
Test Date	2022-08-29	Test Mode	802.11ac-VHT20 – Channel 140
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	10137.5	47.3	-2.7	44.6	68.2	-23.6	Peak	Horizontal
	11438.0	47.9	-2.7	45.2	74.0	-28.8	Peak	Horizontal
*	14217.5	47.4	2.4	49.8	68.2	-18.4	Peak	Horizontal
	15671.0	46.1	4.2	50.3	74.0	-23.7	Peak	Horizontal
*	9976.0	47.5	-2.1	45.4	68.2	-22.8	Peak	Vertical
	11404.0	49.7	-3.0	46.7	74.0	-27.3	Peak	Vertical
*	14183.5	46.6	2.5	49.1	68.2	-19.1	Peak	Vertical
	15450.0	45.8	4.1	49.9	74.0	-24.1	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Barry Wu
Test Date	2022-08-29	Test Mode	802.11ac-VHT20 – Channel 144
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	10163.0	48.2	-2.3	45.9	68.2	-22.3	Peak	Horizontal
	11438.0	49.3	-2.7	46.6	74.0	-27.4	Peak	Horizontal
*	14209.0	46.9	2.4	49.3	68.2	-18.9	Peak	Horizontal
	15849.5	45.9	4.1	50.0	74.0	-24.0	Peak	Horizontal
*	9984.5	47.6	-2.1	45.5	68.2	-22.7	Peak	Vertical
	11438.0	50.3	-2.7	47.6	74.0	-26.4	Peak	Vertical
*	14217.5	46.5	2.4	48.9	68.2	-19.3	Peak	Vertical
	16045.0	45.8	4.4	50.2	74.0	-23.8	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Barry Wu
Test Date	2022-08-29	Test Mode	802.11ac-VHT20 – Channel 149
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	10035.5	47.3	-2.1	45.2	68.2	-23.0	Peak	Horizontal
	11370.0	48.5	-2.7	45.8	74.0	-28.2	Peak	Horizontal
*	14209.0	46.7	2.4	49.1	68.2	-19.1	Peak	Horizontal
	15790.0	46.7	4.0	50.7	74.0	-23.3	Peak	Horizontal
*	10384.0	47.9	-2.4	45.5	68.2	-22.7	Peak	Vertical
	11489.0	49.9	-3.2	46.7	74.0	-27.3	Peak	Vertical
	15866.5	45.5	4.1	49.6	74.0	-24.4	Peak	Vertical
*	17226.5	56.8	5.4	62.2	68.2	-6.0	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	Barry Wu
Test Date	2022-08-29	Test Mode	802.11ac-VHT20 – Channel 157
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9950.5	47.2	-2.1	45.1	68.2	-23.1	Peak	Horizontal
	12339.0	49.2	-2.5	46.7	74.0	-27.3	Peak	Horizontal
*	14200.5	46.6	2.5	49.1	68.2	-19.1	Peak	Horizontal
	15637.0	44.9	4.0	48.9	74.0	-25.1	Peak	Horizontal
*	10027.0	47.8	-2.2	45.6	68.2	-22.6	Peak	Vertical
	11574.0	49.3	-3.2	46.1	74.0	-27.9	Peak	Vertical
	15781.5	45.8	4.0	49.8	74.0	-24.2	Peak	Vertical
*	17354.0	57.3	6.1	63.4	68.2	-4.8	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	Barry Wu
Test Date	2022-08-29	Test Mode	802.11ac-VHT20 – Channel 165
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	10001.5	47.6	-2.2	45.4	68.2	-22.8	Peak	Horizontal
	11650.5	50.1	-2.9	47.2	74.0	-26.8	Peak	Horizontal
*	14039.0	46.5	2.1	48.6	68.2	-19.6	Peak	Horizontal
	15705.0	45.5	4.3	49.8	74.0	-24.2	Peak	Horizontal
*	9644.5	48.2	-2.8	45.4	68.2	-22.8	Peak	Vertical
	11642.0	52.0	-2.9	49.1	74.0	-24.9	Peak	Vertical
	15807.0	46.2	3.8	50.0	74.0	-24.0	Peak	Vertical
*	17464.5	56.6	6.4	63.0	68.2	-5.2	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	Barry Wu
Test Date	2022-08-29	Test Mode	802.11ac-VHT40 – Channel 38
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	10027.0	47.1	-2.2	44.9	68.2	-23.3	Peak	Horizontal
	11030.0	47.6	-2.4	45.2	74.0	-28.8	Peak	Horizontal
*	14192.0	47.6	2.5	50.1	68.2	-18.1	Peak	Horizontal
	15679.5	46.4	4.1	50.5	74.0	-23.5	Peak	Horizontal
*	9644.5	50.0	-2.8	47.2	68.2	-21.0	Peak	Vertical
	12500.5	48.5	-2.4	46.1	74.0	-27.9	Peak	Vertical
*	13818.0	48.1	0.7	48.8	68.2	-19.4	Peak	Vertical
	15543.5	45.7	4.0	49.7	74.0	-24.3	Peak	Vertical

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

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

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